


General catalogue.

January 2020





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CERAMICHE

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01.

The Co

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DISTINGUERSI INNOVANDO.

Un brand dall'identità forte e inconfondibile, protagonista assoluto del mondo del design.

Da sempre **Lea Ceramiche** si distingue, non si omologa. E lo fa innovando: con prodotti dalla personalità definita e dalle straordinarie prestazioni tecniche, pura materia ceramica scaturita da un accurato processo di ricerca e da tecnologie produttive all'avanguardia; e con la collaborazione con i più apprezzati designer internazionali, firme in grado di esaltare carattere e performance delle sue collezioni, impiegate in progetti e in installazioni di prestigio in tutto il mondo.

Ogni collezione **Lea Ceramiche**, anche la più convenzionale, unisce qualità del design ceramico, completezza della gamma e ricchezza dell'apparato decorativo. Perché è dal dialogo ininterrotto tra la profonda conoscenza di tecniche e materiali e l'intelligenza creativa di un affiatato team di professionisti che nascono e si sviluppano idee, soluzioni e collezioni in continua evoluzione.

STANDING OUT AS INNOVATORS.

A brand with a strong and unmistakable identity, one the prime movers in the design world. **Lea Ceramiche** has always stood out from the crowd.

And it has done so by innovating: with products with a clear personality and remarkable technical qualities, pure ceramic material originating from in-depth research and cutting-edge

production technologies; and with the collaboration of the most respected international designers who are able to exalt the character and the qualities of its collections, used in prestigious projects and installations all over the world.

Every **Lea Ceramiche** collection, even the most conventional one, stands out for its quality ceramic design, the completeness of the range and the

richness of the decorations.

Because it is through the uninterrupted dialogue between the extensive knowledge of techniques and materials and the creative intelligence of a tight-knit team of professionals that continuously evolving ideas, solutions and collections are born and developed.

SE DISTINGUER EN INNOVANT.

Une marque qui a une identité forte et inimitable, protagoniste absolue du monde du design. Depuis toujours **Lea Ceramiche** se distingue, sans se conformer. Elle innove avec des produits qui ont une personnalité bien définie et qui garantissent des performances techniques extraordinaires ; des céramiques qui sont le fruit d'un processus de recherche soigné

et de technologies de production de pointe ; avec la collaboration des designers internationaux les plus renommés, des créateurs en mesure d'exalter le caractère et les performances de ses collections, utilisées dans des projets et des installations de prestige dans le monde entier.

Chaque collection **Lea Ceramiche**, même la plus classique, exploite les

qualités du design céramique, en offrant une collection complète aux riches décorations. C'est en effet du dialogue entre la connaissance profonde des techniques et des matériaux et l'intelligence créative d'une équipe soudée de professionnels que naissent et se développent des idées, des solutions et des collections en évolution constante.

MIT INNOVATIONEN HERVORSTECHEN.

Eine Marke mit starker und unverwechselbarer Identität, absoluter Star in der Welt des Designs.

Lea Ceramiche hebt sich seit jeher ab und gleicht sich nicht an. Und zwar mit Innovationen: Produkte mit ausgeprägter Persönlichkeit und außergewöhnlichen technischen Leistungen, reines keramisches Material, das aus einem sorgfältigen Forschungsprozess und modernsten

Produktionstechnologien hervorgeht; und mit der Zusammenarbeit mit den angesehensten internationalen Designern, Namen, die in der Lage sind, Charakter und Leistung der Kollektionen, die in prestigeträchtigen Projekten und Bauten in der ganzen Welt zum Einsatz kommen, in Szene zu setzen.

Alle – selbst die konventionellsten – Kollektionen von **Lea Ceramiche** vereinen die Qualität des keramischen

Designs mit einem umfassenden Angebot und einem reichhaltigen Dekorapparat. Denn aus dem ununterbrochenen Dialog zwischen der tiefen Kenntnis von Techniken und Materialien und der kreativen Intelligenz eines eingespielten Teams von Fachleuten entstehen Ideen, Lösungen und Kollektionen, die sich stetig verändern.



FABIO NOVEMBRE



PATRICK NORGUET



DIEGO GRANDI



PHILIPPE NIGRO



KRAVITZ DESIGN



ZAHA HADID

DESIGN E PERFORMANCE.

Alla base del nostro lavoro di ogni giorno c'è l'entusiasmo del confronto tra innovazione e creatività: per questo ogni prodotto Lea Ceramiche è sintesi di design e performance.

Le nostre superfici sono l'espressione dello stile senza tempo, dell'eccellenza nelle prestazioni tecniche e delle possibilità tecnologiche interpretate dal mondo del design.

I prestigiosi riconoscimenti ottenuti dalle collezioni firmate da designer di fama internazionale, testimoniano il valore del percorso Lea Ceramiche e la qualità dei suoi prodotti.

DESIGN AND PERFORMANCE.

Our daily work is based on an enthusiastic interaction between innovation and creativity: this is why every Lea Ceramiche product is a synthesis of design and performance.

Our surfaces embody timeless style, outstanding technical performance and technological

possibilities interpreted by the design world.

The prestigious awards received by the collections signed by internationally renowned designers testify to the value of Lea Ceramiche's work and to the quality of its products.

DESIGN ET PERFORMANCE.

Notre travail quotidien se fonde sur l'enthousiasme de la confrontation entre l'innovation et la créativité : c'est ainsi que chaque produit Lea Ceramiche est une synthèse de design et performance.

Nos surfaces sont l'expression du style intemporel, de l'excellence des performances techniques

et des possibilités technologiques interprétées par le monde du design.

Les distinctions obtenues par les collections signées par des designers de renommée internationale témoignent de la valeur des choix de Lea Ceramiche et de la qualité de ses produits.

DESIGN UND LEISTUNG.

An der Basis unserer alltäglichen Arbeit steht der Enthusiasmus der Gegenüberstellung von Innovation und Kreativität: deshalb ist jedes Produkt von Lea Ceramiche eine Synthese aus Design und Leistung.

Unsere Oberflächen sind der Ausdruck des zeitlosen Stils, der Exzellenz in den technischen Leistungen und der

technologischen Möglichkeiten, die von der Welt des Designs interpretiert werden.

Die renommierten Auszeichnungen der Kollektionen aus der Feder von Designern von internationalem Ruf bezeugen den Wert des Wegs von Lea Ceramiche und die Qualität seiner Produkte.

AWARDS.



CONCRETO
BY FABIO NOVEMBRE
CHICAGO
ATHENAEUM MUSEUM
GOOD DESIGN
AWARD
2018



FILIGRANE
BY PHILIPPE NIGRO
archiproducts
DESIGN AWARDS
WINNER 2017



TYPE 32
BY DIEGO GRANDI
HONORABLE MENTION
COMPASSO D'ORO ADI
2016



NAIVE
BY PATRICK NORGUET
CHICAGO
ATHENAEUM MUSEUM
GOOD DESIGN
AWARD
2016



NAIVE
BY PATRICK NORGUET
SPECIAL MENTION ON
GERMAN DESIGN AWARD
2016



NEST
BY HOK PRODUCT DESIGN
INTERIOR DESIGN
ANNUAL BEST OF YEAR AWARD
(FLOORING: TILE AND
STONE)
2014



TYPE 32
BY DIEGO GRANDI
CHICAGO ATHENAEUM MUSEUM
GOOD DESIGN AWARD
MENTION ON
ADI DESIGN INDEX
2014



CITY
BY DIEGO GRANDI
CHICAGO ATHENAEUM MUSEUM
GOOD DESIGN AWARD
MENTION ON
ADI DESIGN INDEX
2008

COLLABORAZIONI.

Le capacità prestazionali e la ricercata qualità estetica hanno reso i prodotti Lea Ceramiche straordinariamente apprezzati da numerosi professionisti del panorama internazionale.

Le collaborazioni avviate negli anni, hanno dato origine ad importanti realizzazioni sia in architettura che nell'interior. Alcune di queste partnership, inoltre, hanno dato forma, in qualità di exhibition design, ad installazioni originali ed impattanti - es. Twirl by Zaha Hadid Architects, Clear Sweet Fresh Water by Antonio Citterio e Patricia Viel, Elephountain by Cibic workshop, Space for Life by Marco Piva - veicolando, specie in questi casi, un utilizzo non convenzionale del materiale ceramico nonché la sua assoluta versatilità.

In altre occasioni, la collaborazione si è sviluppata nell'interpretazione della decorazione, dando forza all'espressività delle superfici ceramiche come proposto in occasione dell'allestimento In Factory by Diego Grandi o dagli studenti del master Surface and Textile Design del prestigioso Istituto Marangoni.

Tutti i progetti realizzati finora sono il risultato del dialogo costante tra l'azienda, con il suo know how e la conoscenza esperta del materiale, e l'intelligenza dei professionisti in grado di dare forme sempre nuove a questa opportunità.

COLLABORATIONS.

High performance levels and refined aesthetic quality, have made Lea Ceramiche products greatly acknowledged by numerous industry experts in the international panorama. These collaborations, over the years, have given rise to important achievements both in architecture and in interior design. Furthermore, with relation to exhibitions and design, several of

these partnerships have given way to original and impactful installations, such as Twirl by Zaha Hadid Architects, Clear Sweet Fresh Water by Antonio Citterio and Patricia Viel, Elephountain by Cibic workshop, and Space for Life by Marco Piva. All these convey an unconventional use for ceramic materials and the absolute versatility they offer. All the projects that have been implemented are the result of a constant dialogue between

the company - with its know-how and its expert knowledge of the materials used - and the intelligence of industry experts that are able to give new life to this opportunity.

COLLABORATIONS.

Si Lea Ceramiche est si appréciée par de nombreux professionnels du monde entier, c'est parce que ses produits font preuve d'une beauté impalpable, d'une qualité inouïe et de performances imbattables. Cette année, la société a noué de nouveaux liens, en créant des collaborations desquelles découlent d'importants projets d'architecture et d'interior design. Et certains de

ces partenariats ont d'ailleurs donné naissance à des aménagements originaux et de grand impact, en matière de design et d'exposition (comme Twirl by Zaha Hadid Architects, Clear Sweet Fresh Water by Antonio Citterio et Patricia Viel, Elephountain by Cibic workshop, Space for Life by Marco Piva) démontrant que la céramique ne connaît aucune limite d'utilisation Tous ces projet son le résultat d'un dialogue constant entre la société qui

met à disposition ses connaissances et son savoir-faire en la matière, et les professionnels qui usent de leur intelligence et de leur maîtrise pour donner forme à cette opportunité.

KOOPERATIONEN.

Die Leistungsfähigkeit und die raffinierte ästhetische Qualität haben dazu geführt, dass die Produkte von Lea Ceramiche von zahlreichen Fachleuten der internationalen Bühne besonders geschätzt werden. Die im Laufe der Jahre begonnenen Zusammenarbeiten haben wichtige Errungenschaften sowohl in der Architektur als auch bei der

Inneneinrichtung hervorgebracht. Einige dieser Partnerschaften finden sich in Form von originellen und eindrucksvollen Realisierungen für Ausstellungen und Design wieder - wie zum Beispiel Twirl by Zaha Hadid Architects, Clear Sweet Fresh Water by Antonio Citterio e Patricia Viel, Elephountain by Cibic workshop, Space for Life by Marco Piva - wobei besonders in diesen Fällen eine eher unkonventionelle

Verwendung des Keramikmaterials in ihrer absoluten Vielseitigkeit gezeigt wird. Alle bisher durchgeführten Projekte sind das Ergebnis eines ständigen Dialogs zwischen dem Unternehmen mit seinem Know-how und dem Fachwissen über das Material einerseits und der Intelligenz der Fachleute andererseits, die stets in der Lage sind, diesem Material immer neue Formen zu geben.



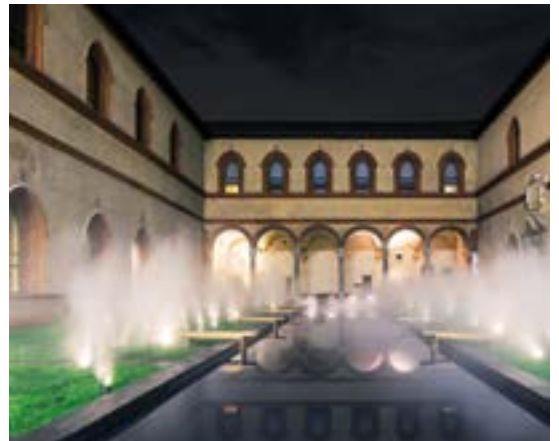
TWIRL - ZAHA HADID ARCHITECTS



SPACE FOR LIFE - MARCO PIVA



SURFACE AND TEXTILE DESIGN MASTER - ISTITUTO MARANGONI



CLEAR SWEET FRESH WATER
ANTONIO CITTERIO AND PATRICIA VIEL



IN FACTORY - DIEGO GRANDI

SHOWROOM ED EVENTI.

Dallo showroom di Milano al temporary Lab di Parigi, passando per gli eventi e le installazioni di impatto e suggestione in tutto il mondo, Lea Ceramiche dialoga in modo costante e vivace con il mondo del design.

SHOWROOMS & EVENTS.

From its showroom in Milan to its temporary Lab in Paris to its evocative installations and its participation in the most influential events around the world, Lea Ceramiche is engaged in a constant and animated dialogue with the world of design.

SHOWROOM ET EVENEMENTS.

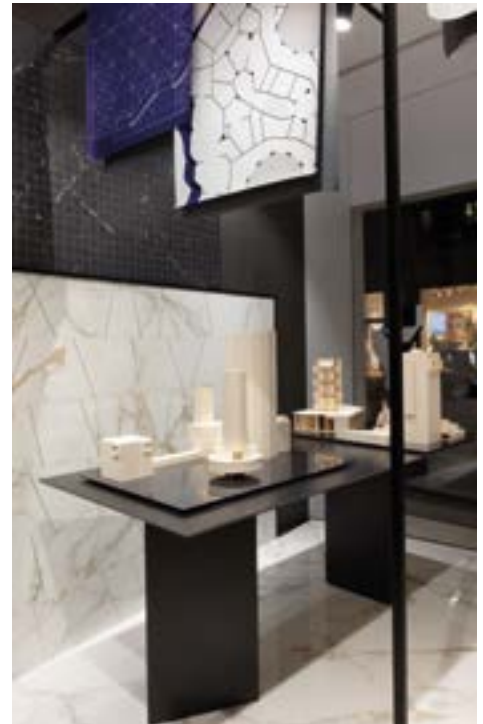
Du showroom de Milan au temporary Lab de Paris, en passant par les événements et les installations d'impact et de suggestion dans le monde entier, Lea Ceramiche dialogue de manière constante avec le monde du design.

SHOWROOM UND VERANSTALTUNGEN.

Vom Showroom in Mailand bis zum temporären Lab in Paris, über die Events und bedeutenden und eindrucksvollen Installationen auf der ganzen Welt, Lea Ceramiche steht in einem ständigen und lebendigen Dialog mit der Welt des Designs.



SHOWROOM MILANO



SHOWROOM MILANO



SHOWROOM PARIGI

INNOVAZIONI PER UN'ARCHITETTURA DI PREGIO.

L'innovazione nel design, l'assoluta affidabilità delle prestazioni tecniche e la capacità di osare e guardare sempre avanti hanno reso Lea Ceramiche una protagonista indiscussa dell'architettura internazionale. Come testimoniato dalla prestigiose referenze realizzate in tutto il mondo.

INNOVATION FOR TOP ARCHITECTURE.

Innovative design, absolute reliability of technical performance, and the capacity to dare and focus on the future have made Lea Ceramiche an undisputed key player in international architecture. As proved by the important projects supplied by the brand around the world.

L'INNOVATION POUR L'ARCHITECTURE DE POINTE.

L'innovation dans le design, la fiabilité absolue des performances techniques et la capacité à oser et à toujours aller de l'avant ont fait de Lea Ceramiche un protagoniste incontestable de l'architecture internationale. Comme en témoignent les importantes références dans le monde.

INNOVATION FÜR SPITZENARCHITEKTUR.

Die Innovation im Design, die absolute Zuverlässigkeit der technischen Leistung und die Fähigkeit zu wagen und immer nach vorne zu schauen hat Lea Ceramiche zu einem unangefochtenen Protagonisten der internationalen Architektur gemacht. Wie die Referenzen von renommierten Stellen aus der ganzen Welt beweisen.



520W28 - MANHATTAN NY - ZAHA HADID



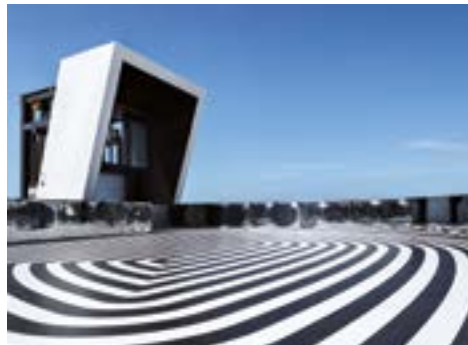
CASA MILAN - MILANO - STUDIO FABIO NOVEMBRE



BOSCO VERTICALE
MILANO
STEFANO BOERI
GIANANDREA BARRECA
E GIOVANNI LA VARRA



HEADQUARTER E-COMMERCE - MILANO - GBPA ARCHITECTS



FONDAZIONE PRADA - MILANO - OMA ARCHITECTS



CAMPUS SOCIET  GENERALE
PARIS - PATRICK NORQUET



ATTIMI - MILANO - STUDIO FABIO NOVEMBRE

01a.

Our G

group.

PANARIAGROUP. NEL TEMPO E NEL MONDO, L'ECCELENZA CERAMICA.

Eccellere, nel mondo della ceramica di alta qualità, significa saper generare sempre prodotti a elevata componente tecnologica e impreziosirli con la massima attenzione estetica, con la cura di ogni dettaglio.

Per soddisfare al meglio i gusti della fascia più elevata ed esigente del mercato, Panariagroup adotta da sempre la formula dell'eccellenza, unendo storica sapienza artigianale e attitudine all'avanguardia tecnologica. Con un impegno fondamentale ad agire e operare sempre con responsabilità.

Con oltre 40 anni di esperienza, Panariagroup è oggi una realtà internazionale con un cuore fortemente italiano, presente con 8 brand in oltre 130 paesi nel mondo grazie a una vasta e capillare rete commerciale.

THROUGHOUT TIME AND AROUND THE WORLD, CERAMIC EXCELLENCE.

To excel in the world of high quality ceramics means knowing how to continuously create highly technological products and how to enhance them through the utmost attention to aesthetics and detail. Panariagroup has always adhered to the highest standards of excellence,

combining its history of skilful artisan craftsmanship with cutting edge technology. This approach is intrinsically linked to a fundamental commitment to always act and operate responsibly. With over 40 years of experience, Panariagroup is an international company with a strong Italian soul and an extensive

sales network with 8 brands in over 130 countries all over the world.

DANS LE TEMPS ET DANS LE MONDE, L'EXCELLENCE CÉRAMIQUE.

Exceller, dans le monde de la céramique de haute qualité, signifie toujours savoir créer des produits à composante technologique élevée et les enrichir avec la plus grande attention esthétique, en soignant tous les détails. Pour satisfaire au mieux les goûts de la plage la

plus élevée et la plus exigeante du marché, Panariagroup adopte depuis toujours la formule de l'excellence, unissant la connaissance historique artisanale et l'attitude technologiquement à l'avant-garde. Avec un engagement fondamental à agir et œuvrer toujours de manière

responsable. Avec plus de 40 ans d'expérience, Panariagroup est aujourd'hui un groupe international avec un cœur fortement italien, présente avec 8 marques dans plus de 130 pays dans le monde, grâce à un vaste réseau commercial à tous les niveaux.

MIT DER ZEIT UND IN DER WELT, DIE EXZELLENZ DER KERAMIK.

Exzellenz in der Welt der hochwertigen Keramik bedeutet zu wissen, wie man kontinuierlich Produkte herstellt, die nicht nur eine hohe technologische Komponente aufweisen, sondern die mit besonderem Augenmerk auf die Ästhetik bis ins kleinste Detail realisiert

werden. Panariagroup arbeitet seit jeher mit der Formel der Exzellenz, um dem Geschmack des anspruchsvollsten Marktsegments gerecht zu werden. Historische Handwerkskunst vereint sich mit technologischem Fortschritt, wobei ein verantwortungsvolles

Handeln absolute Voraussetzung ist. Mit mehr als 40 Jahren Erfahrung ist die Panariagroup heute eine internationale Realität mit einem starken italienischen Herzen, die dank eines großen und weit verbreiteten Handelsnetzes weltweit mit 8 Marken in über 130 Ländern präsent ist.

PANARIAgroup®

www.panariagroup.it



SASSUOLO

PARTNER UFFICIALE



Panaria
ceramica

LEA
CERAMICHE

COTTOD'ESTE
Nuove Superfici

Blustyle
by COTTOD'ESTE

MARGRES
CERAMIC TILES

LOVE
CERAMIC TILES

Bellissimo
STILE ITALIANO

floridatile

PANARIAGROUP. CERAMICHE PER LA QUALITÀ DELLA VITA.

Bellezza, Innovazione, Sostenibilità.

Panariagroup è leader mondiale nei pavimenti e rivestimenti di alta qualità. Con processi produttivi che rispettano l'ambiente e prodotti pensati per un nuovo modo di concepire l'architettura e l'abitare.

CERAMICS FOR THE QUALITY OF YOUR LIFE.

Beauty, Innovation, Sustainability.

Panariagroup is a world leader in high quality ceramic surfaces for floor and wall coverings. Its production processes respect the environment and its products are designed for a new way of conceiving architecture and living.

LA CÉRAMIQUE POUR LA QUALITÉ DE VOTRE VIE.

Esthétique, Innovation, Durabilité.

Panariagroup, leader mondial des sols et revêtements de haute qualité garantit des processus de production respectueux de l'environnement et des produits conçus pour envisager l'architecture et le logement différemment.

KERAMIK FÜR DIE QUALITÄT IHRES LEBENS.

Schönheit, Innovation, Nachhaltigkeit.

Panariagroup ist ein international führender Hersteller von qualitativ hochwertigen Wand- und Bodenbelägen. Die Produktion erfolgt umweltschonend, und die Produkte sind auf ein neues Konzept des Bauens und Wohnens ausgelegt.



Per conoscere di più sull'impegno e sulle iniziative concrete di Panariagroup, è possibile consultare il Bilancio di Sostenibilità 2018, scaricabile dal sito panariagroup.it o richiedibile via mail a sustainability@panariagroup.it

To find out more about Panariagroup's commitment and specific initiatives, you can refer to the Sustainability Report 2018, which can be downloaded here at panariagroup.it or requested via email at sustainability@panariagroup.it

Pour en savoir plus sur les engagements et sur les initiatives concrètes de Panariagroup, vous pouvez consulter le Rapport de Durabilité 2018, téléchargeable sur le site panariagroup.it ou en envoyant une demande par e-mail à sustainability@panariagroup.it

Mehr zum Engagement und zu den konkreten Initiativen von Panariagroup erfahren Sie aus dem Nachhaltigkeitsbericht 2018, den Sie von der Website panariagroup.it downloaden oder per E-Mail an sustainability@panariagroup.it anfordern können.

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SASSUOLO

PARTNER UFFICIALE



PANARIAGROUP. LA CERAMICA NELLA SUA FORMA MIGLIORE.

La ceramica è un materiale dalle prestazioni uniche e straordinarie. Panariagroup si distingue con prodotti di qualità superiore.

PIÙ SALUBRI grazie all'integrazione della tecnologia antibatterica Protect

PIÙ FACILI DA PULIRE grazie alle nostre esclusive tecniche di lavorazione delle superfici

PIÙ VERSATILI E ADATTI AD OGNI IMPIEGO grazie ad un'ampia disponibilità di tecnologie e componenti ad elevata performance che consentono di ottenere prodotti adatti a destinazioni d'uso differenti

PIÙ SOSTENIBILI grazie a un processo produttivo estremamente efficiente in termini di rispetto delle norme ambientali, del consumo di acqua, energia e materie prime

CERAMICS AT THEIR BEST.

Ceramics offer unique and outstanding performance. Panariagroup stands out for its superior quality products.

HEALTHIER thanks to the integrated Protect antimicrobial technology

EASIER TO CLEAN thanks to our exclusive surface processing techniques

MORE VERSATILE AND SUITABLE FOR EVERY USE thanks to the wide availability of high-performance technologies and components that allow you to obtain products suitable for different uses

MORE SUSTAINABLE thanks to a production process that is extremely efficient in terms of compliance with environmental standards and consumption of water, energy and raw materials

LA CÉRAMIQUE SOUS SON MEILLEUR JOUR.

La céramique est un matériau aux performances uniques et extraordinaires. Panariagroup se distingue par ses produits de qualité supérieure.

PLUS SAINS grâce à l'intégration de la technologie antibactérienne Protect

PLUS FACILES À NETTOYER grâce à nos techniques exclusives de traitement de surface

PLUS POLYVALENTS ET ADAPTÉS À TOUS LES USAGES grâce à une vaste disponibilité de technologies et de composants à haute performance, qui permettent d'obtenir des produits adaptés à des usages différents

PLUS DURABLES grâce à un processus de production extrêmement efficace en termes de respect des normes environnementales, de consommation d'eau, d'énergie et de matières premières

KERAMIK IN IHRER SCHÖNSTEN FORM.

Keramik ist ein Material mit einzigartigen und ausgezeichneten Leistungen. Panariagroup zeichnet sich durch ihre hochwertigen Qualitätsprodukte aus.

GESÜNDER dank der Integration der antibakteriellen Technologie Protect

EINFACHER ZU REINIGEN dank unserer exklusiven Verarbeitungstechniken der Oberflächen

VIELSEITIGER UND FÜR JEDEN EINSATZ GEEIGNET dank einer breiten Verfügbarkeit von Technologien und Komponenten mit hoher Leistung, die es ermöglichen, Produkte für verschiedene Einsatzbereiche zu erhalten

NACHHALTIGER dank einem extrem effizienten Produktionsprozess im Hinblick auf Einhaltung der Umweltnormen, sowie Wasser-, Strom- und Rohstoffverbrauch

PANARIAgroup®

www.panariagroup.it



SASSUOLO

PARTNER UFFICIALE

LA CERAMICA. UNA SCELTA SICURA.

CERAMICS. A SAFE CHOICE. / LA CÉRAMIQUE, UN CHOIX SÛR. / KERAMIK. EINE SICHERE WAHL.

SICURA

SAFE / SÛRE / SICHER

IGIENICA

HYGIENIC / HYGIÉNIQUE / HYGIENISCH

DURA A LUNGO

LONG-LASTING / DURE LONGTEMPS / LANGLEBIG

NON EMETTE SOSTANZE CHIMICHE NOCIVE

ZERO VOCs / ZERO COV / NULL VOCs

NON BRUCIA

IT DOES NOT BURN / NE BRÛLE PAS / BRENNT NICHT

RESISTENTE

RESISTANT / RÉSISTANTE / BESTÄNDIG

VERSATILE

VERSATILE / POLYVALENTE / VIELSEITIG

STABILE

STABLE / STABLE / STABIL

RICICLABILE

RECYCLABLE / RECYCLABLE / WIEDERVERWERTBAR

AMA L'AMBIENTE

ENVIRONMENT-FRIENDLY / RESPECTE L'ENVIRONNEMENT
/ UMWELTSCHONEND



01b.

Our Exce

ellences.

UN'OFFERTA COMPLETA.

Lea Ceramiche reinterpreta in modo originale e ineccepibile le superfici di maggior tendenza - il marmo, la pietra, il cemento, il legno - senza tradire la propria vocazione alla sperimentazione di forme, colori e superfici.

Le sue collezioni, ampie e articolate, vantano ricercati apparati decorativi che contribuiscono a consolidare il carattere unico del brand. Ogni giorno professionisti dell'architettura e dell'interior design di tutto il mondo optano per lo stile Lea Ceramiche per la completezza della sua gamma di superfici e per la grande versatilità tecnologica che permette lo sviluppo di prodotti in grandi lastre Slimtech a basso spessore, in gres porcellanato a spessore tradizionale fino alle soluzioni L2 spessorate per outdoor.

Anche grazie alle straordinarie prestazioni tecniche e ad alcune tecnologie esclusive, come Protect, per pavimenti e rivestimenti antibatterici ad altissime performance.

A COMPLETE RANGE.

Lea Ceramiche offers an original and flawless interpretation of the trendiest surfaces - marble, stone, concrete and wood - without betraying its vocation for experimenting with forms, colours and surfaces.

Its broad and structured collections include sophisticated decorative effects that help consolidate the

brand's unique character. Every day architecture and interior design professionals from all over the world choose Lea Ceramiche for its style, complete range of surfaces and great technological versatility, which enables the development of products made of large thin porcelain stoneware Slimtech slabs with a traditional thickness, as well as extra-thick L2 solutions for outdoor use.

They also appreciate its remarkable technical features and exclusive technologies, such as Protect, for high-performance anti-bacterial floors and wall coverings.

UNE OFFRE COMPLETE.

Lea Ceramiche réinterprète de façon originale et impeccable les surfaces à la pointe de la mode - le marbre, la pierre, le ciment, le bois - sans trahir sa vocation consistant à expérimenter les formes, les couleurs et les surfaces.

Ses collections, vastes et articulées, vantent des appareils décoratifs

recherchés, qui contribuent à consolider le caractère unique de la marque. Tous les jours les professionnels de l'architecture et de l'architecture d'intérieur du monde entier choisissent le style Lea Ceramiche car elle offre une gamme complète de surfaces ainsi qu'une grande polyvalence technologique, permettant de développer des produits en grandes plaques Slimtech de faible épaisseur, en grès cérame d'épaisseur traditionnelle sans oublier

des solutions L2 plus épaisses pour l'extérieur.

Grâce aussi aux remarquables performances techniques et à des technologies exclusives, comme Protect, pour sols et revêtements antibactériens très haute performance.

EIN KOMPLETTES ANGEBOT.

Lea Ceramiche interpretiert auf originelle und tadellose Weise die trendigsten Oberflächen - Marmor, Stein, Zement, Holz - ohne die eigene Berufung zum Experimentieren mit Formen, Farben und Oberflächen zu verraten.

Die großen und vielschichtigen Kollektionen weisen ausgesuchte

Dekorapparate auf, die dazu beitragen, den einzigartigen Charakter der Marke zu festigen. Jeden Tag entscheiden sich Professionisten im Bereich Architektur und Interior Design aus der ganzen Welt wegen des umfassenden Angebots an Oberflächen und der großen technologischen Vielseitigkeit, die die Entwicklung von Produkten aus großen Slimtech Platten mit geringer Stärke, aus Feinsteinzeug mit traditioneller Stärke bis

hin zu extra-dicken L2 Lösungen für den Outdoor-Bereich ermöglicht, für den Stil von Lea Ceramiche.

Nicht zuletzt auch dank der hervorragenden technischen Leistungen und einiger exklusiver Technologien, wie Protect, für leistungsstarke antibakterielle Böden und Verkleidungen.



LE TECNOLOGIE.



SLIMTECH. Lastre ceramiche sottili di qualità superiore.

Gres porcellanato laminato in grande formato: un materiale leggero, versatile e resistente per nuove prospettive progettuali nel mondo dell'architettura e dell'abitare.



GRES. Gres porcellanato a tutta massa, sinonimo di resistenza tecnica e di eccellenza estetica.

L'ampia disponibilità di formati è arricchita dalle sofisticate finiture superficiali che rendono i prodotti Lea Ceramiche ideali per ogni progetto sia in ambito residenziale che in ambito architettonico.



L2. Gres porcellanato in 20mm di spessore, progettato per l'outdoor.

Garantisce infinite soluzioni applicative senza il rischio di rotture ed è ideale per la continuità estetica tra gli ambienti interni e quelli esterni. Resistente al gelo e agli sbalzi termici, presenta elevate caratteristiche antiscivolo, preserva la materia e il colore inalterati nel tempo ed è facile da pulire.

3-TECH PROJECT / TRE TECNOLOGIE, DIFFERENTI SPESSORI, INFINITE POSSIBILITÀ

L'esclusivo progetto Lea Ceramiche per collezioni articolate in 3 tecnologie produttive: Le grandi lastre sottili di qualità superiore, l'eccellenza del gres porcellanato a spessore tradizionale e il gres spessorato per soluzioni outdoor.

TECNOLOGIES.



SLIMTECH. Superior quality slim ceramic slabs.

Large-size laminated porcelain stoneware: a light, versatile and resistant material for new design perspectives in the world of architecture and living.



STONEWARE. Through-body porcelain stoneware, a synonym for technical resistance and aesthetic excellence.

The wide range of sizes is enriched with sophisticated surface finishes that make Lea Ceramiche products ideal for all residential and architectural projects.



L2. 20mm-thick porcelain stoneware, designed for outdoor use.

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces. Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time and is easy to clean.

3-TECH PROJECT / THREE TECHNOLOGIES, DIFFERENT THICKNESSES, INFINITE POSSIBILITIES

The exclusive Lea Ceramiche project for collections divided into 3 production technologies: high-quality large thin slabs, outstanding porcelain stoneware with a traditional thickness and extra-thick porcelain stoneware for outdoor solutions.

LES TECHNOLOGIES.



SLIMTECH. Minces plaques en céramique de qualité supérieure.

Grès cérame laminé en grands formats, un matériau léger, polyvalent et résistant offrant de nouvelles perspectives au monde de la conception architecturale et de l'habitat.



GRES. Grès cérame dans la masse, synonyme de résistance technique et d'excellence esthétique.

La vaste gamme de formats est enrichie par des finitions de surface raffinées, qui rendent les produits Lea Ceramiche parfaits pour tous les projets, d'architecture ou d'architecture d'intérieur.



L2. Grès cérame de 20 mm d'épaisseur, conçu pour l'extérieur.

Il assure un nombre infini de solutions applicatives sans risque de cassure et garantit la continuité esthétique entre les pièces intérieures et les espaces extérieurs. Résistant au gel et aux écarts thermiques, il présente d'excellentes caractéristiques antiglisse, protège la matière et la couleur qui restent intacts dans le temps et facilite le nettoyage.

3-TECH PROJECT / TROIS TECHNOLOGIES, DIFFERENTES EPAISSEURS, POSSIBILITES INFINIES

Le projet exclusif Lea Ceramiche pour des collections qui se différencient suivant 3 technologies de production: les grandes plaques minces de qualité supérieure, l'excellence du grès cérame d'épaisseur traditionnelle et le grès épais pour l'extérieur.

DIE TECHNOLOGIEN.



SLIMTECH. Dünne Keramikplatten von höchster Qualität.

Laminiertes Feinsteinzeug im Großformat: ein leichtes, vielseitiges und robustes Material für neue Planungsperspektiven in der Welt der Architektur und des Wohnens.



FEINSTEINZEUG. Durchgefärbtes Feinsteinzeug, Synonym für technische Robustheit und ästhetische Exzellenz.

Die breite Verfügbarkeit von Formaten wird durch das raffinierte Oberflächen-Finish ergänzt, sodass sich die Produkte von Lea Ceramiche ideal für jedes Projekt im Wohn- und Architekturbereich eignen.



L2. Feinsteinzeug mit 20 mm Stärke, für Außenbereiche entwickelt.

Es garantiert endlose Anwendungslösungen ohne Bruchgefahr und ist ideal für die ästhetische Kontinuität zwischen Innen- und Außenbereichen. Resistent gegenüber Kälte und Temperaturschwankungen, mit hoher Rutschfestigkeit, Material und Farbe bleiben über die Zeit unverändert, einfach zu reinigen.

3-TECH PROJECT / TRE TECNOLOGIE, DIFFERENTI SPESSORI, INFINITE POSSIBILITÀ

L'esclusivo progetto Lea Ceramiche per collezioni articolate in 3 tecnologie produttive: Le grandi lastre sottili di qualità superiore, l'eccellenza del gres porcellanato a spessore tradizionale e il gres spessorato per soluzioni outdoor.



LASTRE CERAMICHE SOTTILI DI QUALITÀ SUPERIORE.

Gres porcellanato laminato in grande formato: un materiale leggero, versatile e resistente per nuove prospettive progettuali nel mondo dell'architettura e dell'abitare.

Superior quality thin porcelain slabs.

Large-sized laminated porcelain stoneware: a light, resistant and versatile product for new design perspectives in the world of architecture and housing.

Dalles céramiques fines de qualité supérieure.

Grès cérame laminé en grand format : un matériau léger, polyvalent et résistant pour de nouvelles perspectives conceptuelles dans le monde de l'architecture et de l'habitat.

Dünne Hochwertige Keramikplatten.

Laminiertes Feinsteinzeug im Großformat: ein leichtes, vielseitiges und widerstandsfähiges Material für neue Designperspektiven in der Welt der Architektur und des Wohnens.

1. Massimi standard qualitativi e prestazionali.

Grazie all'utilizzo di materie prime pregiate.

1. Highest standards in quality and performance. Thanks to the use of the best raw materials.

1. Standards qualitatifs et maximales. Grâce à l'utilisation de matières premières de haute qualité.

1. Höchste Qualitäts- und Leistungsstandards. Dank des Einsatzes hochwertiger Rohmaterialien.

2. Lastre supercompatte ed elastiche. Grazie a un processo di pressatura unico.

2. Highly compact and elastic slabs. Thanks to a unique pressing process.

2. Dalles ultra compactes et élastiques. Grâce à un procédé de pressage unique.

2. Superkompakte und elastische Platten. Dank eines einzigartigen Pressverfahrens.

3. Eccellente resa estetica dei materiali. Grazie a tecniche esclusive di lavorazione delle superfici.

3. Excellent aesthetic look of the products. Thanks to exclusive surface treatment technologies.

3. Excellent rendement esthétique des matériaux. Grâce à des techniques exclusives de traitement des surfaces.

3. Ausgezeichnete Ästhetik der Materialien. Dank exklusiver Oberflächenbehandlungstechniken.

4. Straordinaria extra-resistenza. Grazie al rinforzo in fibra di vetro.

4. Extraordinary added resistance. Thanks to the reinforcing fibreglass mesh.

4. Extraordinaire extra-résistance. Grâce au renfort en fibre de verre.

4. Außergewöhnliche Widerstandsfähigkeit. Dank der Verstärkung mit Glasfasernetz.

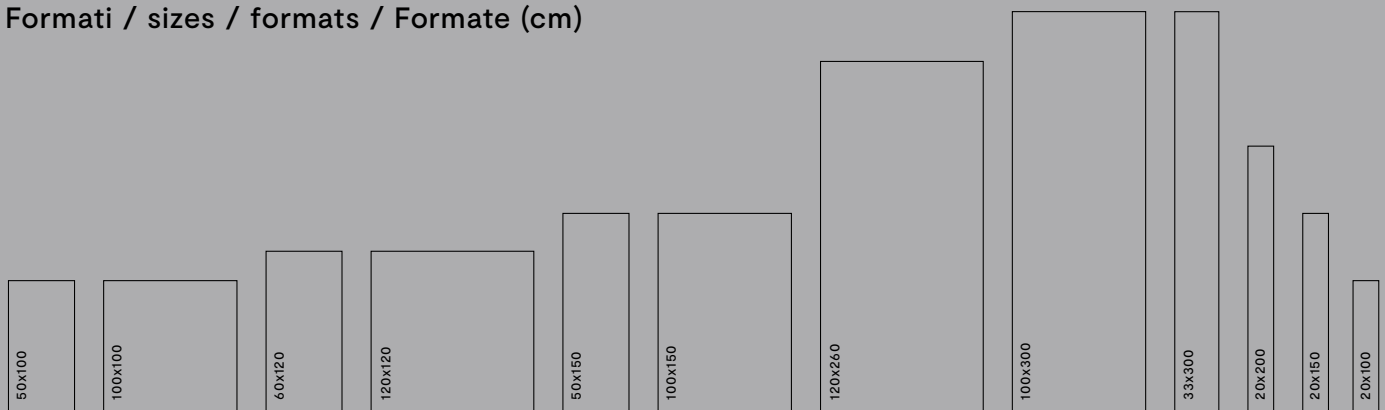
5. Alta sostenibilità ambientale. Meno materie prime utilizzate, minor consumo di acqua ed energia, minori emissioni di CO₂.

5. Highly Eco-friendly. Less raw materials used lower water and energy consumption and lower CO₂ emissions.

5. Durabilité environnementale élevée. Moins de matières premières utilisées, moins de consommation d'eau et d'énergie, moins d'émissions de CO₂.

Hohe Umweltfreundlichkeit. Geringerer Rohstoffverbrauch, weniger Wasser- und Energieverbrauch, sowie weniger CO₂-Emissionen.

Formati / sizes / formats / Formate (cm)



S LIMTECH 3.5mm

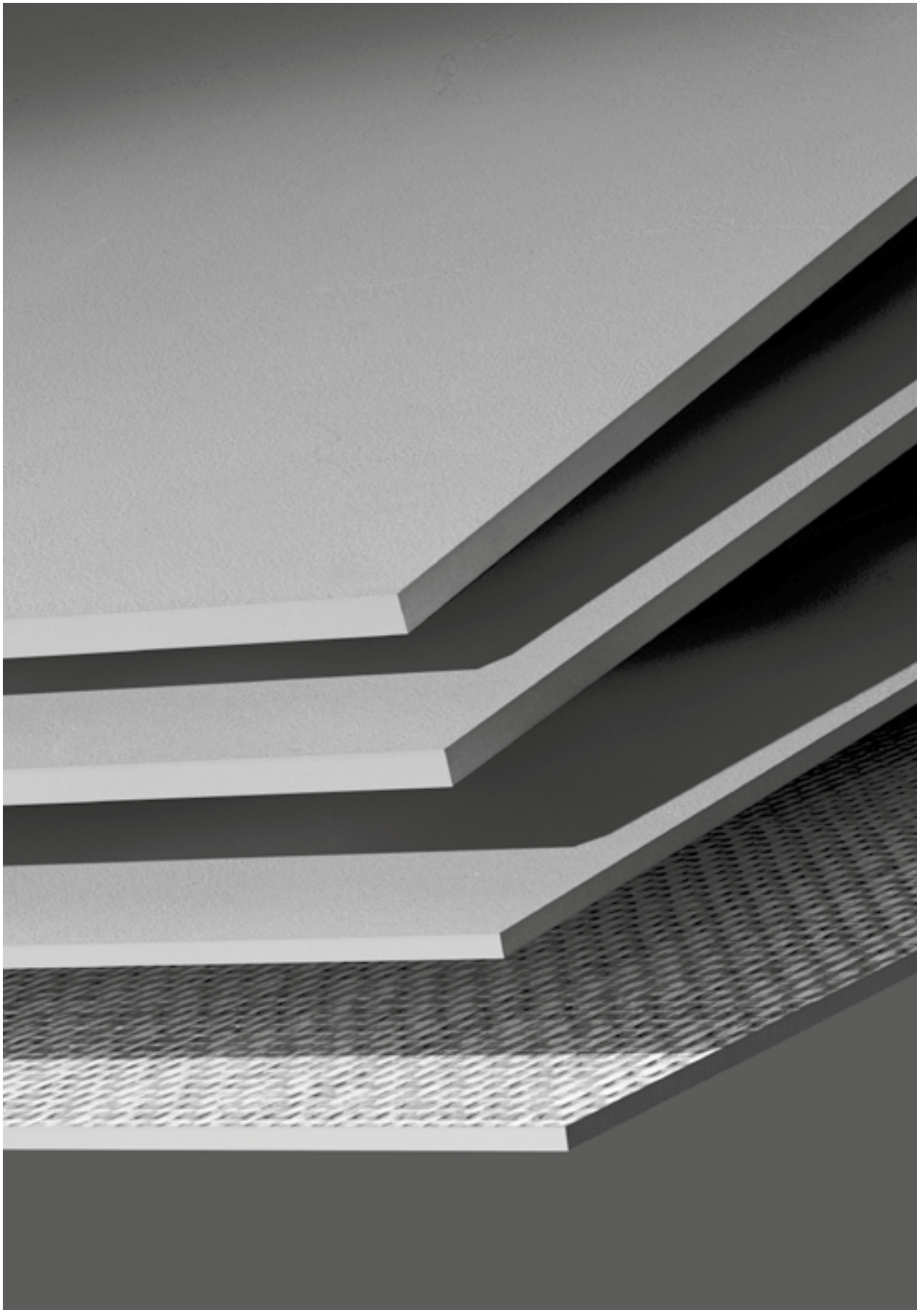
Ultrasottile e ultrasensibile. Con fibra di vetro. / Ultra-thin and ultra-resistant. With fibreglass mesh.

S LIMTECH 5.5mm

Ultra fin et ultra résistante. Avec fibre de verre. / Untradünn und ultrawiderstandsfest. Mit Glasfaser.

S LIMTECH 6mm

Sottile e resistente. / Thin and resistant. / Fin et résistant. / Dünn und widerstandsfähig.





L2

GRES PORCELLANATO 20MM PER OUTDOOR.

Garantisce infinite soluzioni applicative senza il rischio di rotture ed è ideale per la continuità estetica tra gli ambienti interni e quelli esterni. Resistente al gelo e agli sbalzi termici, presenta elevate caratteristiche antiscivolo, preserva la materia e il colore inalterati nel tempo ed è facile da pulire.



20 MM THICK PORCELAIN STONEWARE FOR OUTDOORS.

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces.

Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time, and is easy to clean.

GRES CERAME DE 20MM D'ÉPAISSEUR POUR L'EXTÉRIEUR.

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces.

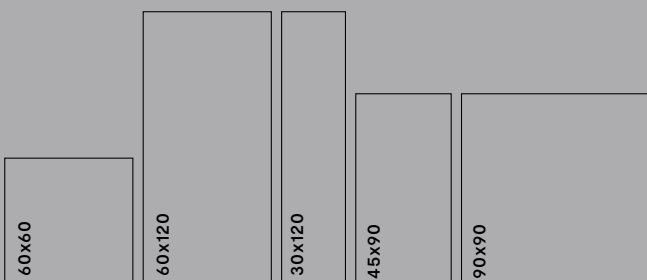
Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time, and is easy to clean.

20 MM DICKES FEINSTEINZEUG FÜR DEN AUSSENBEREICH.

It guarantees infinite application solutions without the risk of cracks and is ideal for ensuring aesthetic continuity between indoor and outdoor spaces.

Resistant to freezing and changes in temperature, it has notable non-slip properties, maintains the material and the colours intact over time, and is easy to clean.

Formati / sizes / formats / Formate (cm)



VANTAGGI / PLUS.

- IT**
- 1 Altissima resistenza ai carichi di rottura.
 - 2 Elevata resistenza meccanica.
 - 3 Elevata resistenza allo scivolamento.
 - 4 Resistente al gelo.
 - 5 Resistente al fuoco.
 - 6 Resistente agli sbalzi termici, agli agenti atmosferici, agli acidi, alle muffe e al sale.
 - 7 Eccezionale resistenza alle macchie.
 - 8 Carrabile quando incollato su massetto.
 - 9 Facile da installare, rimuovere e riutilizzare.
 - 10 Facile da pulire.
 - 11 Eterno: materia e colori stabili nel tempo.
 - 12 Ecologico: creato nel rispetto e per la salvaguardia dell'ambiente.
 - 13 Abbinabile ai prodotti da interno per un perfetto coordinamento estetico senza interruzioni.

- FR**
- 1 Résistance extrême aux charges de rupture.
 - 2 Haute résistance mécanique.
 - 3 Haute résistance au glissement.
 - 4 Résistance au gel.
 - 5 Résistance au feu.
 - 6 Résistance aux changements de température, aux intempéries, aux produits acides, à la moisissure et au sel.
 - 7 Résistance exceptionnelle aux taches.
 - 8 Carrossable si posé sur chape.
 - 9 Facile à poser, à enlever et à réutiliser.
 - 10 Facile à entretenir.
 - 11 Durabilité : matériau et couleurs qui restent stables au fil du temps.
 - 12 Écologique : créé dans le respect et pour la protection de l'environnement.
 - 13 Peut être assorti aux produits d'intérieur pour une harmonie esthétique parfaite, sans interruption.

- EN**
- 1 Highly resistant to heavy loads.
 - 2 Superior mechanical strength.
 - 3 High slip resistance.
 - 4 Frost-resistant.
 - 5 Fire resistant.
 - 6 Resistant to thermal shock, atmospheric agents, acids, mould and salt.
 - 7 Exceptional resistance to stains.
 - 8 Resistant to vehicular passage when applied to a screed with adhesives.
 - 9 Easy to install, remove and reuse.
 - 10 Easy to clean.
 - 11 Eternal: the product and its colours are stable over time.
 - 12 Eco-friendly: manufactured in a way which respects and sustains the environment.
 - 13 Can be combined with products for interior spaces seamlessly and without interruptions.

- DE**
- 1 Extrem bruchlastbeständig.
 - 2 Hoher mechanischer Widerstand.
 - 3 Hohe Rutschfestigkeit.
 - 4 Frostbeständig.
 - 5 Feuerbeständig.
 - 6 Beständig gegen Temperaturschwankungen, Witterung, Säuren, Schimmel und Salz.
 - 7 Ausgezeichnete Fleckenbeständigkeit.
 - 8 Auf Estrich verklebt befahrbar.
 - 9 Einfach zu verlegen, zu entfernen und wiederzuverwenden.
 - 10 Einfach zu reinigen.
 - 11 Ewig haltbar: Material und Farben sind auf Dauer stabil.
 - 12 Ökologisch: umweltschonend hergestellt.
 - 13 In perfekter Kontinuität von Innen und Außen mit den Produkten für Innenbereiche kombinierbar.

DECORI E ACCESSORI.

Guardare oltre, corredando le superfici ceramiche di ricercati innesti decorativi e applicazioni raffinate, per un tratto distintivo in grado di dare sempre una personalità esclusiva ad ogni collezione Lea Ceramiche.

DECORS AND ACCESSORIES.

Looking beyond, pairing ceramic surfaces featuring refined decorative inserts with elegant applications, for a characteristic quality that gives every Lea Ceramiche collection a unique personality.

DÉCORS ET ACCESSOIRES.

Regarder au-delà, en dotant les surfaces céramiques de greffages décoratifs recherchés et d'applications raffinées, pour un trait distinctif capable de toujours donner une personnalité exclusive à chaque collection Lea Ceramiche.

DEKORE UND ZUBEHÖR.

Immer einen Schritt voraus, mit Keramikoberflächen, die sich durch ausgesuchte dekorative Elemente und raffinierte Applikationen auszeichnen, für ein unverwechselbares Merkmal, die jeder Kollektion von Lea Ceramiche eine exklusive Persönlichkeit verleiht.





P R () T E C T

L'esclusiva tecnologia Panariagroup per pavimenti e rivestimenti antibatterici ad altissime performance. Per un abitare sano, sicuro e protetto.

The exclusive Panariagroup technology for antimicrobial floor and wall coverings with the highest performance. To live healthily, safe and secure.

La technologie exclusive de Panariagroup pour les revêtements de sols et de murs antibactériens à hautes performances. Pour un habitat sain, sûr et protégé.

Die exklusive Technologie Panariagroup für antibakterielle und hochleistungsfähige Fußböden und Verkleidungen. Für ein gesundes, sicheres und geschütztes Wohnen.



1. Azione potente.
Elimina i batteri e ne impedisce la proliferazione.

1. Powerful action.
Eliminates microbes and prevents their reproduction.

1. Action puissante.
Eliminates microbes and prevents Élimine les bactéries et empêche leur prolifération.

1. Leistungsstarke Wirkung
Eliminiert Bakterien und verhindert die Vermehrung.



2. Efficacia eterna.
Grazie alla tecnologia integrata in modo permanente nel prodotto.

2. Eternal effectiveness.
Thanks to the technology permanently integrated into the product.

2. Efficacité éternelle.
Grâce à la technologie intégrée de façon permanente dans le produit.

2. Dauerhafte Wirksamkeit.
Dank der permanent im Produkt integrierten Technologie.



3. Protezione continua.
Sempre attivo, 24 ore su 24, con e senza luce solare.

3. Continuous protection.
Always active, 24 hours a day, with and without sunlight.

3. Protection continue.
Toujours actif, 24 heures sur 24, avec et sans lumière du soleil.

3. Dauerschutz.
Rund um die Uhr aktiv, mit oder ohne Sonnenlicht.



4. Qualità garantita.
dalla partnership con MICROBAN®

4. Guaranteed quality.
by the partnership with MICROBAN®

4. Qualité garantie.
du partenariat avec MICROBAN®

4. Garantierte Qualität.
dank der Partnership mit MICROBAN®

PANARIAgroup®

www.panariagroup.it

Lea Ceramiche



SLIMTECH LEALAB.

Con Lealab il gres laminato Slimtech diventa materiale mutante in grado di rispondere ad esigenze progettuali inaspettate e sorprendenti.

La competenza tecnica di Lea Ceramiche e la sua naturale attitudine a produrre prodotti di qualità, costituiscono assoluta garanzia per supportare, in ogni sua fase, qualsiasi progetto in architettura, come nel residenziale.

Lealab rappresenta l'avanguardia nella personalizzazione del prodotto ceramico.

Per ogni informazione: www.leaceramiche.com.

With Lealab, Slimtech laminated porcelain stoneware becomes a material that transforms to suit the needs of the most unexpected and surprising project requirements. Lea Ceramiche's technical skills and its natural penchant for producing high quality products are an absolute

guarantee of its ability to support, at every stage, any architectural or residential project. Lealab is at the forefront in the personalization of ceramic products.

For more informations please visit www.leaceramiche.com.

Avec Lealab, le grès laminé Slimtech devient un matériau changeant en mesure de répondre à des exigences de projet inattendues et étonnantes. La compétence technique de Lea Ceramiche et sa propension naturelle à fabriquer des produits de qualité constituent une

garantie absolue pour assumer n'importe quelle phase d'un projet, aussi bien en architecture que dans le domaine résidentiel. Lealab représente l'avant-garde de la personnalisation du produit en céramique.

Pour toute information : www.leaceramiche.com.

Mit Lealab wird das laminierte Feinsteinzeug Slimtech zu einem mutierenden Material, in der Lage den unerwarteten und überraschenden Designanforderungen entgegen zu kommen. Die technische Kompetenz von Lea Ceramiche

und ihre natürliche Fähigkeit, qualitativ hochwertige Produkte herzustellen, bilden eine absolute Garantie, um jedes architektonische Projekt in jeder hase, wie im Wohnbereich, zu unterstützen. Lealab steht für den Fortschritt bei der

Personalisierung von keramischen Produkten.

Für weitere Informationen: www.leaceramiche.com.



ELEPHOUNTAIN - CIBIC WORKSHOP

02.

The Coll

ections.

02a.

La forza primitiva delle pietre naturali si rinnova sulla materia ceramica con reinterpretazioni inedite ed originali. Grafiche ed attraenti superfici tattili sono il risultato di una rigorosa ricerca materica e di tecnologie all'avanguardia.

La force primitive des pierres naturelles se rénove sur la céramique avec des réinterprétations inédites et originales. Le graphisme et les surfaces tactiles attrayantes sont le résultat d'une recherche rigoureuse de la matière et des technologies de pointe.

The primitive strength of natural stone is renewed on ceramic material with unique and original reinterpretations. Graphic and attractive tactile surfaces are the result of rigorous material research and cutting-edge technologies.

Die Urkraft der Natursteine wird an der Keramikmaterie mit bisher unbekanntem und originellen Neuinterpretationen modernisiert. Graphiken und anziehende „fühlbare“ Oberflächen sind das Ergebnis einer konsequenten Materialforschung und von Hightech.

Stone.



Nextone.
44 / 65



Waterfall.
66 / 85



Cliffstone.
86 / 95



Basaltina Stone Project.
and Mauk design Diego Grandi
96 / 113

stone



FLOOR

Next Gray 120x120



WALL

Next Gray 120x260
Graf Next Dark 120x260



DESK

Next Dark 120x260

Nextone.



stone

WALL
Mark Next Gray 30x60
Gamma 72 Next Gray

FLOOR
Next Gray 60x120 nat

Ⓢ Mark Next Gray 30x60





WALL
Next Taupe 120x260



FLOOR
Next Taupe 120x120



stone

⊠ WALL
Next Taupe 30x60 nat
Mosaico 144 Next Taupe
Mosaico Mix Next Taupe

⊠ FLOOR
Next Taupe 60x60 nat

Lea Ceramiche

Ⓢ Mosaico Mix Next Taupe



stone



Ⓢ FURNITURE
Next White 120X260

Ⓢ FLOOR
Next White 90x90 nat

Lea Ceramiche



Ⓢ WALL
Next Dark 120x260

Ⓢ FLOOR
Next Dark 120x120

stone



Next Dark 60x60 lapp

Lea Ceramiche



WALL
Line Next Dark 30x60

FLOOR
Dot Next Dark 60x60

stone



Next Gray L2 60x120 grip

Lea Ceramiche



Nextone.

3-TECH PROJECT

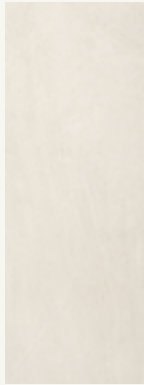


Spessore / Thickness / Epaisseur / Stärke
6mm

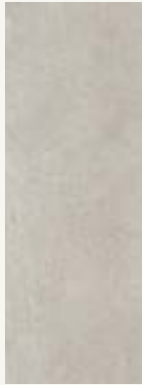
PROTECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben

Next
White



Next
Gray



Next
Taupe



Next
Dark

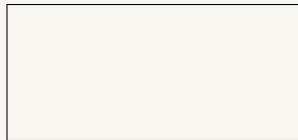


2 Formati / Sizes / Formats / Formate ^{LR^T}

SLIMTECH



120x120cm
48"x48"



120x260cm
48"x102"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

Lea Ceramiche



Esplora Nextone su real.leaceramiche.com
Explore Nextone on real.leaceramiche.com

Spessore / Thickness / Epaisseur / Stärke
9,5mm

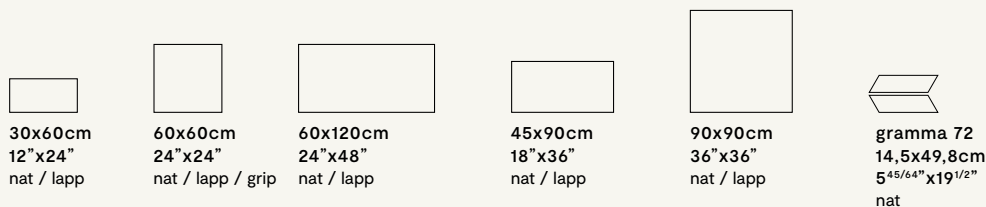
PROTECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben



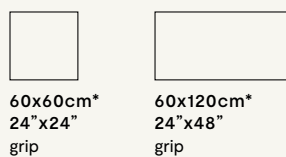
6 Formati / Sizes / Formats / Formate ^{LR^T}

gres porcellanato



Spessore / Thickness / Epaisseur / Stärke
20mm

L2 - 20mm



3 Finiture / Finishes / Surfaces / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

LAPP



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

GRIP



esterno
outdoor
extérieur
Außenbereiche

* Protezione antibatterica non presente
No antimicrobial protection



Decori

Decors / Decors / Dekore

Graf

Next Dark A



Next Dark B



Next Dark C



Next Gray A - B - C

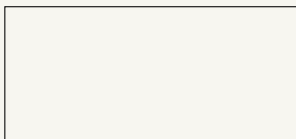


Next Taupe A - B - C

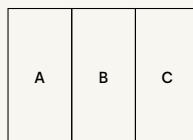


Formati ^{RT1}

Sizes / Formats / Formate



120x260cm
48"x102"





© Graf Next Dark 120x260

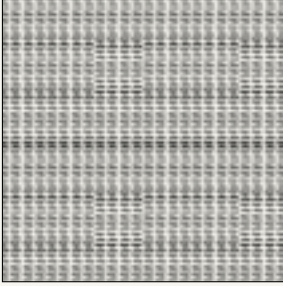


Varianti

Variations / Variantes / Varianten

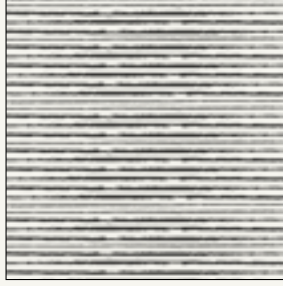
DOT*

60x60cm / 24"x24"
nat



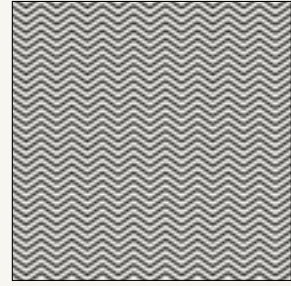
LINE*

60x60cm / 24"x24"
nat

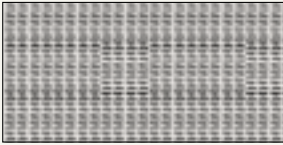


MARK*

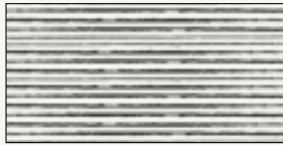
60x60cm / 24"x24"
nat



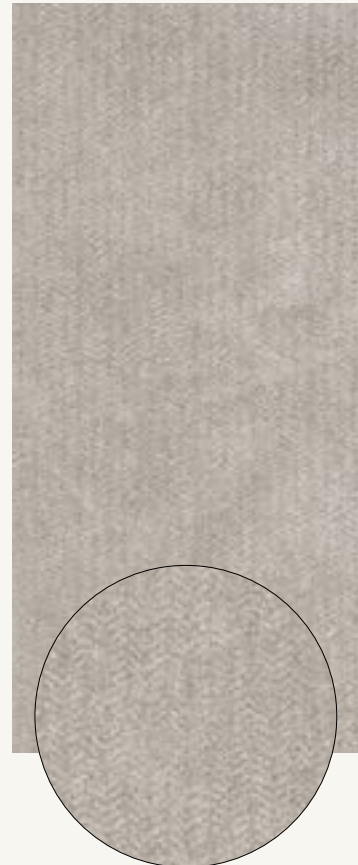
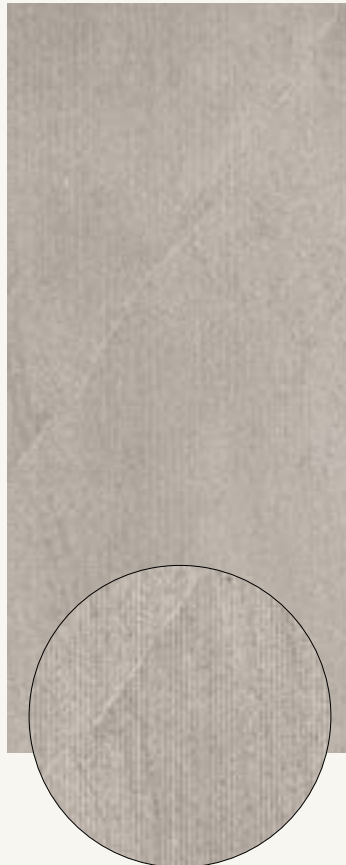
30x60cm / 12"x24"
nat



30x60cm / 12"x24"
nat



30x60cm / 12"x24"
nat



Mosaici

Mosaics / Mosaïques / Mosaik

Formati speciali

Special sizes / Formats spéciaux / Sonderformate

Pezzi speciali

Trims / Pièces spéciales / Formstücke

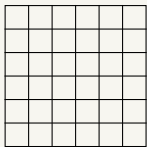
MURETTO*

30x60cm / 12"x24"
nat



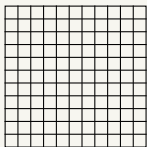
MOSAICO MIX**

30x30cm / 12"x12"
nat



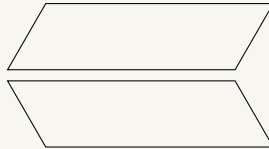
MOSAICO 144*

30x30cm / 12"x12"
nat



GRAMMA 72*

14,5x49,8cm / 5^{45/64}"x 19^{1/2}"
nat



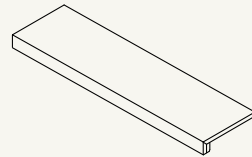
battiscopa*

5,5x60cm / 2^{11/64}"x24" rett
nat / lapp



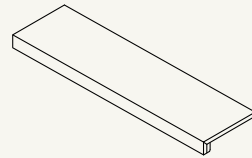
gradino plus***

35x120cm / 13^{3/4}"x48" rett
nat / lapp



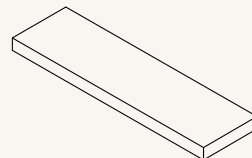
angolo sx gradino plus***

35x120cm / 13^{3/4}"x48" rett
nat / lapp



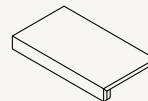
angolo dx gradino plus***

35x120cm / 13^{3/4}"x48" rett
nat / lapp



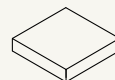
gradino plus***

35x60cm / 13^{3/4}"x24" rett
grip



angolo gradino plus***

35x35cm / 13^{3/4}"x13^{3/4}" rett
grip



*disponibile in tutti i colori
available in all colors
disponible sur toutes les couleurs
Erhältlich für alle Farben

**superfici mixate: nat + dot + line + mark
superfici mixate: nat + dot + line + mark
surfaces mixtes: nat + dot + line + mark
gemischte Oberflächen: nat + dot + line + mark

■ Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.


Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

***Su richiesta
Upon request
Sur demande
auf Anfrage

Gres porcellanato laminato UGL
Laminated porcelain stoneware UGL
Grès cérame laminé UGL
Laminiertes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$ (Nat)	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF ≥ 0.42 (Nat)	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	120x260	48"x102"	1	3,12	44,0	20	62,4	880,0
Fondo	120x120	48"x48"	2	2,88	40,6	25	72,0	1.015,0
Decoro Graf	120x260	48"x102"	1	3,12	44,0	20	62,4	880,0

Gres tutta massa UGL
Full-body porcelain UGL
Grès Cérame pleine masse UGL
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1 	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5-6 mm Approx (*)
	BCR-TORTUS	$\mu > 0,40$ (Nat - Grip - 20mm)	
	ANSI A326.3	DCOF ≥ 0.42	
	AS/NZS 4586:2013	P3 (Nat) P4 (Grip - 20mm)	
	BS 7976:2002	PTV 36+ WET (SI.96) (Nat) PTV 36+ WET (SI.55) (Grip - 20mm)	

(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali
Decision by the Construction Manager / National Laying Standards
Décision établie par la Direction des Travaux / Codes de Pose
Nationaux Die Entscheidung wird von der Bauleitung / gemäß
nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	90x90	36"x36"	2	1,62	34,6	25	40,5	864,5
Fondo	45x90	18"x36"	3	1,22	25,9	30	36,5	777,3
Fondo Gramma 72	49,8x16,9	19 ^{1/2} "x6 ^{5/8} "	14	1,01	21,9	32	32,3	699,2
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico Mix	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Mosaico 144	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	5,5x60	2 ^{11/64} "x24"	12	7,2 m.l.	8,1	50	360 m.l.	404,7
Gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	11,0	64	26,9	705,3
Angolo gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	11,8	16	6,7	188,5
Gradino plus	35x60	13 ^{3/4} "x24"	2	0,42	10,1	32	13,4	322,2
Angolo gradino plus	35x35	13 ^{3/4} "x13 ^{3/4} "	2	0,25	6,4	36	8,8	229,1
Fondo (20mm)	60x60	24"x24"	2	0,72	32,5	32	23,0	1.040,0
Fondo (20mm)	60x120	24"x48"	1	0,72	32,5	32	23,0	1.040,0

stone



Lea Ceramiche

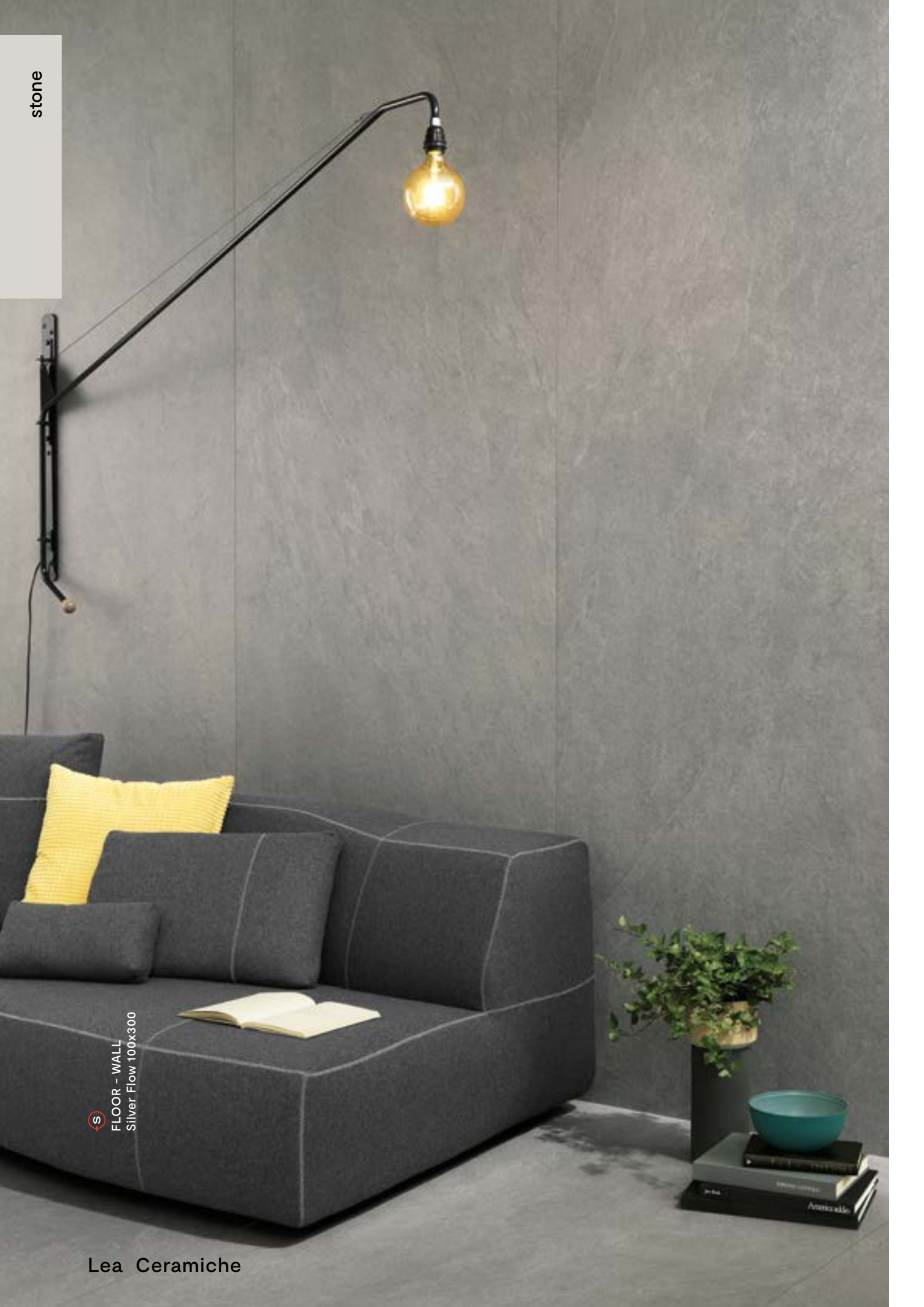
Waterfall.




WALL
Dark Flow 100x300
Ivory Flow 100x300

FLOOR
Gray Flow 100x100

stone



 FLOOR - WALL
Silver Flow 100x300

Lea Ceramiche



WALL
Dark Flow 100x300

FLOOR
Gray Flow 100x100

stone

Dark Flow 60x60 lapp

Lea Ceramiche





WALL
Dark Flow 30x60 lapp
Mosaico 36 Dark Flow lapp

FLOOR
Dark Flow 60x60 lapp

Ⓢ CHEVRON / Gray Flow Gramma 72 nat





WALL
Brick Gray Flow lapp

FLOOR
Silver Flow 60x120 nat

stone

Ⓢ

WALL
NEST Ivory Flow
ettagono - triangolo L25

Ⓛ

FLOOR
Dark Flow 60x120 lapp



Ⓢ BASKET / Silver Flow Gramma 16 dx nat
Dark Flow Gramma 66 sx nat



stone



WALL
Muretto 3D Ivory Flow lapp

FLOOR
Ivory Flow 90x90 nat



◊ Ivory Flow 90x90 nat

stone



IVL
Ivory Flow L2 45x90 grip
Gray Flow L2 trims grip

Lea Ceramiche



Waterfall.

3-TECH PROJECT



Spessore / Thickness / Epaisseur / Stärke
5,5mm → slimtech 5plus

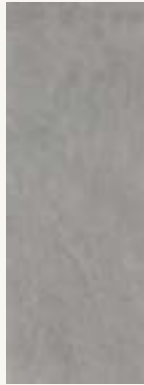
PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben

Ivory
Flow



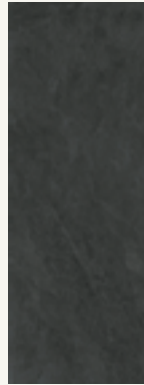
Silver
Flow



Gray
Flow

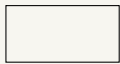


Dark
Flow



3 Formati / Sizes / Formats / Formate ^{LR^T}

S^{5plus} LIMTECH



50x100cm
19¹/₂"x39"
slimtech 5plus



100x100cm
39"x39"
slimtech 5plus



100x300cm
39"x118"
slimtech 5plus

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

Lea Ceramiche



Esplora Waterfall su real.leaceramiche.com
Explore Waterfall on real.leaceramiche.com



Spessore / Thickness / Epaisseur / Stärke
9,5mm

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben



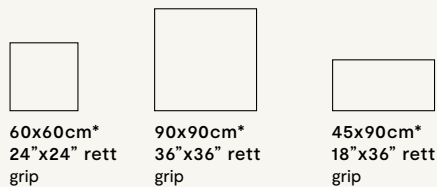
8 Formati / Sizes / Formats / Formate ^{RT}

gres porcellanato



Spessore / Thickness / Epaisseur / Stärke
20mm

L2 - 20mm



3 Finiture / Finishes / Surfaces / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

LAPP



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

GRIP



esterno
outdoor
extérieur
Außenbereiche

* Protezione antibatterica non presente
No antimicrobial protection



Mosaici

Mosaics / Mosaïques / Mosaik

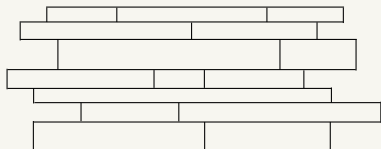
Formati speciali

Special sizes / Formats spéciaux / Sonderformate

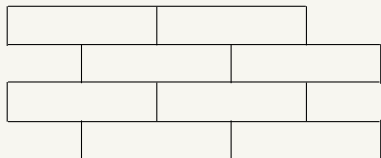
Pezzi speciali

Trims / Pièces spéciales / Formstücke

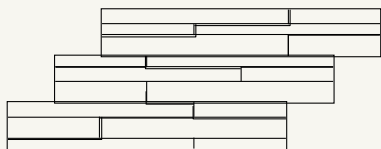
MURETTO*
30x60cm / 12"x24" rett
nat / lapp



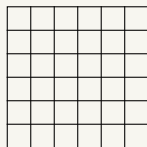
BRICK*
30x60cm / 12"x24" rett
nat / lapp



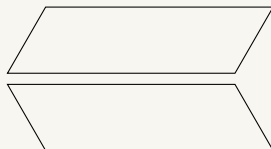
MURETTO 3D*
30x60cm / 12"x24" rett
nat / lapp



MOSAICO 36*
30x30cm / 12"x12" rett
nat / lapp



■ **GRAMMA 72***
14,5x49,8cm / 5^{3/4}"x19^{1/2}" rett
nat



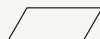
■ **GRAMMA 66 SX***
16,9x39,2cm / 6^{5/8}"x15^{3/8}" rett
nat



■ **GRAMMA 66 DX***
16,9x39,2cm / 6^{5/8}"x15^{3/8}" rett
nat



■ **GRAMMA 16 DX***
8,3x19,5cm / 3^{1/4}"x7^{5/8}" rett
nat



■ **GRAMMA 16 SX***
8,3x19,5cm / 3^{1/4}"x7^{5/8}" rett
nat



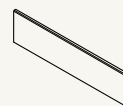
■ **Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.**

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

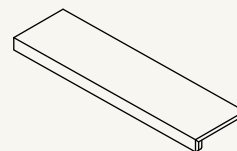
Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

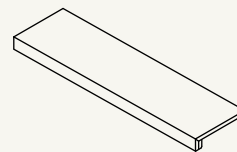
battiscopa*
10x60cm / 4"x24" rett
nat / lapp



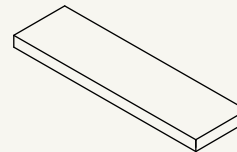
gradino plus**
35x120cm / 13^{3/4}"x48" rett
nat / lapp



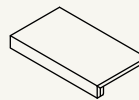
angolo sx gradino plus**
35x120cm / 13^{3/4}"x48" rett
nat / lapp



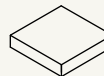
angolo dx gradino plus**
35x120cm / 13^{3/4}"x48" rett
nat / lapp



gradino plus**
35x60cm / 13^{3/4}"x24" rett
grip



angolo gradino plus**
35x35cm / 13^{3/4}"x13^{3/4}" rett
grip

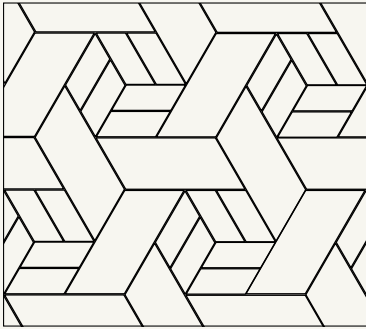


*disponibile in tutti i colori
available in all colors
disponible sur toutes les couleurs
Erhältlich für alle Farben

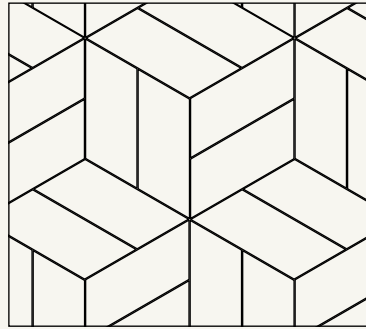
**Su richiesta
Upon request
Sur demande
auf Anfrage

Composizioni a moduli sfusi

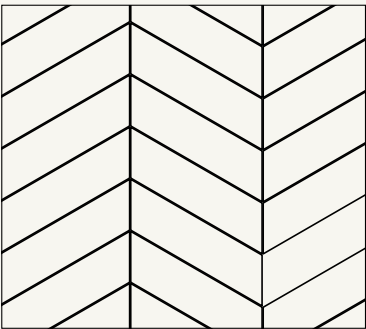
Tile layouts in loose modules / Compositions en modules en vrac / Kompositionen mit Einzelmodulen



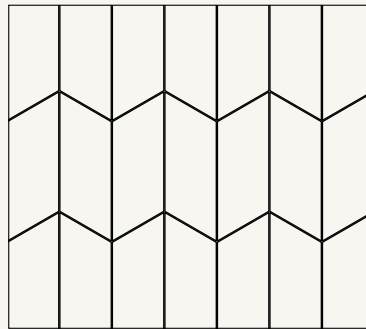
■ BASKET Gramma 66 SX 67%
Gramma 16 DX 33%



■ TWIST Gramma 66 DX 100%




■ CHEVRON Gramma 72 100%



■ ARROW Gramma 66 DX 50% - SX 50%

Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF ≥ 0.42	OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual


Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0
Fondo 5plus	50x100	19 ^{1/2} "x39"	3	1,50	18,9	32	48,0	604,8

Gres tutta massa UGL
Full-body porcelain UGL
Grès Cérame pleine masse UGL
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1 	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5-6 mm Approx (*)
	BCR-TORTUS	$\mu > 0,40$ (Nat - Grip - 20mm)	
	ANSI A326.3	DCOF ≥ 0.42 (Nat - Grip - 20mm)	
	AS/NZS 4586	P3 (Nat) / P4 (Grip - 20mm)	
	BS 7976-2	PTV 36+Wet (Sl. 96) (Nat)	

(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali
Decision by the Construction Manager / National Laying Standards
Décision établie par la Direction des Travaux / Codes de Pose
Nationaux Die Entscheidung wird von der Bauleitung / gemäß
nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	32,1	36	51,8	1.156,3
Fondo	90x90	36"x36"	2	1,62	36,2	25	40,5	905,7
Fondo	45x90	18"x36"	3	1,22	27,1	30	36,5	814,3
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Muretto 3d	30x60	12"x24"	4	0,68	15,7	30	20,5	471,0
Brick	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico 36	30x30	12"x12"	5	0,45	9,0	60	27,0	542,9
Gamma 72	49.8x14.5	19 ^{1/2} "x5 ^{3/4} "	14	1,01	20,8	32	32,3	665,9
Gamma 66	39.2x16.9	15 ^{3/8} "x6 ^{5/8} "	10	0,66	14,9	40	26,4	597,1
Gamma 16	19.5x8.3	7 ^{5/8} "x3 ^{1/4} "	14	0,22	5,1	80	17,9	405,3
Battiscopa	10x60	4"x24"	12	7,2 m.l.	14,5	60	432 m.l.	868,6
Gradino plus	35x120	13 ^{3/4} "x48"	2	0,84	21,0	16	13,4	335,8
Angolo gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	11,2	16	6,7	179,5
Gradino plus	35x60	13 ^{3/4} "x24"	4	0,84	19,2	16	13,4	306,9
Angolo gradino plus	35x35	13 ^{3/4} "x13 ^{3/4} "	2	0,25	6,1	36	8,8	218,2
Fondo (20mm)	90x90	36"x36"	1	0,81	37,3	30	24,3	1.119,0
Fondo (20mm)	45x90	18"x36"	2	0,81	36,2	24	19,4	869,5
Fondo (20mm)	60x60	24"x24"	2	0,72	32,5	32	23,0	1.040,0

stone



White Dover 90x90 lapp

Lea Ceramiche

Cliffstone.



stone



FLOOR
Taupe Moher 60x120 nat

Lea Ceramiche



FLOOR
Beige Madeira 60x60 / 30x60 nat

⊕ FLOOR
Grey Tenerife 60x60 nat




⊕ WALL
Grey Tenerife 60x60 / 30x60 nat

⊕ FLOOR
Grey Tenerife 60x60 nat



Gres tutta massa UGL
Full-body porcelain UGL
Grès Cérame pleine masse UGL
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5-6 mm Approx (*)
	B.C.R. - TORTUS	$\mu > 0,40$ (Nat - Grip - 20mm)	
	ANSI A326.3	DCOF ≥ 0.42	
	AS/NZS 4586	P3 (Nat) P4 (Grip - 20mm)	
	BS 7976-2	PTV 36+Wet (Sl. 96) (Nat)	
			(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	30,4	36	51,8	1.094,0
Fondo	90x90	36"x36"	2	1,62	34,6	25	40,5	864,5
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico 16	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	14,4	60	432 m.l.	864,0
Gradino plus	35x120	13 ^{3/4} "x48"	2	0,84	22,0	16	13,4	352,6
Angolo gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	11,8	16	6,7	188,5
Gradino plus	35x60	13 ^{3/4} "x24"	4	0,84	20,1	16	13,4	322,2
Angolo gradino plus	35x35	13 ^{3/4} "x 13 ^{3/4} "	2	0,25	6,4	36	8,8	229,1
Fondo (20mm)	60x60	24"x24"	2	0,72	33,6	32	23,0	1.075,2

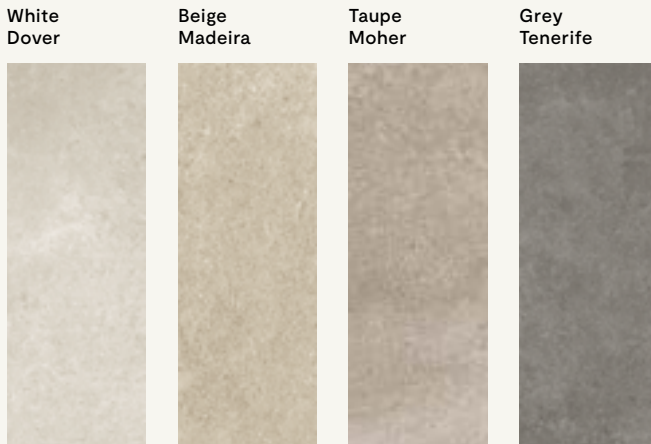
Cliffstone.




Spessore / Thickness / Epaisseur / Stärke
9,5mm

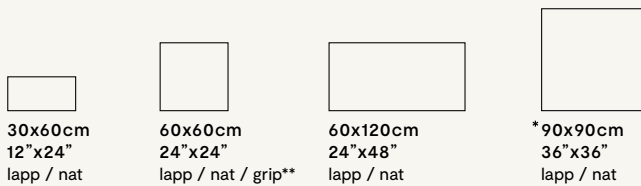
PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben




4 Formati / Sizes / Formats / Formate ^{RT}

 gres porcellanato



*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:
White Dover

Spessore / Thickness / Epaisseur / Stärke
20mm

 L2 - 20mm



3 Finiture / Finishes / Surfaces / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

LAPP



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

GRIP



esterno
outdoor
extérieur
Außenbereiche

** Protezione antibatterica non presente
No antimicrobial protection



Mosaici

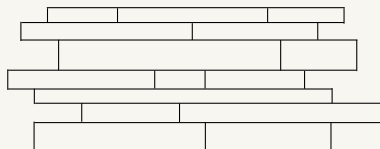
Mosaics / Mosaïques / Mosaik

Pezzi speciali

Trims / Pièces spéciales / Formstücke

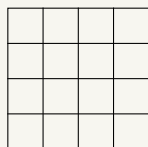
MURETTO*

30x60cm / 12"x24"
lapp



MOSAICO 16*

30x30cm / 12"x12"
lapp



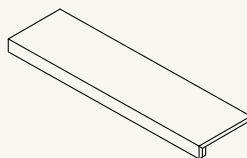
battiscopa*

10x60cm / 4"x24" rett
nat / lapp



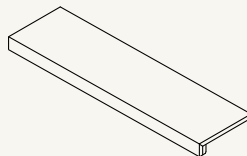
gradino plus**

35x120cm / 13^{3/4}"x48" rett
nat / lapp



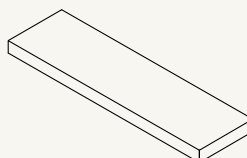
angolo sx gradino plus**

35x120cm / 13^{3/4}"x48" rett
nat / lapp



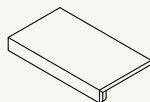
angolo dx gradino plus**

35x120cm / 13^{3/4}"x48" rett
nat / lapp



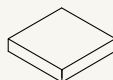
gradino plus**

35x60cm / 13^{3/4}"x24" rett
grip



angolo gradino plus**

35x35cm / 13^{3/4}"x13^{3/4}" rett
grip



*disponibile in tutti i colori
available in all colors
disponible sur toutes les couleurs
Erhältlich für alle Farben

**Su richiesta
Upon request
Sur demande
auf Anfrage



FLOOR
Beige Madeira L2 60x60 grip



WALL
Naturale 100x300



FLOOR
Naturale 100x100

Basaltina Stone Project.

and Mauk design Diego Grandi



stone



WALL
Sabbiata 100x300



FLOOR
Sabbiata Velvet 60x120





WALL

Stuccata 100x300
Naturale 50x100



FLOOR

Stuccata 100x100
Naturale 100x100

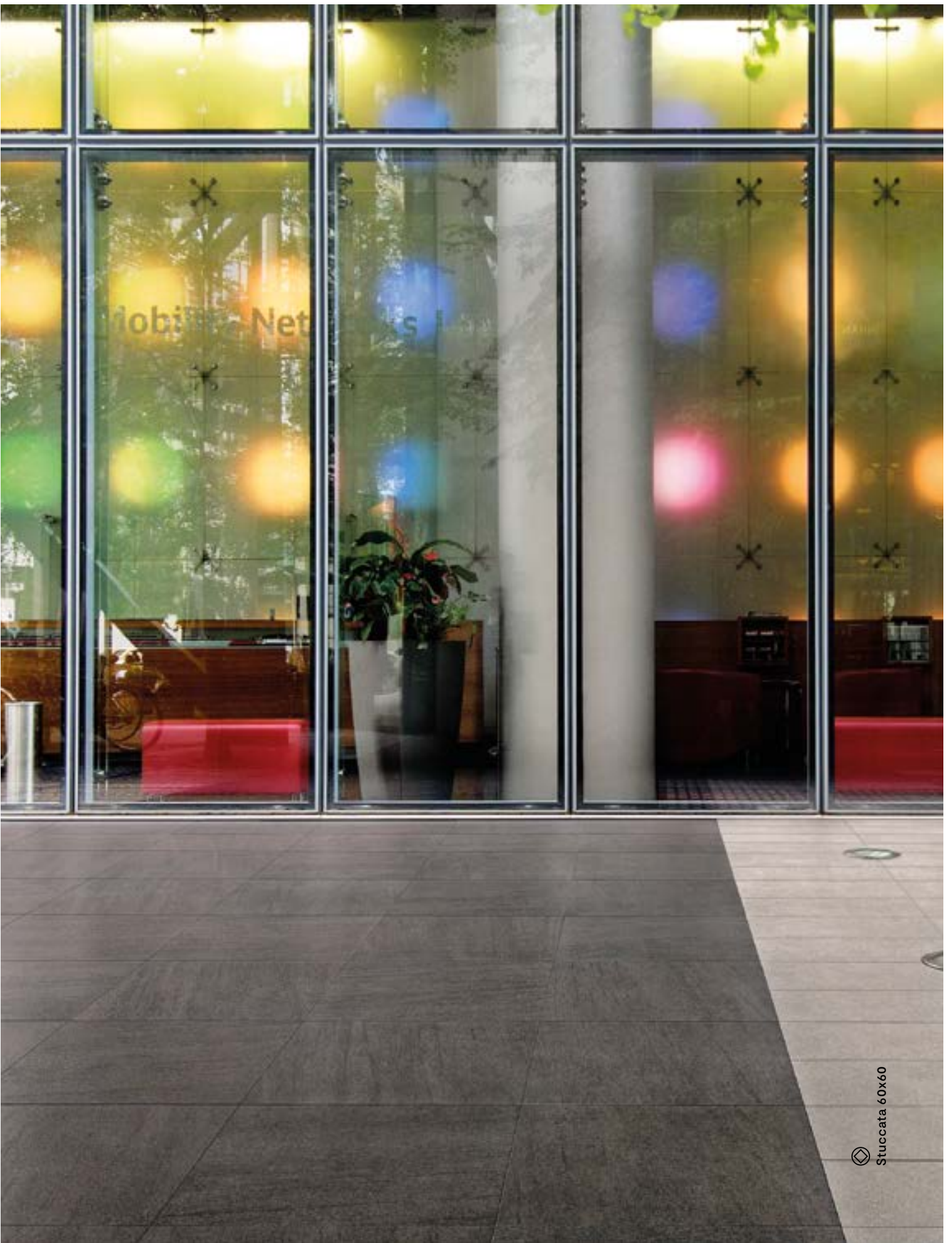


stone



 Stuccata 60x60

Lea Ceramiches



Stuccata 60x60



stone

 Mauk Cuadra

Lea Ceramiche


Mauk.

design Diego Grandi



stone



 Mauk Spina

Lea Ceramiche

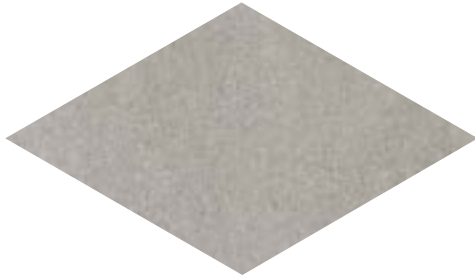


Decori

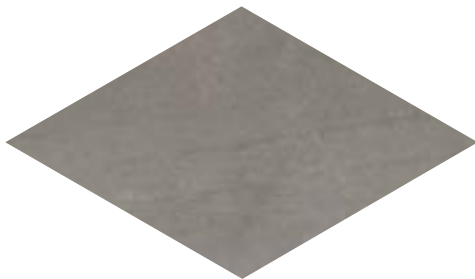
Decors / Decors / Dekore

Mauk design Diego Grandi

Cuadra



Sabbiata



Naturale



Stuccata

Esa



Sabbiata



Naturale



Stuccata

Spina



Sabbiata



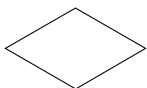
Naturale



Stuccata

Formati ^{RT}

Sizes / Formats / Formate



Cuadra
L 57,6cm / 22^{5/8}"



Esa
L 38,5cm / 15^{1/8}"



Spina
Base maggiore
26,0cm / 10^{1/8}"

Base minore
13,5cm / 5^{3/8}"

Lati
8,8cm / 3^{3/8}"



Basaltina Stone Project.

and Mauk design Diego Grandi



Spessore / Thickness / Epaisseur / Stärke

3,5mm → slimtech 3plus

3 Colori / Colors / Couleurs / Farben

Sabbaiata

Naturale

Stuccata



7 Formati / Sizes / Formats / Formate ^{RT}

SLIMTECH



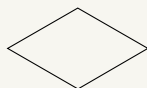
Spina
Base maggiore
26,0cm / 10^{1/8}"

Base minore
13,5cm / 5^{3/8}"

Lati
8,8cm / 3^{3/8}"



Esa
L 38,5cm / 15^{1/8}"



Cuadra
L 57,6cm / 22^{5/8}"



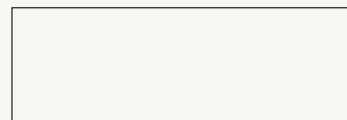
4,9x100cm
2"x39"



50x100cm
19^{1/2}"x39"



100x100cm
39"x39"



100x300cm
39"x118"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

Lea Ceramiche



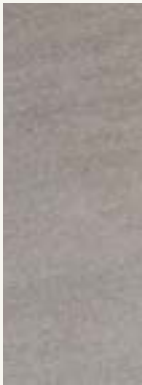
Spessore / Thickness / Epaisseur / Stärke
11mm (30x60 - 60x60) / 12mm (60x120)

3 Colori / Colors / Couleurs / Farben


Sabbiata Velvet

Naturale

Stuccata



3 Formati / Sizes / Formats / Formate ^{LR^T}

 gres porcellanato



30x60cm
12"x24"



60x60cm
24"x24"



60x120cm
24"x48"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen



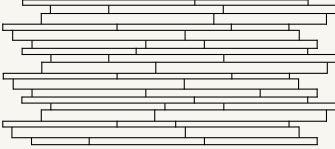
Mosaici

Mosaics / Mosaïques / Mosaik

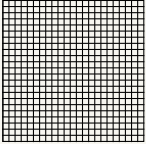
Pezzi speciali

Trims / Pièces spéciales / Formstücke

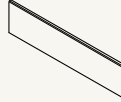
MURETTO*
30x60cm / 12"x24"



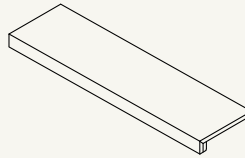
MOSAICO 1*
28,5x28,5cm / 11¹/₄"x11¹/₄"



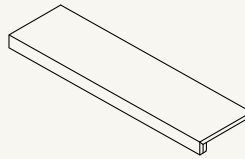
battiscopa*
10x60cm / 4"x24" rett



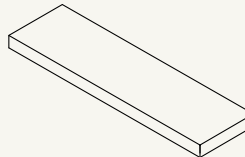
gradino plus**
35x120cm / 13³/₄"x48" rett



angolo sx gradino plus**
35x120cm / 13³/₄"x48" rett



angolo dx gradino plus**
35x120cm / 13³/₄"x48" rett



raccordo jolly**
1,3x30cm / 1/2"x12" rett



beak jolly**
1,3x1,3cm / 1/2"x1/2" rett



*disponibile in tutti i colori
available in all colors
disponible sur toutes les couleurs
Erhältlich für alle Farben


**Su richiesta / Upon request / Sur demande / auf Anfrage



Ⓢ Ⓞ
Naturale 30x60
Sabbiaia 60x60

Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R9	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF ≥ 0.42	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 3plus	100x300	39"x118"	1	3,00	23,4	20	60,0	468,0
Fondo 3plus	100x100	39"x39"	3	3,00	23,4	25	75,0	585,0
Fondo 3plus	50x100	19½"x39"	5	2,50	19,5	32	80,0	624,0
Fondo 3plus	4,9x100	2"x39"	10	0,49	3,8	39	19,1	148,2
Cuadra 3plus	57,6	22½"	6	1,73	15,5	5	8,6	77,5
Esa 3plus	38,5	15½"	12	0,77	6,4	20	15,4	127,0
Spina 3plus	26,0x13,5x8,8	10½"x5½"x3¾"	15	0,18	1,5	80	14,8	120,0

Gres tutta massa UGL
 Full-body porcelain UGL
 Grès Cérame pleine masse UGL
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R10 BCR-TORTUS $\mu > 0,40$ ANSI A326.3 DCOF ≥ 0.42	RECT 2 mm (INDOOR) OUTDOOR 5-6 mm Approx (*)



(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali
 Decision by the Construction Manager / National Laying Standards
 Décision établie par la Direction des Travaux / Codes de Pose
 Nationaux Die Entscheidung wird von der Bauleitung / gemäß
 nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	40,8	15	21,6	612,0
Fondo	60x60	24"x24"	4	1,44	35,0	24	34,6	840,0
Fondo	30x60	12"x24"	8	1,44	34,9	32	46,1	1.116,8
Mosaico 1	28,5x28,5	11 ^{1/4} "x11 ^{1/4} "	5	0,41	7,8	48	19,5	372,0
Muretto	30x60	12"x24"	4	0,72	15,2	30	21,6	456,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	18,0	55	396 m.l.	990,0
Gradino plus	35x120	13 ^{3/4} "x48"	2	0,84	23,2	16	13,4	371,2
Angolo gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	13,5	16	6,7	216,0
Raccordo jolly	1,3x30	1/2"x12"	8	0,03	0,3	-	-	-
Beak	1,3x1,3	1/2"x1/2"	4	-	-	-	-	-

02b.

La memoria delle essenze marmoree, con la monumentale bellezza delle venature, prende vita attraverso le superfici ceramiche e restituisce una nuova materia dal forte valore espressivo ed emozionale.

La mémoire des types de marbres, avec la beauté monumentale des marbrures, prend vie grâce aux surfaces céramiques et redonne un nouveau matériau à forte valeur expressive et émotionnelle.

The memory of marble essences with the monumental beauty of grains comes to life through ceramic surfaces and results in a new material with a strong expressive and emotional value.

Die Erinnerung an die Marmorsorten mit der unbeschreiblichen Schönheit der Maserungen erwacht durch die Keramikflächen zu neuem Leben und gibt ein sehr ausdrucksstarkes und emotionales Material zurück.

Marble.

⊕ ⊞ **Delight.**
116 / 137

⊕ ⊞ **Timeless Marble.**
and Filigrane design Philippe Nigro
138 / 155

⊞ **Dreaming.**
156 / 171

Ⓢ
DESK
Marquina Nero lev

Ⓢ
WALL
Butterfly Venato Bianco 120x260 lev

Ⓢ
FLOOR
Venato Bianco 120x260 nat

Delight.



marble

↺
Venato Bianco 120x260 nat



Lea Ceramiche



WALL

Joy Venato Bianco 30x60 lux
Venato Bianco 120x260 lev



FLOOR

Venato Bianco 88x88 lux

marble



Lea Ceramiche



© Marquina Nero 120x260 lev

marble



WALL

Mosaico 36 Marquina Nero lux



FLOOR

Mosaico 36 Marquina Nero nat

Lea Ceramiche



Ⓢ
WALL
Marquina Nero nat

Ⓢ
FLOOR
Marquina Nero lev

marble



WALL

Butterfly Calacatta Oro 120x260 lev



FLOOR

Calacatta Oro 120x120 nat

Lea Ceramiche



Ⓢ
FLOOR
Calacatta Oro lev

Ⓢ
WALL
Calacatta Oro touch



marble

TABLE
Calacatta Oro 120x260 touch

FLOOR
Calacatta Oro 90x90 nat



Lea Ceramiche



Calacatta Oro 90x90 nat

marble



WALL
Invisible Light 12 x 150 rev



FLOOR
Invisible Light 60x120 lux



WALL

Invisible Light 120x260 touch



FLOOR

Invisible Light 120x120 nat

Delight.

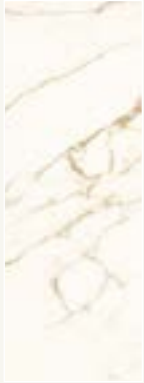


Spessore / Thickness / Epaisseur / Stärke
6mm

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben

Calacatta
Oro



Venato
Bianco



Invisible
Light



Marquina
Nero

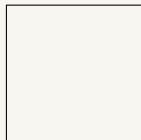


3 Formati / Sizes / Formats / Formate ^{LR^T}

SLIMTECH



60x120cm
24"x48"
nat / lev / touch



120x120cm
48"x48"
nat / lev / touch



120x260cm
48"x102"
nat / lev / touch

3 Finiture / Finishes / Surfaces / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

LEV



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

TOUCH



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



Esplora Delight su real.leaceramiche.com
Explore Delight on real.leaceramiche.com

Spessore / Thickness / Epaisseur / Stärke
9,5mm

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben

Calacatta
Oro



Venato
Bianco



Invisibile
Light



Marquina
Nero



4 Formati / Sizes / Formats / Formate ^{LR⁷}

gres porcellanato



30x60cm
12"x24"
nat / lux



60x60cm
24"x24"
nat / lux



60x120cm
24"x48"
nat / lux



90x90cm
36"x36"
nat

88x88cm
34⁵/₈"x34⁵/₈"
lux

2 Finiture / Finishes / Surfaces / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

LUX



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

marble



WALL
Chain Calacatta Oro 120x260 lev



FLOOR
Calacatta Oro 120x120 lev





Decori

Decors / Decors / Dekore

Chain 120x260cm 48"x102"

Calacatta Oro Lev A



Calacatta Oro Lev B



Calacatta Oro Lev C



Calacatta Oro Lev D



A	B	C	D
---	---	---	---

Butterfly 120x260cm 48"x102"

Calacatta Oro Lev A



Calacatta Oro Lev B



Venato Bianco Lev A



Venato Bianco Lev B



L'immagine è puramente indicativa. La grafica di CHAIN e BUTTERFLY può presentare discontinuità di vena nel passaggio tra le lastre, al pari del materiale naturale. Eventuali differenze fino a 1,5 cm sono dunque da considerarsi caratteristica del prodotto.

The picture is purely illustrative. The graphic design of CHAIN and BUTTERFLY may result in discontinuities in the veining between panels, as with the natural material. Discontinuities of up to 1.5 cm are not defects, but are characteristic of the product.

L'image n'est donnée qu'à titre indicatif. Le graphisme de CHAIN et BUTTERFLY peut présenter une discontinuité du veinage dans le passage entre les dalles, tout comme le matériau naturel. Toute différence jusqu'à 1,5 cm doit donc être considérée comme une caractéristique du produit.

Die Abbildung ist rein indikativ. Die Grafik CHAIN und BUTTERFLY kann wie beim natürlichen Material Maserungs-Diskontinuitäten beim Übergang zwischen den Platten aufweisen. Eventuelle Unterschiede bis zu 1,5 cm gelten daher als produkttypisch.

A	B
---	---

marble



WALL

Joy Venato Bianco 30x60 lux



FLOOR

Venato Bianco 88x88 lux



Lea Ceramiche



Decor

Decors / Articles / Dekore

Mosaici

Mosaics / Mosaïques / Mosaik

JOY

Calacatta Oro
30x60cm / 12"x24"
lux



CHIC

Calacatta Oro
30x60cm / 12"x24"
lux



MOSAICO 36

Calacatta Oro
30x30cm / 12"x12"
nat / lux



MOSAICO CODE

Mar_Cal
30x30cm / 12"x12"
lux



Venato Bianco
30x60cm / 12"x24"
lux



Venato Bianco
30x60cm / 12"x24"
lux



Venato Bianco
30x30cm / 12"x12"
nat / lux



Mar_Ven
30x30cm / 12"x12"
lux



Invisible Light
30x60cm / 12"x24"
lux



Invisible Light
30x60cm / 12"x24"
lux



Invisible Light
30x30cm / 12"x12"
nat / lux



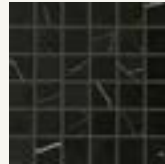
Marquina Nero
30x60cm / 12"x24"
lux



Marquina Nero
30x60cm / 12"x24"
lux




Marquina Nero
30x30cm / 12"x12"
nat / lux



Gres porcellanato laminato UGL
Laminated porcelain stoneware UGL
Grès cérame laminé UGL
Laminiertes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R9 (Nat)	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
 V3	BCR-TORTUS	$\mu > 0,40$ (Nat)	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF ≥ 0.42 (Nat)	
			OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	120x260	48"x102"	1	3,12	43,1	20	62,4	862,0
Fondo	120x120	48"x48"	2	2,88	39,8	25	72,0	995,0
Fondo	60x120	24"x48"	3	2,16	30,3	16	34,6	484,8
Butterfly - Chain	120x260	48"x102"	1	3,12	43,1	20	62,4	862,0

Gres tutta massa UGL
 Full-body porcelain UGL
 Grès Cérame pleine masse UGL
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1 	DIN 51130	R9 (Nat)	RECT 2 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$ (Nat)	OUTDOOR 5 mm Approx (*)
	ANSI A326.3	DCOF ≥ 0.42 (Nat)	
	AS/NZS 4586:2013	P3 (Nat)	
	BS 7976-2	PTV 36+ WET (SI.96) (Nat)	
			(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	cm		Scatola			Pallet		
	cm	inch	pz.	m ²	kg	scat.	m ²	kg
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	88x88	34 ^{5/8} "x34 ^{5/8} "	2	1,55	33,5	25	38,7	838,6
Fondo	90x90	36"x36"	2	1,62	34,6	25	40,5	864,5
Chic	30x60	12"x24"	5	0,90	19,5	-	-	-
Joy	30x60	12"x24"	4	0,72	15,7	-	-	-
Mosaico 36	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Mosaico Code	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	5,5x60	2 ^{11/64} "x24"	12	7,2 m.l.	8,1	50	360 m.l.	404,7
Gradino plus	35x120	13 ^{3/4} "x48"	2	0,84	22,0	16	13,4	352,6
Angolo gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	11,8	16	6,7	188,5

marble



WALL
Pietra Gray 100x300 sat

FLOOR
Pietra Gray 100x300 lev

Lea Ceramiche

Timeless Marble.

and Filigrane design Philippe Nigro



marble

↻ Lasa Bright 100x300 lev



Lea Ceramiche



WALL
Lasa Bright 100x300 lev

FLOOR
Lasa Bright 100x100 lev

marble



FLOOR

Onice Venus 100x100 lev



WALL

Onice Venus 100x300 lev



Onice Venus lev



marble



Safari Amande 50x150 lev



Lea Ceramiche



marble



WALL
Calacatta Gold Extra 100x300 lev




FLOOR
Calacatta Gold Extra 100x100 lev



Statuario White 100x300 lev



marble

 Hyphen Pietra Gray 100x300 sat



Lea Ceramiche


Filigrane.

design Philippe Nigro



marble



 Hyphen Pietra Gray 100x300 sat

Lea Ceramiche



Decori

Decors / Decors / Dekore

Filigrane design Philippe Nigro

Award



archproducts
DESIGN AWARDS

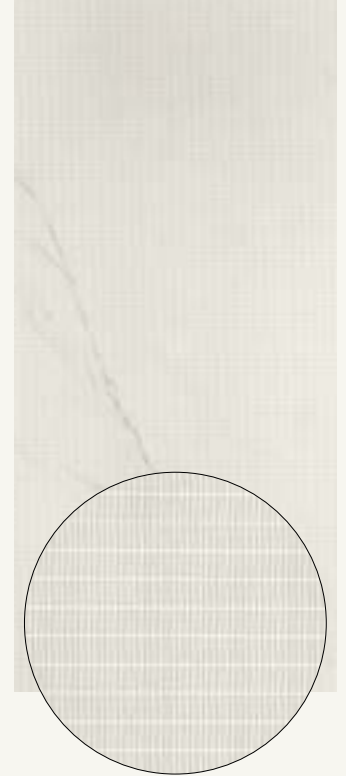
Pearl

Statuario White



Hyphen

Statuario White



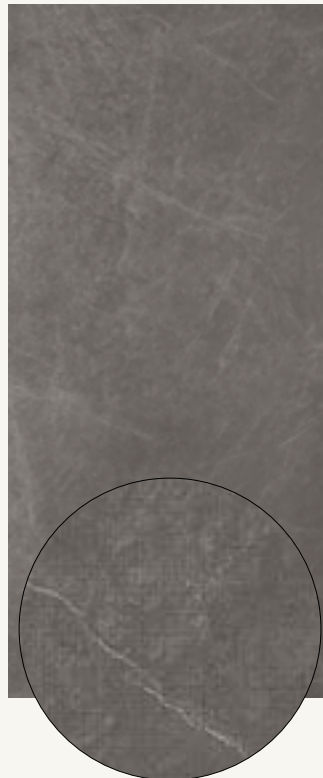
Formati ^{RT}

Sizes / Formats / Formate

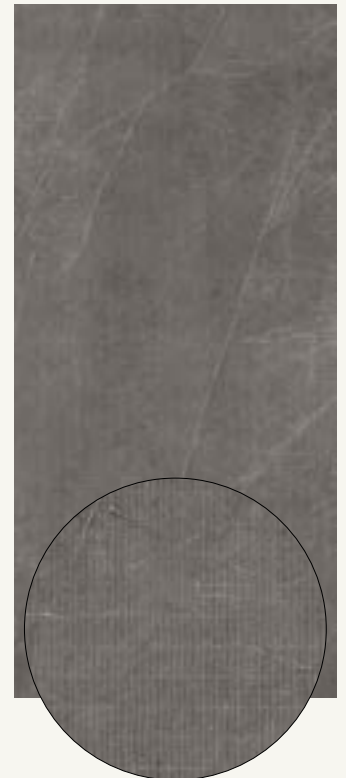


100x300cm
39"x118"

Pietra Gray



Pietra Gray



Finiture

Finishes / Surfaces / Oberfläche

SAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	ANSI A326.3 DCOF \geq 0.42 (Sat)	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
		Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
		OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300*	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0
Fondo 5plus	50x150	19½"x59"	2	1,50	17,5	32	48,0	560,0
Decoro Filigrane	100x300*	39"x118"	1	3,00	34,5	13	39,0	448,5

Timeless Marble.

and Filigrane design Philippe Nigro



Spessore / Thickness / Epaisseur / Stärke
5,5mm → slimtech 5plus

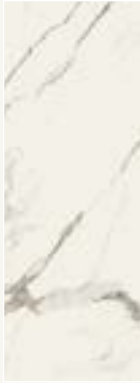
PROTECT
ANTIBATTERICO - ANTIMICROBIAL

6 Colori / Colors / Couleurs / Farben

Statuario
White



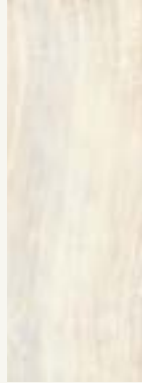
Calacatta
Gold Extra



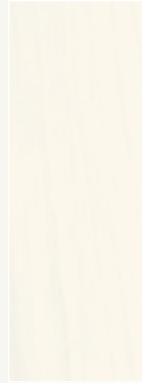
Pietra
Gray



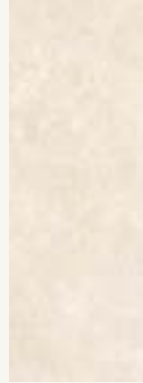
Onice
Venus



Lasa
Bright



Safari
Amande



disponibili in versione: / available in version: /
disponibles en version : / verfügbar in Version:
lev / sat

disponibili in versione: / available in version: /
disponibles en version : / verfügbar in Version:
lev

3 Formati / Sizes / Formats / Formate ^{LR^T}



50x150cm
19½"x59"
slimtech 5plus
lev / sat*



100x100cm
39"x39"
slimtech 5plus
lev / sat*



100x300cm
39"x118"
slimtech 5plus
lev / sat*

*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:
Statuario Bianco, Calacatta Gold Extra, Pietra Gray

2 Finiture / Finishes / Surfaces / Oberfläche

LEV



residenziale
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

SAT




residenziale
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

marble

 Calacatta Butterfly 100x300 lev



Lea Ceramiche



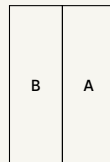
Decori

Decors / Decors / Dekore

Butterfly

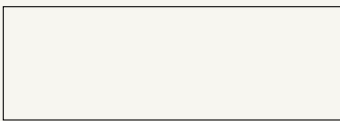
Calacatta Gold Extra B

Calacatta Gold Extra A



Formati ^{RT}

Sizes / Formats / Formate



100x300cm
39"x118"

Finiture

Finishes / Surfaces / Oberfläche

LEV



residenziale
résidentiel
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

SAT



residenziale
résidentiel
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

L'immagine è puramente indicativa.

La grafica di BUTTERFLY può presentare discontinuità di vena nel passaggio tra le lastre, al pari del materiale naturale.

Eventuali differenze fino a 1,5 cm sono dunque da considerarsi caratteristica del prodotto.

The picture is purely illustrative.

The graphic design of BUTTERFLY may result in discontinuities in the veining between panels, as with the natural material.

Discontinuities of up to 1.5 cm are not defects, but are characteristic of the product.

L'image n'est donnée qu'à titre indicatif.

Le graphisme de BUTTERFLY peut présenter une discontinuité du veinage dans le passage entre les dalles, tout comme le matériau naturel.

Toute différence jusqu'à 1,5 cm doit donc être considérée comme une caractéristique du produit.

Die Abbildung ist rein indikativ.

Die Grafik BUTTERFLY kann wie beim natürlichen Material Maserungs-Diskontinuitäten beim Übergang zwischen den Platten aufweisen.

Eventuelle Unterschiede bis zu 1,5 cm gelten daher als produkttypisch.



marble



Ⓢ Lasa Aurora 60x120 lux

Lea Ceramiche

Dreaming.



marble



Lasa Aurora 60x120 lux

Lea Ceramiche

⊗ Mosaico Basic lux



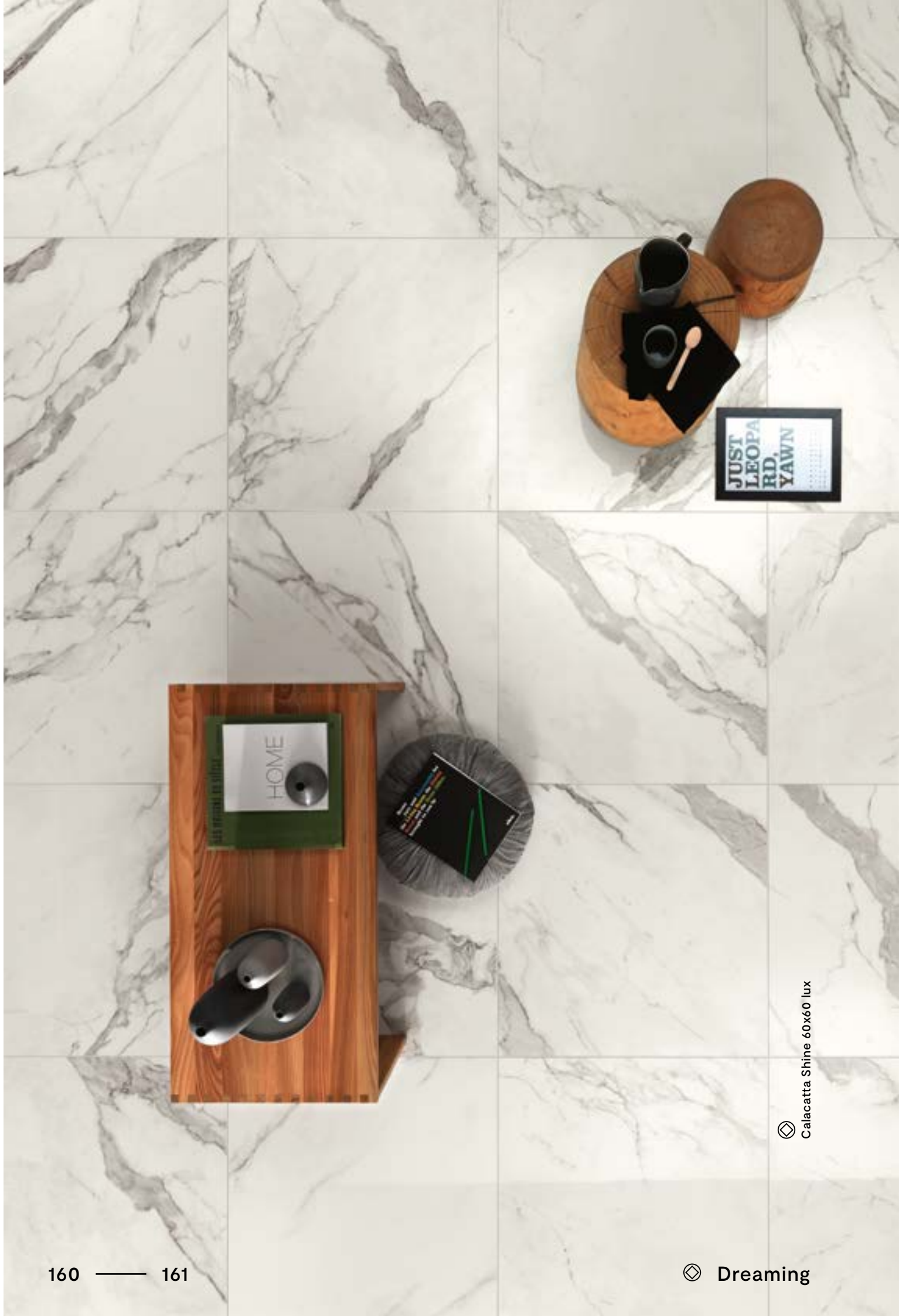
marble



WALL
Mosaico Basic lux

FLOOR
Calacatta Shine 60x120 lux

Lea Ceramiche



JUST
LEOPA
RD,
YAWN



Calacatta Shine 60x60 lux

marble



Lea Ceramiche



◇ Romance Safari 60x60 velvet

marble

⊕ Bianco Statuario 60x60 lux

Lea Ceramiche



Crystal White 60x60 lux



marble

Gray Stone 60x60 lux



Lea Ceramiche



Gres smaltato a massa colorata GL
 Colored-body glazed porcelain GL
 Grès émaillé a masse colorée GL
 Glasiertes Feinsteinzeug mit farbiger masse GL

Stonalizzazione

Resistenza allo scivolamento

Fuga minima consigliata

Shading / Denuançage /
Spielfarbig

Slip resistance / Résistance au
glissement / Rutschfestigkeit

Minimum suggested joint
Joint minimum conseillé
Empfohlene Fugenbreite

ANSI A137.1

ANSI A326.3 DCOF ≥ 0.42 (Velvet)

RECT
2 mm (INDOOR)

OUTDOOR
5 mm Approx (*)



(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali
 Decision by the Construction Manager / National Laying Standards
 Décision établie par la Direction des Travaux / Codes de Pose
 Nationaux Die Entscheidung wird von der Bauleitung / gemäß
 nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo			Scatola			Pallet		
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x120	24"x48"	2	1,44	31,8	36	51,8	1.144,8
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Decoro Scraps	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Mosaico Basic	30x30	12"x12"	4	0,36	7,9	60	21,6	476,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	14,4	60	432 m.l.	864,0
Gradino Plus	35x60	13 ^{3/4} "x24"	4	0,84	20,3	16	13,4	325,3
Angolo Gradino Plus	35x35	13 ^{3/4} "x13 ^{3/4} "	2	0,25	6,4	36	8,8	229,1
Raccordo Jolly	1,3x30	1/2"x12"	16	0,06	1,3	-	-	-
Beak Jolly	1,3x2	1/2"x3/4"	4	-	0,1	-	-	-

Dreaming.



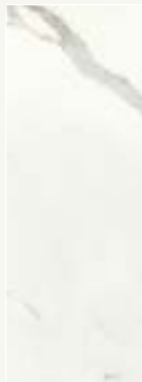
Spessore / Thickness / Epaisseur / Stärke
9,5mm

6 Colori / Colors / Couleurs / Farben

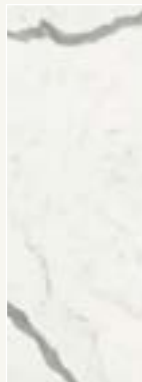
Lasa
Aurora



Calacatta
Shine



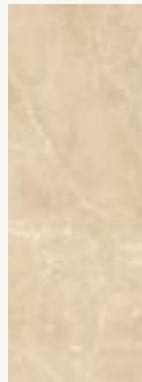
Bianco
Statuario



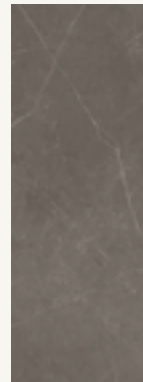
Crystal
White




Romance
Safari



Gray
Stone



3 Formati / Sizes / Formats / Formate ^{LR^T}

 gres porcellanato



30x60cm
12"x24"
velvet / lux



60x60cm
24"x24"
velvet / lux



*60x120cm
24"x48"
velvet / lux

2 Finiture / Finishes / Surfaces / Oberfläche

LUX



residenziale
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

VELVET



residenziale
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:
Bianco Statuario, Calacatta Shine, Gray Stone, Lasa Aurora

marble

Scrap's Gray 60x60 lux



Lea Ceramiche





Decorì

Decors / Articles / Dekore

Mosaici

Mosaics / Mosaïques / Mosaik

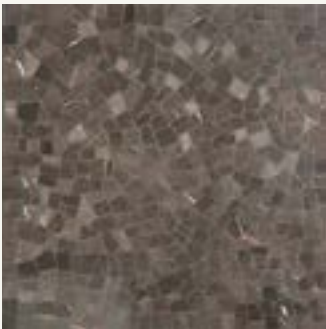
Pezzi speciali

Trims / Pièces spéciales / Formstücke

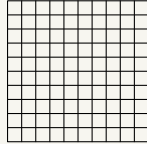
SCRAPS BIANCO
60x60cm / 24"x24" rett
lux



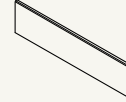
SCRAPS GRAY
60x60cm / 24"x24" rett
lux



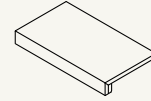
MOSAICO BASIC*
30x30cm / 12"x12"
lux



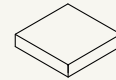
battiscopa*
10x60cm / 4 "x24" rett



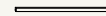
gradino plus**
35x60cm / 13^{3/4}"x24" rett



angolo gradino plus**
35x35 cm / 13^{3/4}"x13^{3/4}" rett



raccordo jolly*
1,3x30cm / 1/2"x12" rett



beak jolly*
1,3x2cm / 1/2"x1/2" rett



*disponibile in tutti i colori
available in all colors
disponible sur toutes les couleurs
Erhältlich für alle Farben

**Su richiesta
Upon request
Sur demande
auf Anfrage

02c.

L'essenzialità di materiali come il cemento e la resina prende forma sulle superfici ceramiche attraverso texture e disegni avvolgenti. Il fascino dello stile industriale, così minimale e pulito, reinventa spazi domestici e architettura.

L'essentialité de matériaux tels que le ciment et la résine prend forme sur les surfaces céramiques grâce à des textures et des motifs enveloppants. Le charme du style industriel, si net et minimaliste, réinvente les espaces domestiques et l'architecture.

Essential materials such as concrete and resin take shape on ceramic surfaces through textures and enveloping designs. The charm of minimal, clean industrial style reinvents domestic spaces and architecture.

Die Essentialität von Materialien wie dem Zement und dem Harz nimmt durch faszinierende Strukturen und Designs auf den Keramikflächen Form an. Der Reiz des so minimalistischen und reinen Industriestils erfindet Wohnräume und die Architektur neu.

Cement & Resin.



Concreto and Zoom.
design Fabio Novembre
174 / 201



Take Care.
and Pad design Patrick Norguet
202 / 219



Trame.
220 / 233



District.
234 / 245



Re-evolution.
246 / 253



Metropolis.
254 / 263



Stoneclay.
Home by Lea
264 / 269

RECEPTION DESK
Concrete Rust

WALL
Foam Medium 120x260
Dry Dark 120x260

FLOOR
Concrete Medium 120x260

Concreto and Zoom.

design Fabio Novembre



Ⓢ
Foam Medium



Ⓢ WALL
Concrete Medium 120x260

Ⓞ FLOOR
Zoom Foam Glow 60x60





Ⓢ WALL
Concrete Medium 120x260
Concrete Extra Light 120x260

Ⓢ FLOOR
Concrete Extra Light 120x120





cement & resin



Concreto Medium

Lea Ceramiche



Ⓢ WALL
Concrete Medium 120x260

Ⓢ FLOOR
Zoom Reef Glow 60x60

cement & resin



WALL
Drops Gold Medium 120x260



FLOOR
Concrete Light 120x120

Concrete Light 120x120





Ⓢ COUNTER
Concrete Rust

Ⓢ WALL
Concrete Rust 120x260

Ⓢ FLOOR
Tide Medium 120x260



cement & resin



WALL
Reef Dark 120x260
Concrete Light 60x120



FLOOR
Concrete Dark 120x120

Reef Dark



Zoom Mix 20





WALL
Concreto Dark 120x260



FLOOR
Zoom Foam Shade 60x60

cement & resin



Concreto Light L2 90x90 grfp



Lea Ceramiche



Concreto Light L2 90x90 grip



Concrete and Zoom.

3-TECH PROJECT

design Fabio Novembre



Spessore / Thickness / Epaisseur / Stärke
6mm

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

5 Colori / Colors / Couleurs / Farben

Award

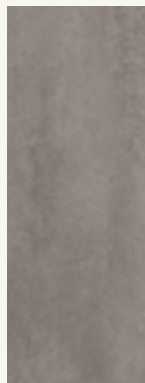
Concrete
Extra Light



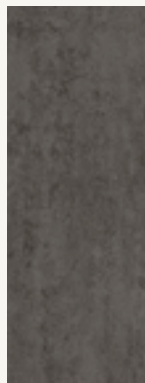
Concrete
Light



Concrete
Medium



Concrete
Dark



Concrete
Rust

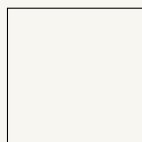


3 Formati / Sizes / Formats / Formate ^{LR^T}

SLIMTECH



60x120cm
24"x48"
nat



120x120cm
48"x48"
nat



120x260cm
48"x102"
nat

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen



Esplora Concreto and Zoom su real.leaceramiche.com
Explore Concreto and Zoom on real.leaceramiche.com



Spessore / Thickness / Epaisseur / Stärke
9,5mm

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben

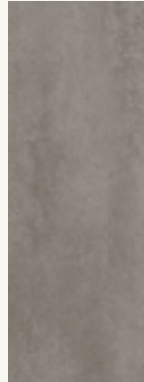
Concreto
Extra Light



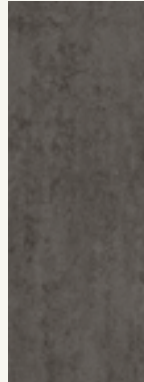
Concreto
Light



Concreto
Medium



Concreto
Dark



4 Formati / Sizes / Formats / Formate ^{RT1}

gres porcellanato



30x60cm
12"x24"
nat / lapp



60x60cm
24"x24"
nat / lapp / grip



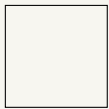
45x90cm
18"x36"
nat / lapp



90x90cm
36"x36"
nat / lapp

Spessore / Thickness / Epaisseur / Stärke
20mm

L2 - 20mm



90x90cm*
36"x36"
grip

3 Finiture / Finishes / Surfaces / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

LAPP



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

GRIP



esterno
outdoor
extérieur
Außenbereiche

* Protezione antibatterica non presente
No antimicrobial protection

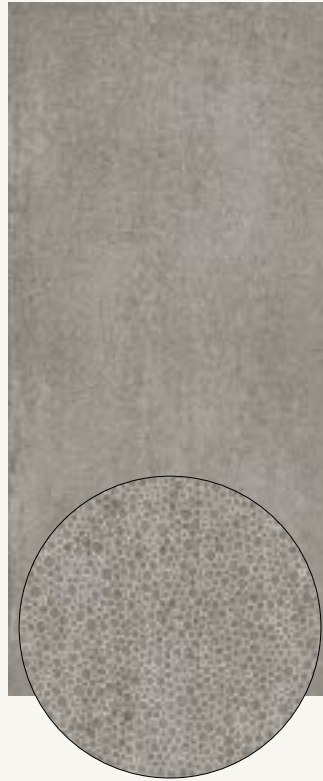


Varianti

Variations / Variantes / Varianten

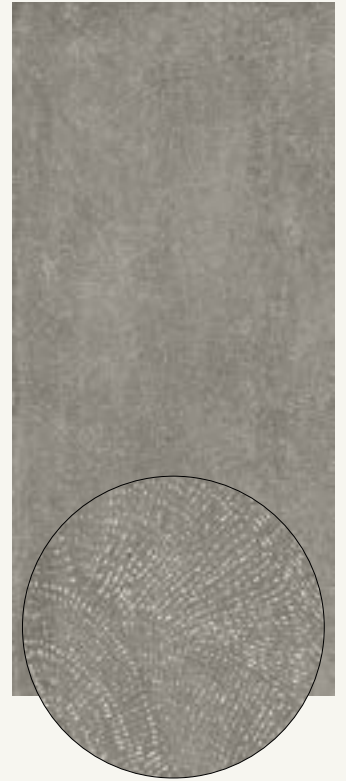
Foam

Concreto Medium



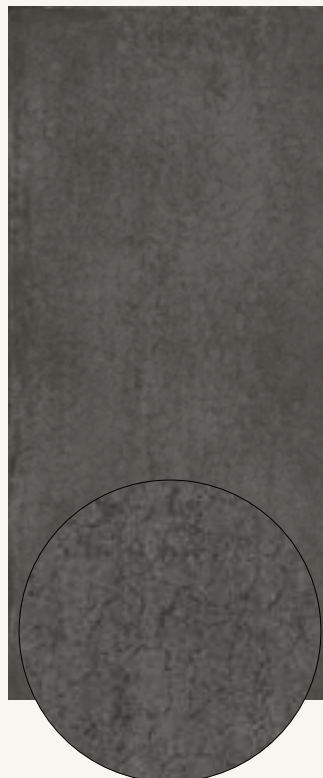
Tide

Concreto Medium



Dry

Concreto Dark



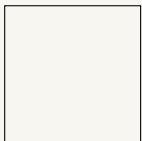
Reef

Concreto Dark

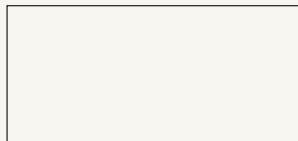


Formati ^{RT}

Sizes / Formats / Formate



120x120cm
48"x48"



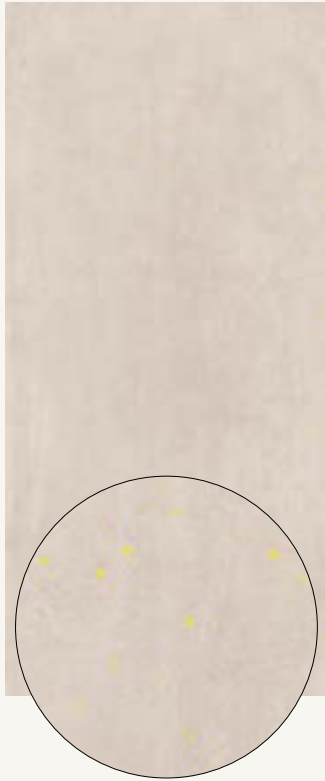
120x260cm
48"x102"

Decori

Decors / Decors / Dekore

Drops Gold*

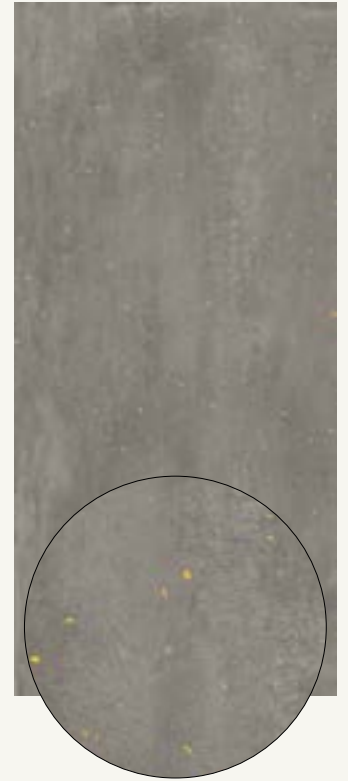
Concreto Extra Light



Concreto Light

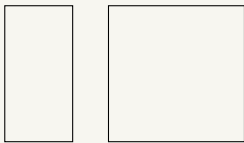


Concreto Medium

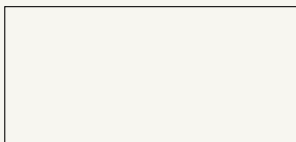


Formati ^{RT}

Sizes / Formats / Formate



60x120cm 120x120cm
24"x48" 48"x48"



120x260cm
48"x102"

Concreto Dark



Concreto Rust



***A pavimento: solo per ambienti residenziali**
Recommended for flooring in residential spaces
Recommandé pour les revêtements de sols résidentiels
Empfohlen für Fußböden in Wohnbereichen

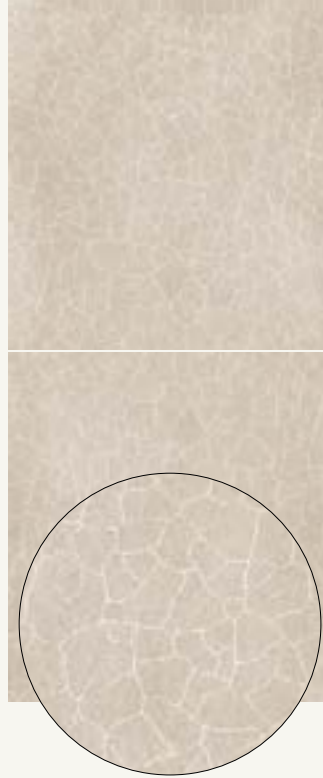


Varianti

Variations / Variantes / Varianten

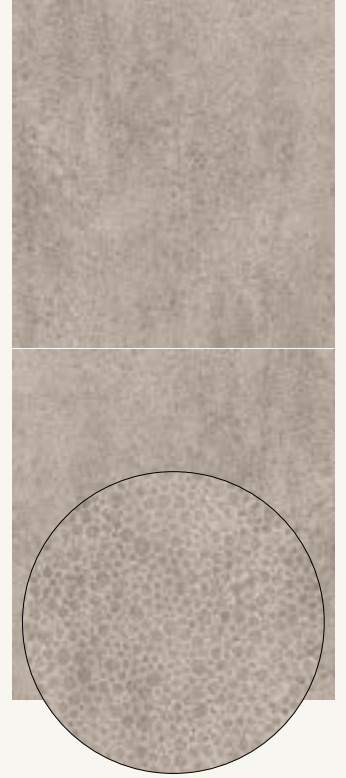
Dry

Concreto Extra Light



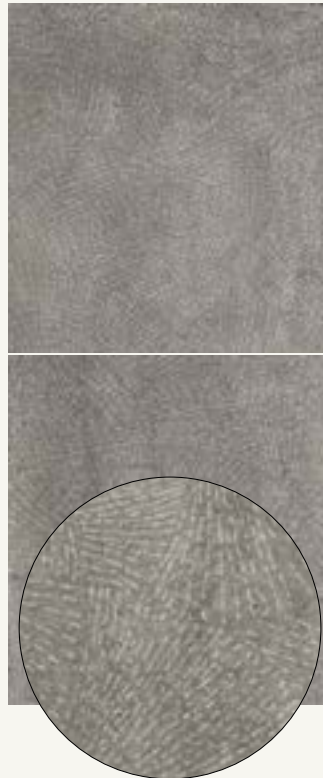
Foam

Concreto Light



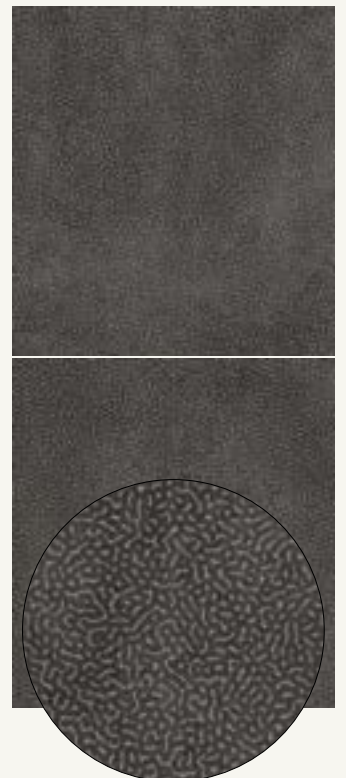
Tide

Concreto Medium



Reef

Concreto Dark



Formati ^{LR^T}

Sizes / Formats / Formate



60x60cm
24"x24"



30x60cm
12"x24"

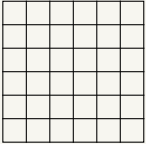
Mosaici

Mosaics / Mosaiques / Mosaik

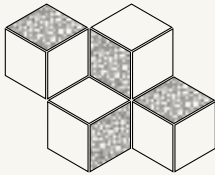
Pezzi speciali

Trims / Pièces spéciales / Formstücke

MOSAICO 36
30x30cm / 12"x12"
nat / lapp



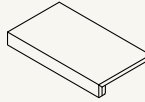
CUBE MIX
35x30,5cm / 13^{3/4}"x12"
nat + varianti



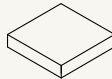
battiscopa
5,5x60cm / 2^{11/64}"x24" rett
nat / lapp



gradino plus*
35x60cm / 13^{3/4}"x24" rett
nat / lapp / grip



angolo gradino sx/dx plus*
35x35cm / 13^{3/4}"x13^{3/4}" rett
nat / lapp / grip



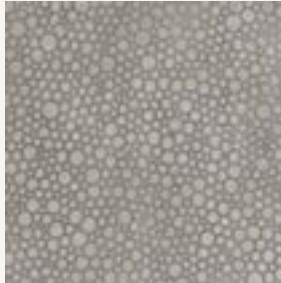
*Su richiesta
Upon request
Sur demande
auf Anfrage



Zoom

Zoom Foam

Foam Glow

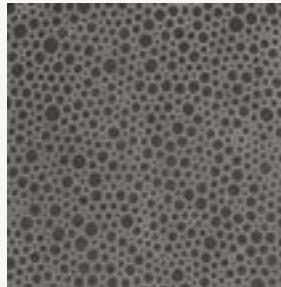


Zoom Reef

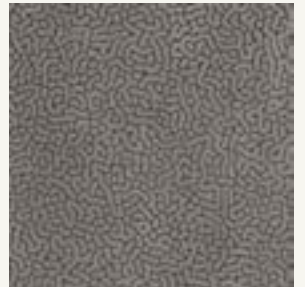
Reef Glow



Foam Shade



Reef Shade



Formati Zoom Foam/Zoom Reef ^{LR^T}

Sizes / Formats / Formate



60x60cm
24"x24"

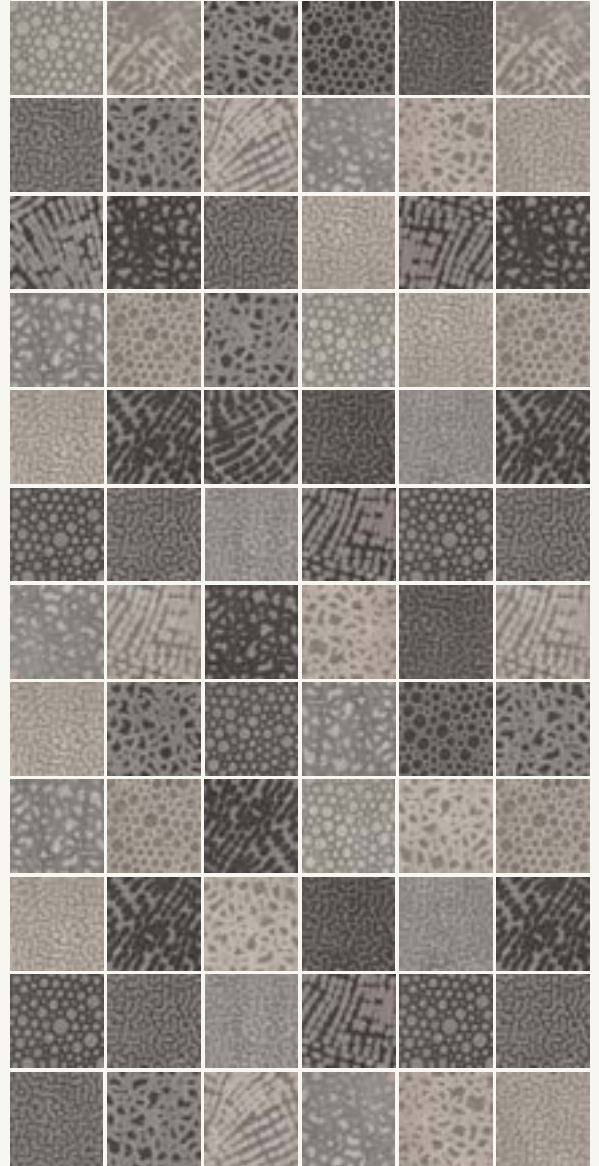
Zoom Mix

Zoom Mix 60



60x60cm
24"x24"

Zoom Mix 20



20x20cm
8"x8"

Formati Zoom mix ^{RT}

Sizes / Formats / Formate



60x60cm
24"x24"



20x20cm*
8"x8"

* Solo Mix 20
Only Mix 20

Zoom Mix 20 è composto da 16 grafiche differenti da miscelare. Il mix visualizzato non è vincolante, se ne consiglia la posa random.

Zoom Mix 60 è composto da 16 grafiche differenti da miscelare. Il mix visualizzato non è vincolante, se ne consiglia la posa random. Il packaging prevede colli da 4 pz con grafiche casuali: si consiglia di prevedere l'acquisto di una piccola % di materiale in più rispetto allo standard per favorire una migliore composizione delle grafiche nella fase di posa.

Zoom Mix 20 is composed of 16 different patterns designed to be mixed together. The displayed mix is not obligatory; we recommend random installation.

Zoom Mix 60 is composed of 16 different patterns designed to be mixed together. The displayed mix is not obligatory; we recommend random installation. The packaging includes packages of 4 pcs with random patterns: we recommend that you purchase a small percentage of extra material to facilitate the composition of the patterns in the installation stage.

Gres porcellanato laminato UGL
Laminated porcelain stoneware UGL
Grès cérame laminé UGL
Laminiertes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF ≥ 0.42	OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual


Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	120x260	48"x102"	1	3,12	44,0	18	56,2	792,0
Fondo	120x120	48"x48"	2	2,88	40,6	25	72,0	1.015,0
Fondo	60x120	24"x48"	3	2,16	30,3	16	34,6	484,8
Decoro Drops Gold	120x260	48"x102"	1	3,12	44,0	20	62,4	880,0
Decoro Drops Gold	120x120	48"x48"	2	2,88	40,6	25	72,0	1.015,0
Decoro Drops Gold	60x120	24"x48"	3	2,16	30,3	32	69,1	968,0

Gres tutta massa UGL
 Full-body porcelain UGL
 Grès Cérame pleine masse UGL
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL



Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Nat) A+B+C (Grip - 20mm)	OUTDOOR 5 mm Approx (*)
	BCR-TORTUS	$\mu > 0,40$ (Nat - Grip - 20mm)	(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.
	DCOF/ANSI A326.3	DCOF ≥ 0.42 (Nat - Grip - 20mm)	
	AS/NZS 4586	P3 (Nat) P4 (Grip, 20mm)	
	BS 7976-2	PTV 36+ WET (SI.96) (Nat) PTV 36+ WET (SI.96 - SI.55) (Grip - 20mm)	

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	90x90	36"x36"	2	1,62	34,6	25	40,5	864,5
Fondo	45x90	18"x36"	3	1,22	25,9	30	36,5	777,3
Zoom	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Zoom	20x20	8"x8"	23	0,92	20,7	45	41,4	931,5
Mosaico 36	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Cube Mix	35x30,5	13 ^{3/4} "x12"	4	0,43	9,5	48	20,5	456,0
Battiscopa	5,5x60	2 ^{11/64} "x24"	12	7,2 m.l.	8,1	50	360 m.l.	404,7
Gradino plus	35x60	13 ^{3/4} "x24"	4	0,84	20,1	16	13,4	322,2
Angolo gradino plus	35x35	13 ^{3/4} "x13 ^{3/4} "	2	0,25	7,6	36	8,8	273,6
L2 (20mm)	90x90	36"x36"	1	0,81	37,3	30	24,3	1.119,0

cement & resin



WALL
T_Snow 100x300 / T_Night 100x300
Tamis Steel 100x300



FLOOR
T_Steel 100x300



Take Care.

and Pad design Patrick Norguet





WALL
Tamis Moon 100x300
C_Night 100x300

FLOOR
C_Moon 100x300



cement & resin



WALL
C_Steel 100x300
Oakland Snow 100x300



FLOOR
T_Steel 100x100



Lea Ceramiche



Ⓢ T_Steel 100x100



cement & resin

S WALL
Oakland Ground 100x300

S FLOOR
T_Ground 100x100



Lea Ceramiche



Ⓢ C_Night 100x150





WALL
C_Ground 100x150
C_Night 100x300

FLOOR
C_Night 100x150



Pad.

design Patrick Norguet



cement & resin



WALL
Oakland Ground 100x300



FLOOR
T_Ground 100x100



Lea Ceramiche



Decori

Decors / Decors / Dekore

Pad design Patrick Norguet

Oakland*

Oakland Moon



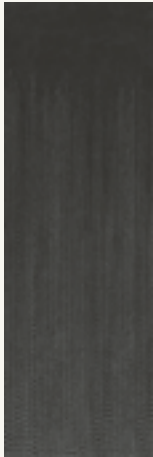
Oakland Steel



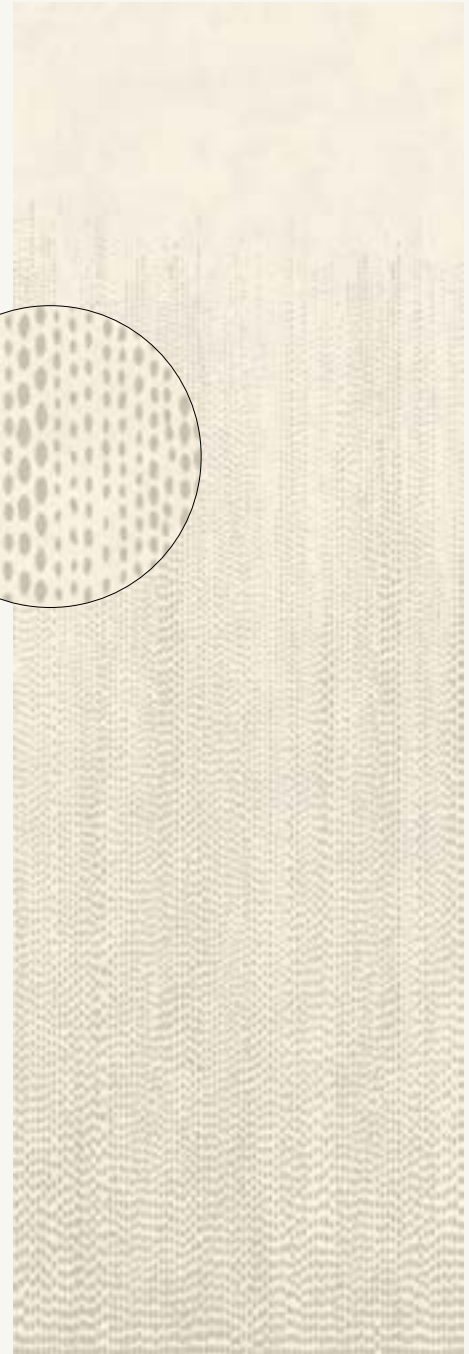
Oakland Ground



Oakland Night



Oakland Snow



Formati ^{LR}T

Sizes / Formats / Formate




100x300cm
39"x118"

*Utilizzabile solo a RIVESTIMENTO
Suitable only for WALL COVERINGS
Seulement pour le REVÊTEMENT
Kann nur als VERKLEIDUNG verwendet werden

cement & resin



 Pad. Tamis Moon 100x300

Lea Ceramiche



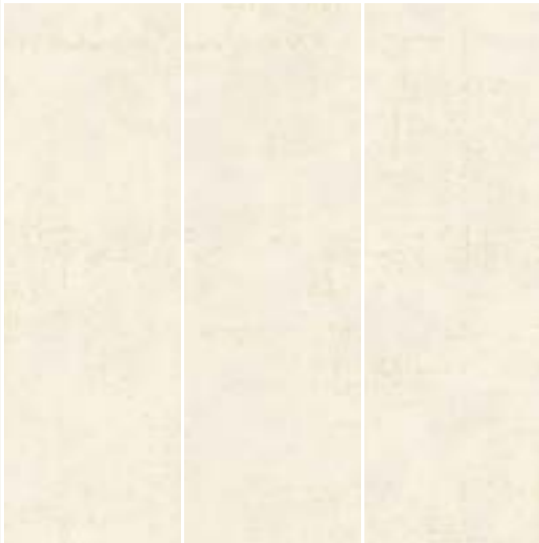
Decor

Decors / Decors / Dekore

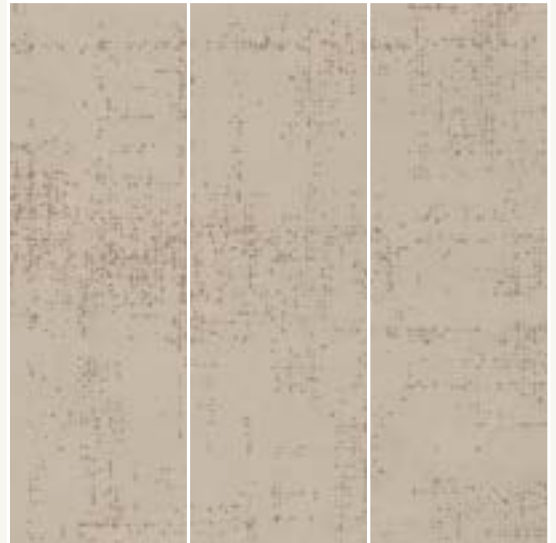
Pad design Patrick Norguet

Tamis*

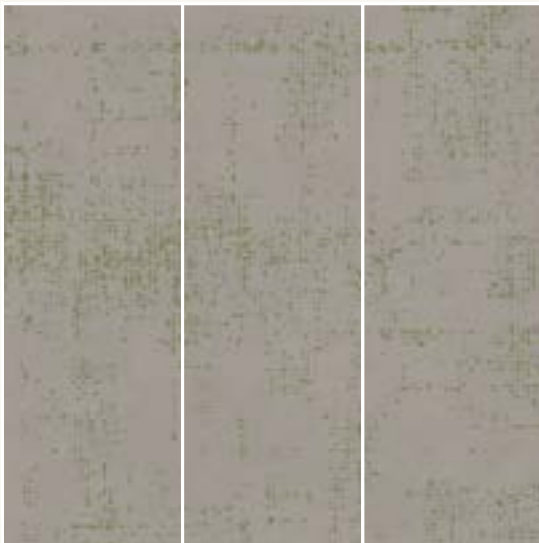
Tamis Snow A - B - C



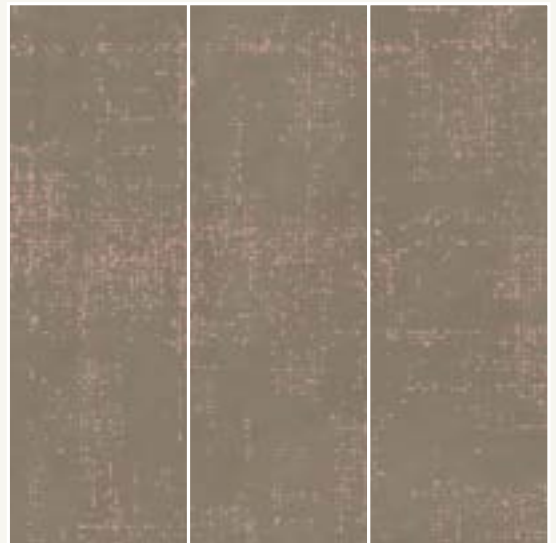
Tamis Moon A - B - C



Tamis Steel A - B - C



Tamis Ground A - B - C



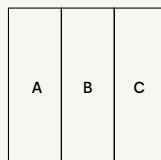
Formati ^{RT}

Sizes / Formats / Formate

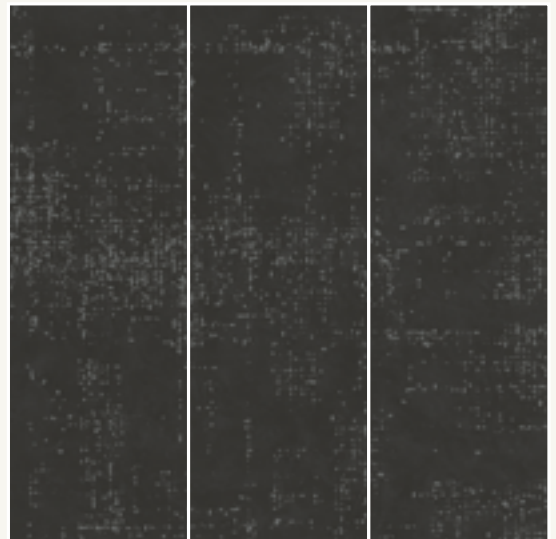


100x300cm
39"x118"


*Utilizzabile solo a RIVESTIMENTO
Suitable only for WALL COVERINGS
Seulement pour le REVÊTEMENT
Kann nur als VERKLEIDUNG verwendet werden



Tamis Night A - B - C



Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint / Joint minimum conseillé / Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R9	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS	$\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3	DCOF ≥ 0.42	OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	118"x39"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x150	39"x59"	2	3,00	34,5	25	75,0	862,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0
Decoro Pad	100x300	118"x39"	1	3,00	34,5	13	39,0	448,5

Take Care.



and Pad design Patrick Norguet

Esplora Take Care and Pad su real.leaceramiche.com
Explore Take Care and Pad on real.leaceramiche.com



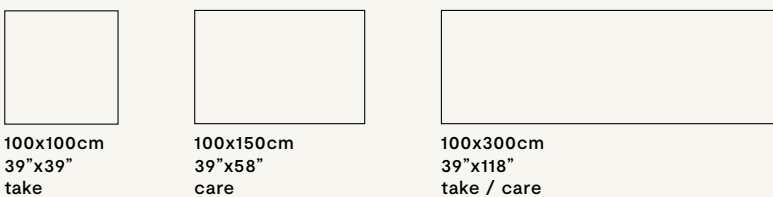
Spessore / Thickness / Epaisseur / Stärke
5,5 mm → slimtech 5plus

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

5 Colori / Colors / Couleurs / Farben



3 Formati / Sizes / Formats / Formate ^{LR^T}



2 Finiture / Finishes / Surfaces / Oberfläche

TAKE



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

CARE



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

cement & resin

⊕ WALL
Arrow Canvas Tortora

⊕ FLOOR
TWIST / Matter Moro Gramma 66 sx
Plaster Tortora Gramma 66 sx
Canvas Argilla Gramma 66 sx

Trame.



Ⓢ Plaster Corda 90x90
Leaf Chiaro





Ⓢ BOLT / Matter Corda Listello 5x45
Plaster Tabacco Listello 5x45
Canvas Lino Listello 5x45

cement & resin



Canvas Moro 90x90

Lea Ceramiche



⊕ WALL
Jewel Scuro

⊕ FLOOR
Matter Lino 30x90

cement & resin



Lea Ceramiche



WALL
CHEVRON / Matter Moro Gramma 38
Matter Argilla Gramma 38

WALL
Cube Argilla

FLOOR
Plaster Argilla 90x90
Plaster Argilla 30x90

cement & resin



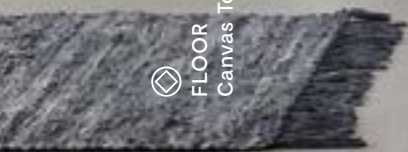
WALL
ROLLER / Matter Lino Gramma 66 sx
Plaster Argilla Gramma 66 dx
Canvas Moro Esa



WALL
ROLLER / Canvas Tortora Gramma 66 dx/sx
Canvas Tortora Esa




FLOOR
Canvas Tortora 90x90



Ⓢ CHEVRON / Plaster Tabacco Gramma 38
Canvas Corda Gramma 38



Gres tutta massa UGL
Full-body porcelain UGL
Grès Cérame pleine masse UGL
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	DIN 51130	R9 (Plaster) R10 (Matter / Canvas)	RECT 2 mm (INDOOR)
	DIN 51097	A+B (Matter)	OUTDOOR 5-6 mm Approx (*)
	B.C.R. - TORTUS	$\mu > 0,40$	
	ANSI A326.3	DCOF ≥ 0.42	
			(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola		Pallet					
	cm	inch	pz.	m ²	kg	scat.	m ²	kg
Fondo	90x90	36" x 36"	2	1,62	40,0	25	40,5	1.001,0
Fondo	30x90	12" x 36"	3	0,81	20,0	27	21,9	540,0
Fondo Gramma 38	39,2x9,7	15 ^{3/8"} x 3 ^{3/4"}	20	0,76	19,0	30	22,8	570,0
Fondo Gramma 66 sx	39,2x16,9	15 ^{3/8"} x 6 ^{5/8"}	10	0,66	16,5	40	26,4	660,0
Fondo Gramma 66 dx	39,2x16,9	15 ^{3/8"} x 6 ^{5/8"}	10	0,66	16,5	40	26,4	660,0
Fondo Listello	45x5	18" x 2"	23	0,52	12,8	60	31,1	768,0
Fondo Esa	33,8x9,7	13 ^{3/8"} x 3 ^{13/16"}	20	0,32	8,0	42	13,4	336,0
Fondo Cuadra	11,2x9,7	4 ^{3/8"} x 3 ^{3/4"}	20	0,22	5,5	100	22,0	545,0
Mosaico Jewel	33,7x29,7	11 ^{17/64"} x 11 ^{11/16"}	4	0,41	10,5	36	14,8	378,0
Mosaico Leaf	39,5x34,1	13 ^{35/64"} x 11 ^{27/64"}	4	0,55	13,5	22	12,1	297,0
Mosaico Cube	39,5x34,1	13 ^{35/64"} x 11 ^{27/64"}	5	0,68	17,0	44	29,7	748,0
Mosaico Arrow	39,5x11,2	4 ^{13/32"} x 13 ^{35/64"}	10	0,46	11,5	40	18,4	460,0
Battiscopa	8x90	3 ^{1/8"} x 36"	9	8,1 m.l.	16,5	40	324,0 m.l.	660,0
Gradino Plus	35x45	13 ^{3/4"} x 18"	2	0,32	9,2	30	9,5	276,0
Ang. Gradino Plus	35x35	13 ^{3/4"} x 18"	2	0,25	7,4	36	8,8	266,4
Ang. Sx Gradino Plus	35x35	13 ^{3/4"} x 18"	2	0,25	7,4	36	8,8	266,4
Ang. Dx Gradino Plus	35x35	13 ^{3/4"} x 18"	2	0,25	7,4	36	8,8	266,4

Trame.



Spessore / Thickness / Epaisseur / Stärke
11 mm

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

6 Colori / Colors / Couleurs / Farben



7 Formati / Sizes / Formats / Formate ^{LR⁷}

gres porcellanato



3 Finiture / Finishes / Surfaces / Oberfläche

PLASTER



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

MATTER



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

CANVAS



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen



Mosaici

Mosaics / Mosaïques / Mosaik

Formati speciali

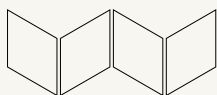
Special sizes / Formats spéciaux / Sonderformate

Pezzi speciali

Trims / Pièces spéciales / Formstücke

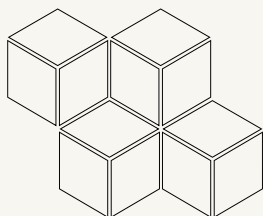
ARROW

11,2x39,5cm / 4^{3/8}"x15^{1/2}"



CUBE

34,1x39,5cm / 13^{3/8}"x15^{1/2}"



LEAF

34,1x39,5cm / 13^{3/8}"x15^{1/2}"



JEWEL

29,7x33,7cm / 11^{11/16}"x13^{1/4}"



ESA*

9,7x33,8cm / 3^{13/16}"x13^{3/8}"



■ GRAMMA 66 SX*

16,9x39,2cm / 6^{5/8}"x15^{3/8}" rett



■ GRAMMA 66 DX*

16,9x39,2cm / 6^{5/8}"x15^{3/8}" rett



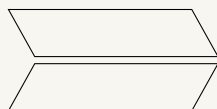
CUADRA*

11,2x9,7cm / 4^{3/8}"x3^{3/4}"



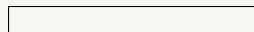
■ GRAMMA 38*

9,7x39,2cm / 3^{3/4}"x15^{3/8}"



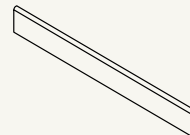
LISTELLO*

5x45cm / 2"x18"



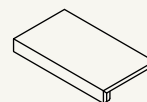
battiscopa*

8x90cm / 3^{1/8}"x36" rett



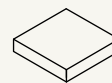
gradino plus**

35x45cm / 13^{3/4}"x18" rett
Plaster e Canvas



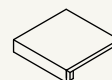
angolo gradino plus**

35x35cm / 13^{3/4}"x13^{3/4}" rett
Plaster e Canvas



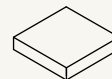
angolo sx gradino plus**

35x35cm / 13^{3/4}"x13^{3/4}" rett
Matter



angolo dx gradino plus**

35x35cm / 13^{3/4}"x13^{3/4}" rett
Matter



ARROW

disponibile su tutti i colori / superfici (18 elementi)

available in all colors / surfaces (18 items) /

disponible sur toutes les couleurs / surfaces (18 éléments) /

Erhältlich für alle Farben / Oberflächen (18 Elemente)

CUBE

disponibile su tutti i colori multisuperficie (6 elementi)

available in all multi-surface colors (6 items) /

disponible sur toutes les couleurs multi-surface (6 éléments) /

Erhältlich für alle Farben und verschiedene Oberflächen (6 Elemente)

Es: Cube Corda = Plaster corda + Canvas Corda + Matter Corda

LEAF / JEWEL

versione chiara e versione scura multisuperficie (2 elementi)

multi-surface light and dark versions (2 items) /

version claire et version foncée multi-surface (2 éléments) /

Helle und dunkle Version verschiedener Oberflächen (2 Elemente)

Chiaro: CANVAS LINO + MATTER TABACCO + PLASTER CORDA

Scuro: CANVAS ARGILLA + MATTER MORO + PLASTER TORTORA

■ Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

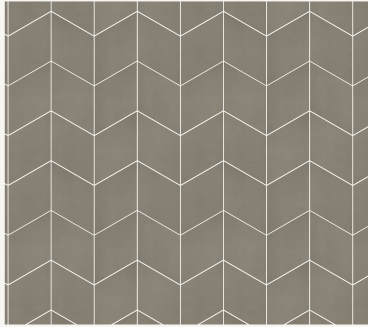
Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

**disponibile in tutti i colori
available in all colors
disponible sur toutes les couleurs
Erhältlich für alle Farben

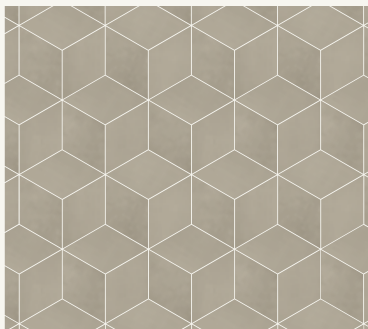
**Su richiesta
Upon request
Sur demande
auf Anfrage

Composizioni a moduli su rete

Mesh-mounted tile layouts /
Compositions en modules sur filet /
Modul-Kompositionen auf Netz



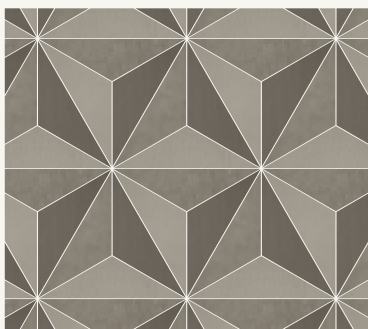
Arrow



Cube



Leaf



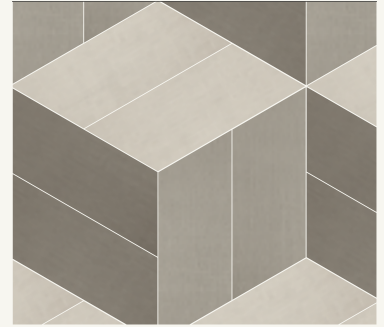
Jewel

Composizioni a moduli sfusi

Tile layouts in loose modules / Compositions en modules en vrac / Kompositionen mit Einzelmodulen



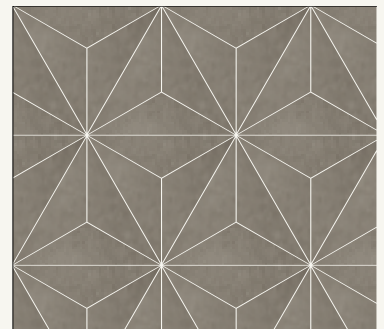
▪ Chevron (GRAMMA 38 100%)



▪ Twist (GRAMMA 66 SX 100%)



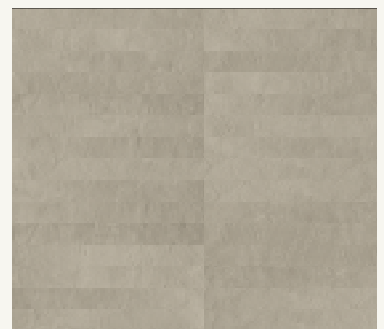
▪ Roller (GRAMMA 66 DX 40% - SX 40% + ESA 20%)



Jewel (ESA 100%)



Bolt (LISTELLO)



Grid (LISTELLO)



Wall (LISTELLO)

cement & resin



Street 90x90

Lea Ceramiche

District.



cement & resin



Route 45x90

Lea Ceramiche



cement & resin

⊕ WALL
Boulevard 30x60

⊕ FLOOR
Boulevard 60x60



Lea Ceramiche

⊗ Boulevard Metropolitan 60x60



cement & resin



Avenue 60x60

Lea Ceramiche



Route queens mix 30x30

Gres tutta massa UGL
Full-body porcelain UGL
Grès Cérame pleine masse UGL
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuçage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R10 DIN 51097 (A+B) B.C.R. - TORTUS $\mu > 0,40$ ANSI A326.3 DCOF ≥ 0.42	RECT 2 mm (INDOOR) OUTDOOR 5-6 mm Approx (*)



(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali
Decision by the Construction Manager / National Laying Standards
Décision établie par la Direction des Travaux / Codes de Pose
Nationaux Die Entscheidung wird von der Bauleitung / gemäß
nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	90x90	36"x36"	2	1,62	34,6	25	40,5	864,5
Fondo	45x90	18"x36"	3	1,22	25,9	30	36,5	777,3
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Decoro Metropolitan	60x60	24"x24"	2	0,72	15,9	40	28,8	636,0
Decoro Queens Mix	30x30	12"x12"	4	0,36	8,2	60	21,6	492,0
Muretto	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Mosaico 81	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Mosaico Mattone	30x30	12"x12"	5	0,45	9,5	60	27,0	570,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	15,2	60	432,0 m.l.	912,0
Gradino Plus	35x60	13 ^{3/4} "x24"	4	0,84	20,1	16	13,4	322,2
Angolo Gradino Plus	35x35	13 ^{3/4} "x13 ^{3/4} "	2	0,25	7,6	36	8,8	273,6

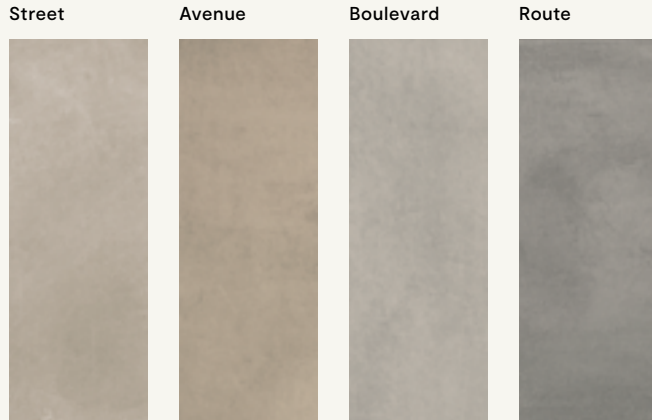
District.



Spessore / Thickness / Epaisseur / Stärke
9,5mm

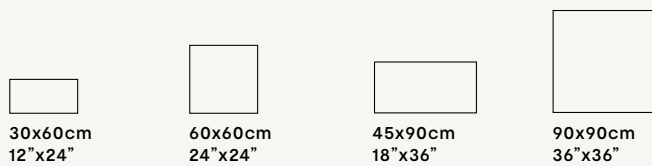
PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

4 Colori / Colors / Couleurs / Farben



4 Formati / Sizes / Formats / Formate ^{RT}

gres porcellanato



1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen



Decor

Decors / Decors / Dekore

Metropolitan

Street
60x60cm / 24"x24"



Queens Mix

Street
30x30cm / 12"x12"



Avenue

60x60cm / 24"x24"



Avenue

30x30cm / 12"x12"



Boulevard

60x60cm / 24"x24"



Boulevard

30x30cm / 12"x12"



Route

60x60cm / 24"x24"



Route

30x30cm / 12"x12"



Mosaici

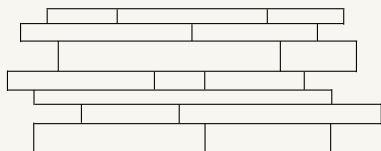
Mosaics / Mosaiques / Mosaik

Pezzi speciali

Trims / Pièces spéciales / Formstücke

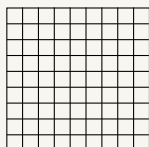
MURETTO*

30x60cm / 12"x24"



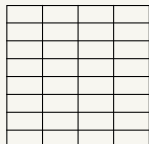
MOSAICO 81*

30x30cm / 12"x12"



MOSAICO MATTONE*

30x30cm / 12"x12"



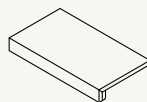
battiscopa*

10x60cm / 4"x24" rett



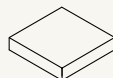
gradino plus**

35x60cm / 13^{3/4}"x24" rett



angolo dx / sx gradino plus**

35x35cm / 13^{3/4}"x13^{3/4}" rett



*disponibile in tutti i colori
available in all colors
disponible sur toutes les couleurs
Erhältlich für alle Farben

**Su richiesta
Upon request
Sur demande
auf Anfrage

cement & resin

WALL
Src020 100x300

FLOOR
Srcw010 100x300

Lea Ceramiche

Re-evolution.



cement & resin



WALL

Src030 100x300
Src010 100x100




FLOOR

Src010 100x100



cement & resin



 SRW020 100x100

Lea Ceramiche



Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione

Shading / Denuançage /
 Spielfarbig

ANSI A137.3



Fuga minima consigliata

Minimum suggested joint
 Joint minimum conseillé
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden
 2 mm (INDOOR)

OUTDOOR
 Vedi Manuale Tecnico Slimtech /
 See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

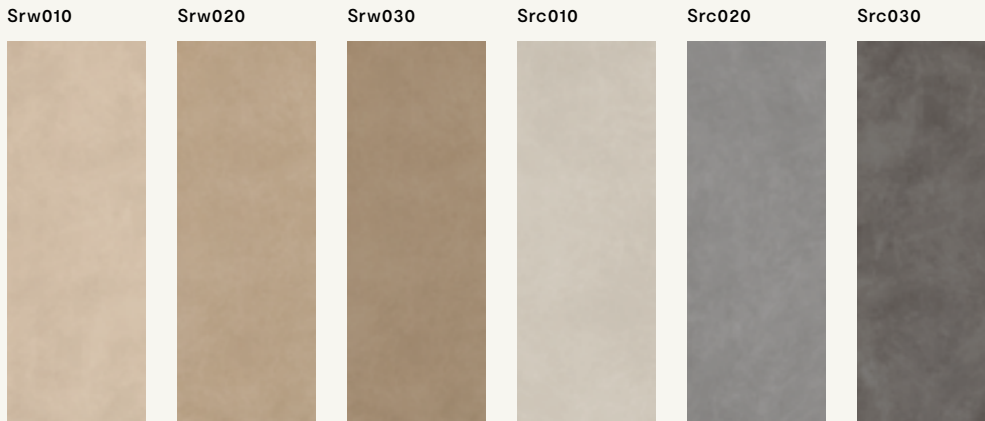
Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 3plus	100x300*	39"x118"	1	3,00	23,4	20	60,0	468,0
Fondo 3plus	100x100	39"x39"	3	3,00	23,4	25	75,0	585,0
Fondo 3plus	50x100	19 ^{1/2} "x39"	5	2,50	19,5	32	80,0	624,0
Fondo 3plus	4,9x100	2"x39"	10	0,49	3,8	39	19,1	148,2

Re-evolution.

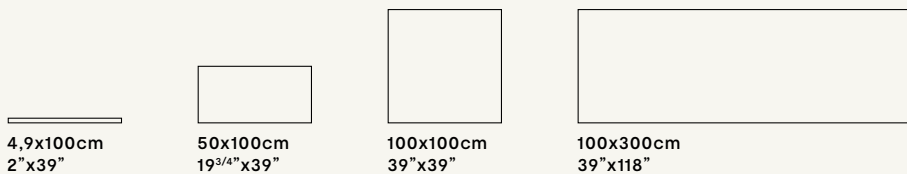


Spessore / Thickness / Epaisseur / Stärke
3,5mm → slimtech 3plus

6 Colori / Colors / Couleurs / Farben



4 Formati / Sizes / Formats / Formate ^{RT}



1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

cement & resin



WALL

Milano Ecrú 60x60 nat Bacchetta Metal Moka



FLOOR

Rio Coffee 60x60 nat

Metropolis.



cement & resin

◊ WALL
Milano Ecru 60x60 nat
Bacchetta Metal Moka

◊ FLOOR
Rio Coffee 60x60 nat

Lea Ceramiche



Ⓢ Milano Ecrú 60x60

Shanghai Iron 60x60 nat





London Gray 60x60 nat



Gres tutta massa UGL
Full-body porcelain UGL
Grès Cérame pleine masse UGL
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R10 B.C.R. - TORTUS $\mu > 0,40$ ANSI A326.3 DCOF ≥ 0.42	RECT 2 mm (INDOOR) OUTDOOR 5-6 mm Approx (*)



(*) Decisione a cura della Direzione Lavori / Codici di Posi Nazionali
Decision by the Construction Manager / National Laying Standards
Décision établie par la Direction des Travaux / Codes de Pose
Nationaux Die Entscheidung wird von der Bauleitung / gemäß
nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo			Scatola			Pallet		
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Muretto Urban	30x60	12"x24"	4	0,72	15,7	30	21,6	471,0
Bacchetta Metal	1,5x60	5/8"x24"	15	0,14	4,5	-	-	-
Battiscopa	10x60	4"x24"	12	7,2 m.l.	14,4	50	360,0 m.l.	720,0
Gradino Plus	35x60	13 ^{3/4} "x24"	4	0,84	20,1	16	13,4	322,2
Angolo Gradino Plus	35x35	13 ^{3/4} "x13 ^{3/4} "	2	0,25	6,4	36	8,8	229,1

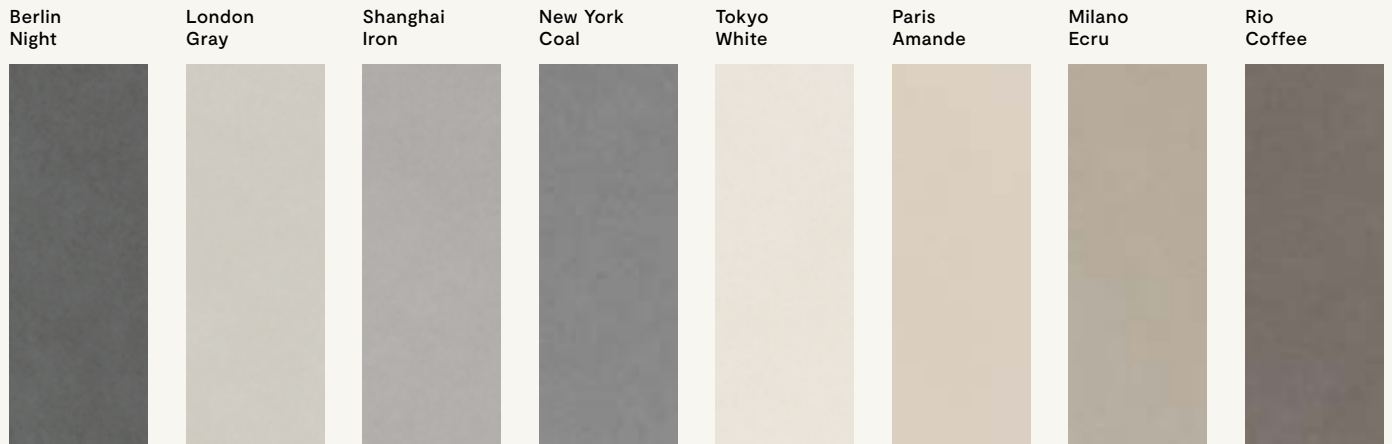
Metropolis.




Spessore / Thickness / Epaisseur / Stärke
9,5mm

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

8 Colori / Colors / Couleurs / Farben



2 Formati / Sizes / Formats / Formate ^{RT1}

 gres porcellanato



30x60cm
12"x24"



60x60cm
24"x24"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

cement & resin

⊕ WALL
Rio Coffee 30x60 nat

⊕ FLOOR
Rio Coffee 60x60 nat

Lea Ceramiche



Decori e Mosaici

Decors and Mosaics / Décors et Mosaïques / Dekore und Mosaik

Pezzi speciali

Trims / Pièces spéciales / Formstücke

Muretto Urban

Cold
30x60cm / 12"x24"



Warm
30x60cm / 12"x24"



Bacchetta Metal

Titanio
1,5x60cm / 5/8"x24"



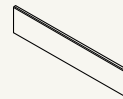
Nero
1,5x60cm / 5/8"x24"



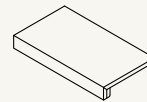
Moka
1,5x60cm / 5/8"x24"



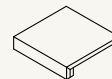
battiscopa
10x60cm / 4"x24" rett
nat



gradino plus*
35x60cm / 13^{3/4}"x24" rett
nat



angolo sx / dx gradino plus*
35x35cm / 13^{3/4}"x13^{3/4}" rett
nat



**Su richiesta
Upon request
Sur demande
auf Anfrage

cement & resin



Ⓢ Silt 60x60

Lea Ceramiche

Stoneclay.



cement & resin

Charcoal 60x60



Lea Ceramiche



⊗ Lime 30x60



Gres tutta massa UGL
 Full-body porcelain UGL
 Grès Cérame pleine masse UGL
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento		Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit		Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130	R10	RECT 2 mm (INDOOR)
	DIN 51097	(A+B)	OUTDOOR 5-6 mm Approx (*)
	B.C.R. - TORTUS	$\mu > 0,40$	
	ANSI A326.3	DCOF ≥ 0.42	
	AS/NZS 4586	P3	
	BS 7976-2	PTV 36+Wet (Sl. 96)	
			<small>(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.</small>

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6
Fondo	30x60	12"x24"	8	1,44	31,8	32	46,1	1.017,6
Mosaico	30x30	12"x12"	5	0,45	9,0	60	27,0	540,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	16,0	60	432 m.l.	960,0
Gradino Step	60x60	24"x24"	4	1,44	31,8	32	46,1	1.017,6

Stoneclay.



home
by L.E.A.

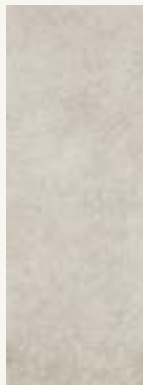
Spessore / Thickness / Epaisseur / Stärke
9,5mm

4 Colori / Colors / Couleurs / Farben

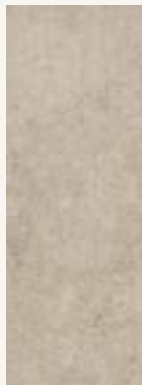
Charcoal



Silt



Lime



Cendre



2 Formati / Sizes / Formats / Formate ^{RT}

gres porcellanato



30x60cm
12"x24"



60x60cm
24"x24"

Mosaici

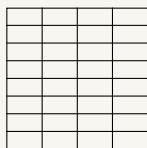
Decmosaics / Mosaïques / Mosaik

Pezzi speciali

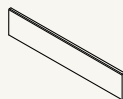
Trims / Pièces spéciales / Formstücke

gres porcellanato

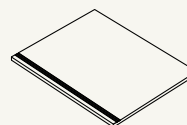
MOSAICO*
30x30cm / 12"x12"



battiscopa*
10x60cm / 4"x24" rett
nat



gradino step*
60x60cm / 24"x24" rett



1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

*disponibile in tutti i colori / available in all colors / disponible sur toutes les couleurs / Erhältlich für alle Farben

02d.

Nella trasposizione delle più pregiate essenze, si spazia dai legni con uno stile naturale ed elegante a quelli con un effetto più usurato. È il calore del legno che la ceramica restituisce in versione ultracontemporanea.

Dans la transposition des bois les plus précieux, nous allons des bois au style naturel et élégant à ceux qui donnent un effet plus patiné. C'est la chaleur du bois que la céramique redonne, dans une version ultra-contemporaine.

Transposing the most precious essences, it ranges from woods with a natural and elegant style to those with a more time-worn effect. Ceramic evokes the warmth of wood in an ultra-contemporary version.

Die Umsetzung der kostbarsten Sorten reicht von den Hölzern mit einem natürlichen und eleganten Stil bis zu den Sorten mit einem eher „Old“-Effekt. Die Keramik gibt die Wärme des Holzes in einer topaktuellen Version wieder zurück.

Wood.



Bio Select.
272 / 285



Bio Recover.
286 / 295



Wood-Stock.
296 / 303



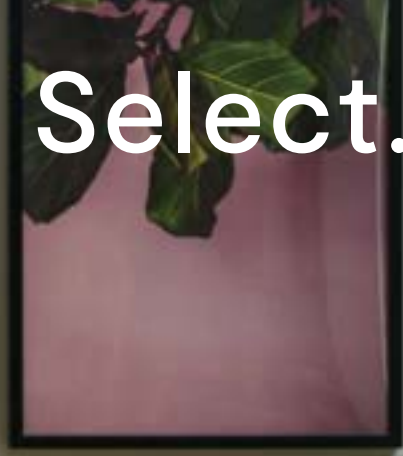
Type 32.
design Diego Grandi
304 / 309

wood

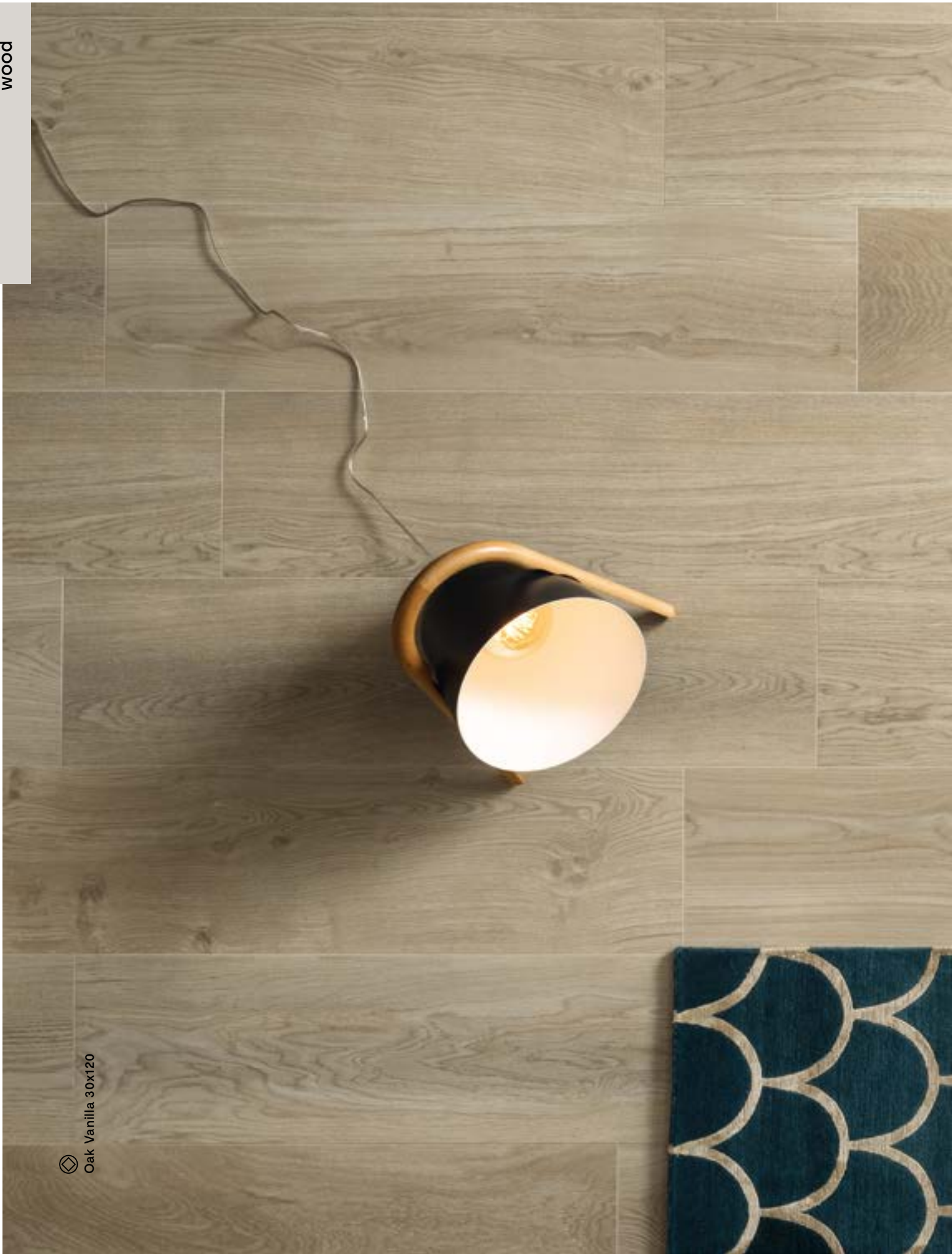
◊ Oak Ginger 30x180

Lea Ceramiche

Bio Select.



wood



Ⓢ Oak Vanilla 30x120



⊕ WALL
ABC Oak Vanilla

⊕ FLOOR
Oak Vanilla 30x120



Ⓢ WALL
Chevron Oak Ash

Ⓢ FLOOR
Oak Ash 20x120 / 30x120



wood

hotel

⊞ WALL
Whirl Mix

⊞ FLOOR
Walnut Tobacco 20x120

Lea Ceramiche



WALL
Strip Oak Natural

FLOOR
Oak Natural 30x180

wood

Ⓢ Chevron Walnut Cinnamon




Lea Ceramiche




Ⓢ Oak Cloves 20x120

Gres tutta massa UGL
 Full-body porcelain UGL
 Grès Cérame pleine masse UGL
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R9 (Walnut Tobacco Nat) R10 (Nat) R11 (Grip - 20mm)	RECT 2 mm (INDOOR)
	DIN 51097 A+B+C (Grip - 20mm)	OUTDOOR 5-6 mm Approx (*)
	BCR-TORTUS $\mu >0,40$	
	ANSI A326.3 DCOF ≥ 0.42	
	AS/NZS 4586 P4 (Grip 20mm)	
	BS 7976-2 PTV 36+Wet (Sl. 96 Sl. 55) (Grip - 20mm)	
		(*) Decisione a cura della Direzione Lavori / Codici di Posi Nazionali Decision by the Construction Manager / National Laying Standards Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	cm		Scatola			Pallet		
	cm	inch	pz.	m ²	kg	scat.	m ²	kg
Fondo	30x180	12"x72"	2	1,08	30,2	45	48,6	1.359,0
Fondo	30x120	24"x24"	4	1,44	32,3	18	25,9	581,4
Fondo	20x120	8"x48"	5	1,20	27,2	24	28,8	652,8
Decoro ABC	27,9x27,9	11"x11"	12	0,47	9,5	48	22,5	456,0
Decoro Chevron	42,8x40	16 ^{3/4} "x16"	5	0,86	17,1	12	10,3	205,2
Decoro Drunk	25x120	10"x48"	4	1,20	24,0	-	-	-
Decoro Strip	20x120	8"x48"	4	0,96	19,2	32	30,7	614,1
Decoro Whirl	36,8x42,5	14 ^{1/2} "x16 ^{3/4} "	6	0,94	19,0	-	-	-
Battiscopa	5,5x60	2 ^{1/8} "x24"	12	7,2 m.l.	8,1	50	360,0 m.l.	404,7
Gradino plus	35x120	13 ^{3/4} "x48"	2	0,84	23,2	16,0	13,4	371,2
Angolo gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	12,4	16,0	6,7	198,4
 Fondo L2 (20mm)	30x120	12"x48"	2	0,72	33,3	32	23,0	1.064,0

Bio Select.



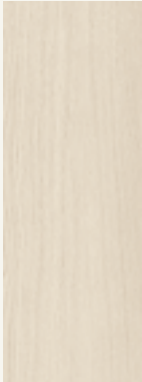
Esplora Bio Select su real.leaceramiche.com
Explore Bio Select on real.leaceramiche.com

Spessore / Thickness / Epaisseur / Stärke
9,5mm (20x120 - 30x120) / 12mm (30x180)

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

7 Colori / Colors / Couleurs / Farben

Oak
Vanilla



Oak
Ginger



Oak
Natural



Oak
Ash



Oak
Cloves



Walnut
Tobacco



Walnut
Cinnamon



3 Formati / Sizes / Formats / Formate ^{LR^T}

gres porcellanato



20x120cm
8"x48"
nat



30x120cm
12"x48"
nat



30x180cm
12"x72"
nat

*Spessore / Thickness / Epaisseur / Stärke
20mm

L2 - 20mm



30x120cm*
12"x48"
grip

*colori disponibili: / available colors: / couleurs disponibles: / verfügbare Farben:
Oak Natural, Oak Cloves

2 Finiture / Finishes / Surfaces / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

GRIP



esterno
outdoor
extérieur
Außenbereiche

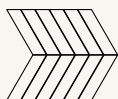
* Protezione antibatterica non presente
No antimicrobial protection



Mosaici e formati speciali

Mosaics and special sizes / Mosaïques et formats spéciaux / Mosaïke und Sonderformate

■ CHEVRON*



42,8x40cm
16^{3/4}"x16"
nat

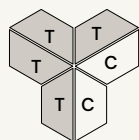
STRIP*



20x120cm
8"x48"
nat

WHIRL MIX**

Walnut Tobacco / Walnut Cinnamon

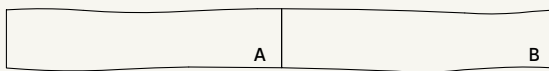


T Walnut Tobacco
C Walnut Cinnamon

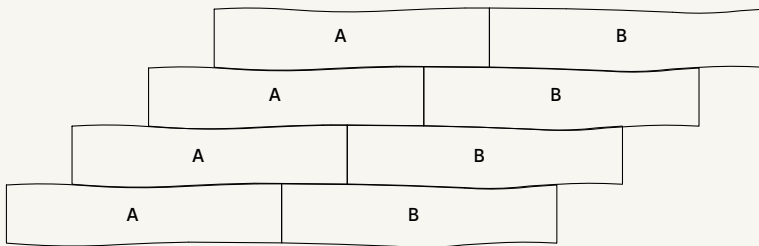
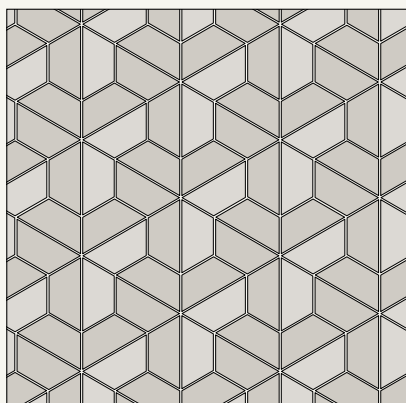
36,8x42,5cm
14^{1/2}"x16^{3/4}"
nat

DRUNK

Walnut Tobacco
Walnut Cinnamon



25x120cm
10"x48"
nat



■ **Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.**

Made with a disc cutting system without a bevel. Any slight irregularities of the edge or size deviations of up to 1 mm should be regarded as compliant.

Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

Mit einem Scheibenschnittsystem ohne Fase hergestellt. Eventuelle leichte Unregelmäßigkeiten an der Kante und Größenabweichungen bis zu 1 mm sind als konform anzusehen.

***disponibile in tutti i colori** / available in all colors / disponible sur toutes les couleurs / Erhältlich für alle Farben

****colori mixati** / mixed colors / couleurs mélangées / Mischfarben: Walnut Tobacco + Walnut Cinnamon

Pezzi speciali

Trims / Pièces spéciales / Formstücke

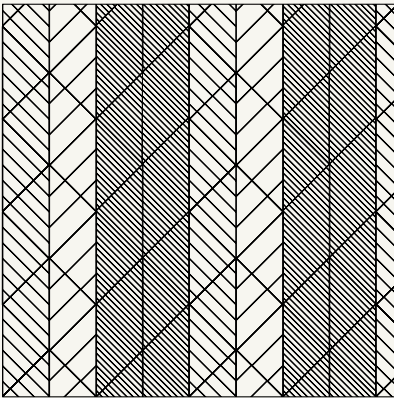
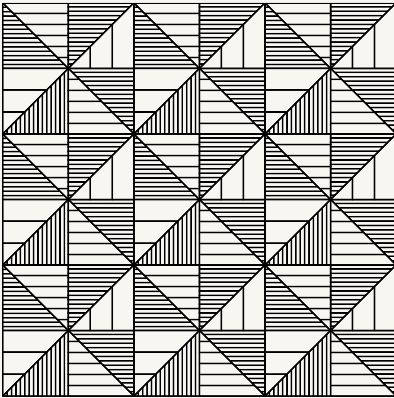
ABC*



27,9x27,9cm
11"x11"
nat

27,9x27,9cm
11"x11"
nat

27,9x27,9cm
11"x11"
nat



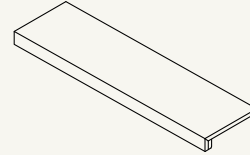
battiscopa*

5,5x60cm / 2¹¹/₆₄"x24" rett



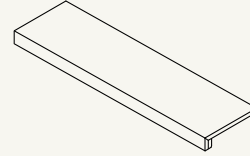
gradino plus***

35x120cm / 13³/₄"x48" rett



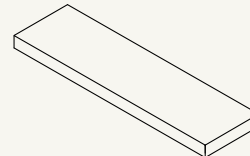
angolo sx gradino plus***

35x120cm / 13³/₄"x48" rett



angolo dx gradino plus***

35x120cm / 13³/₄"x48" rett



**Su richiesta
Upon request
Sur demande
auf Anfrage

wood



Golden Flame 20x180

Lea Ceramiche

Bio Recover.



wood

Warm Cream 20x180



Lea Ceramiche

⊗ Pied de poule White Golden Flame 20x90



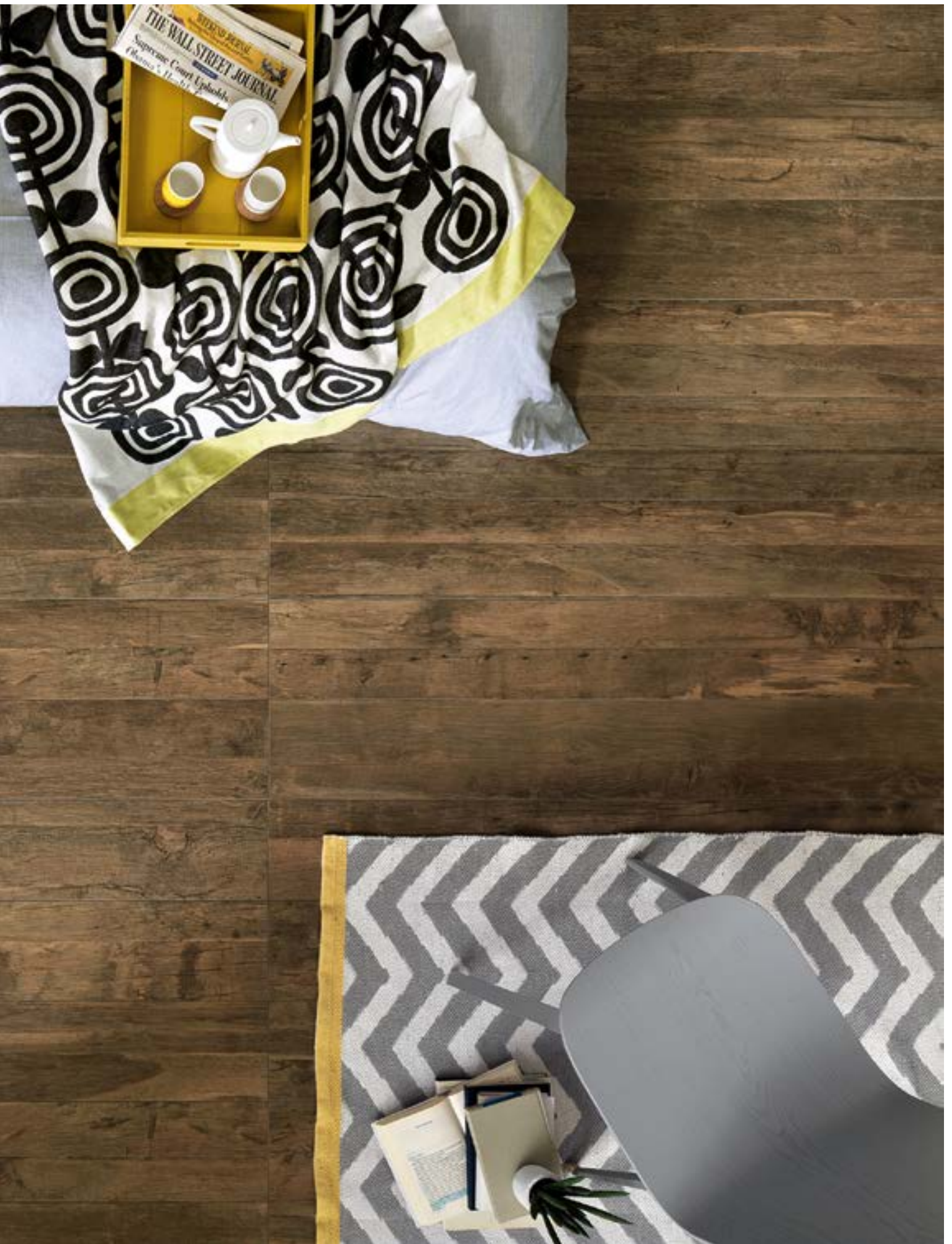
wood



Old Walnut 20x180



Lea Ceramiche



Gres tutta massa UGL
 Full-body porcelain UGL
 Grès Cérame pleine masse UGL
 Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.1	DIN 51130 R10	RECT 2 mm (INDOOR)
	DIN 51097 A+B	NON RECT 3-4 mm Approx (INDOOR)
	BCR-TORTUS $\mu >0,40$	OUTDOOR 5-6 mm Approx (*)
	ANSI A326.3 DCOF ≥ 0.42	

(*) Decisione a cura della Direzione Lavori / Codici di Posa Nazionali
 Decision by the Construction Manager / National Laying Standards
 Décision établie par la Direction des Travaux / Codes de Pose Nationaux Die
 Entscheidung wird von der Bauleitung / gemäß nationalen Vorschriften getroffen.

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo	20x180	8"x71"	3	1,08	30,0	48	51,8	1.440,0
Fondo	20x121,5	8"x48"	5	1,22	27,3	24	29,2	655,2
Decoro Full	20x90	8"x36"	4	0,72	20,0	30	21,6	600,0
Decoro Pied de poule	20x90	8"x36"	4	0,72	20,0	30	21,6	600,0
Decoro Fram	-	-	6	0,29	9,0	96	27,6	864,0
Battiscopa	10x60	4"x24"	12	7,2 m.l.	16,0	56	403,2 m.l.	896,0
Gradino plus	35x120	13 ^{3/4} "x48"	2	0,84	23,2	16	13,4	371,2
Angolo gradino plus	35x120	13 ^{3/4} "x48"	1	0,42	12,4	16	6,7	198,4

Bio Recover.



Spessore / Thickness / Epaisseur / Stärke
9,5mm (20x121,5) / 12mm (20x180)

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

3 Colori / Colors / Couleurs / Farben

Warm
Cream




Golden
Flame

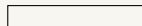


Old
Walnut

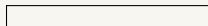


2 Formati / Sizes / Formats / Formate ^{LR^T}

 gres porcellanato



20x121,5cm*
8"x48"



20x180cm
8"x72"

*non rettificato / not rectified / non rectifié / ungeschliffen

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

wood



Full Blue Golden Flame 20x90



Lea Ceramiche



Decori

Decors / Articles / Dekore

Pezzi speciali

Trims / Pièces spéciales / Formstücke

PIED DE POULE WHITE
20x90cm / 8"x36"



PIED DE POULE BLUE
20x90cm / 8"x36"



PIED DE POULE RED
20x90cm / 8"x36"



FULL WHITE
20x90cm / 8"x36"



FRAM WHITE
4x20cm / 1⁹/₁₆"x8"
8x20cm / 3¹/₈"x8"
12x20cm / 4³/₄"x8"



FULL BLUE
20x90cm / 8"x36"



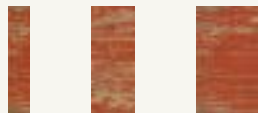
FRAM BLUE
4x20cm / 1⁹/₁₆"x8"
8x20cm / 3¹/₈"x8"
12x20cm / 4³/₄"x8"



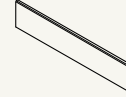
FULL RED
20x90cm / 8"x36"



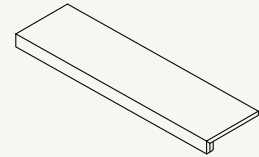
FRAM RED
4x20cm / 1⁹/₁₆"x8"
8x20cm / 3¹/₈"x8"
12x20cm / 4³/₄"x8"



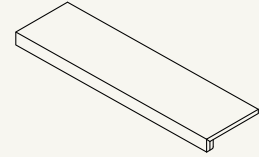
battiscopa
10x60cm / 4"x24" rett



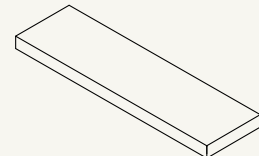
gradino plus*
35x120cm / 13³/₄"x48" rett



angolo sx gradino plus*
35x120cm / 13³/₄"x48" rett



angolo dx gradino plus*
35x120cm / 13³/₄"x48" rett



****Su richiesta**
Upon request
Sur demande
auf Anfrage

wood

 Honey Wood 20x200

Lea Ceramiche



Wood-Stock.



wood

S Cream Wood 33x300

Lea Ceramiche



 Vintage Wood 20x150



wood


 Honey Wood 33x300



Lea Ceramiche



Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	DIN 51130 R10	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS $\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3 DCOF ≥ 0.42	OUTDOOR Vedi Manuale Tecnico Slimtech / See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	33x300	13"x118"	1	0,99	12,5	39 pz/pl	38,6	487,0
Fondo 5plus	20x200	8"x79"	3	1,20	15,0	40	48,0	600,0
Fondo 5plus	20x150	8"x59"	3	0,90	10,4	60	54,0	621,0
Fondo 5plus	20x100	8"x39"	3	0,60	6,9	60	36,0	414,0

Wood-Stock.



Spessore / Thickness / Epaisseur / Stärke
5,5mm → slimtech 5plus

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

3 Colori / Colors / Couleurs / Farben

Cream
Wood



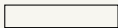
Honey
Wood



Vintage
Wood



4 Formati / Sizes / Formats / Formate ^{LR^T}



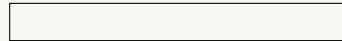
20x100cm
8"x39"



20x150cm
8"x59"



20x200cm
8"x79"



33x300cm
13"x118"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen



commerciale intensivo
intensive commercial
commercial intensif
Intensive gewerbliche
Anwendungen

wood



S Honey Beta Warm 11 / Delta Cold 30
Alfa Warm 03 / Gamma Cold 22

Lea Ceramiche

Type 32.

design Diego Grandi



wood



Lea Ceramiche



 Vintage Alfa Cold 07 / Delta Warm 26

Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione

Shading / Denuançage /
 Spielfarbig

ANSI A137.3



Fuga minima consigliata

Minimum suggested joint
 Joint minimum conseillé
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden
 2 mm (INDOOR)

Informazioni tecniche per l'utilizzo
 Technical information for use
 Informations techniques pour l'utilisation
 Technische Zusammenarbeit
 pag. 364

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola					Pallet		
	cm	inch	pz.	m ²	kg	scat.	m ²	kg
Fondo 5plus	20x200	8"x79"	3	1,20	13,8	40	48,0	552,0

Type 32.

design Diego Grandi



Spessore / Thickness / Epaisseur / Stärke
5,5mm → slimtech 5plus

2 Colori / Colors / Couleurs / Farben

Awards



1 Formato / Size / Format / Formate ^{RT}



20x200cm
8"x79"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche

02e.

Tridimensionalità, componibilità dei formati e disegni coordinati contraddistinguono molte collezioni dal forte contenuto di design. L'assenza di colori vistosi, lascia spazio a un misurato equilibrio cromatico, in cui eleganza, contemporaneità e gusto internazionale, trovano massima espressione.

La tridimensionnalité, la modularité des formats et les designs coordonnés caractérisent de nombreuses collections à fort contenu de design. L'absence de couleurs voyantes laisse place à un équilibre chromatique mesuré, où l'élégance, la contemporanéité et le goût international trouvent le maximum d'expression.

Three-dimensionality, modular sizes and coordinated designs distinguish many collections with a notable design content. The absence of bright colours enables a measured balance of colours, in which elegance, modernity and international taste are fully expressed.

Dreidimensionalität, kombinierbare Formate und aufeinander abgestimmte Muster charakterisierten viele Kollektionen mit starkem Designgehalt. Der Verzicht auf auffällige Farben lässt einem verhaltenen Farbgleichgewicht Raum, in dem Eleganz, Aktualität und internationaler Geschmack optimal zum Ausdruck kommen.

Shape & Color.



Absolute.

312 / 317



Gouache.10.

and Libeccio design Diego Grandi

318 / 325



Naive.

design Patrick Norguet

326 / 331



Nest.

design HOK Product Design

332 / 337



City.

design Diego Grandi

338 / 341

AB EFGHI
J LMNO PQ
ST VWXY
Zabcd fghjk
l nopq t v
wxy 123456
7890&?!@#



Absolute.



WALL
Total White 100x300 sat

FLOOR
Total White 100x100 sat



 Total Black 100x100 sat





WALL


Total Black 100x300 lev



FLOOR

Total White 100x100 sat

Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	ANSI A326.3 DCOF \geq 0.42 (sat)	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
		Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
		OUTDOOR Vedi Manuale Tecnico Slimtech See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0

Absolute.

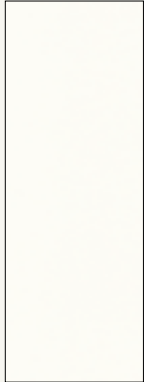


Spessore / Thickness / Epaisseur / Stärke
5,5mm → slimtech 5plus

PR()TECT
ANTIBATTERICO - ANTIMICROBIAL

2 Colori / Colors / Couleurs / Farben

Total
White

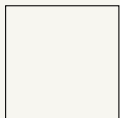


Total
Black

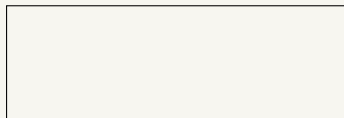


2 Formati / Sizes / Formats / Formate ^{RT}

S LIMTECH
3plus



100x100cm
39"x39"
lev / sat



100x300cm
39"x118"
lev / sat

2 Finiture / Finishes / Surfaces / Oberfläche

LEV



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero (solo Total White)
light commercial (only Total White)
commercial léger (seulement Total White)
Leichte gewerbliche Anwendungen
(nur Total White)

SAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

shape & color



Cool Rain 100x100

Lea Ceramiche

Gouache.10.

and Libeccio design Diego Grandi



Ⓢ WALL
Soft Sand 100x300

Ⓢ FLOOR
Soft Sand 100x100

 Libeccio 02



shape & color

 Libeccio 01 cold 15,4x22,3

Lea Ceramiche



Decori

Decors / Articles / Dekore

Libeccio design Diego Grandi

Libeccio

cool rain

15,4x22,3cm 6 1/8" x 8 3/4"



Libeccio 01

warm

15,4x22,3cm 6 1/8" x 8 3/4"



white cloud

15,4x22,3cm 6 1/8" x 8 3/4"



cold

15,4x22,3cm 6 1/8" x 8 3/4"



soft sand

15,4x22,3cm 6 1/8" x 8 3/4"



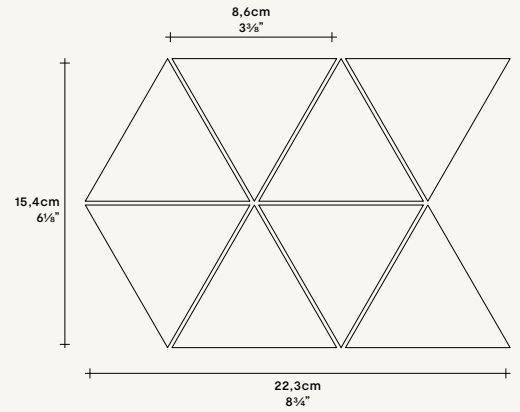
Libeccio 02

15,4x22,3cm 6 1/8" x 8 3/4"




Libeccio 03

15,4x22,3cm 6 1/8" x 8 3/4"



Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione	Resistenza allo scivolamento	Fuga minima consigliata
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Minimum suggested joint Joint minimum conseillé Empfohlene Fugenbreite
ANSI A137.3	DIN 51130 R9	Posa a Parete / Wall / Mur / Wand 1 mm (INDOOR)
	BCR-TORTUS $\mu > 0,40$	Posa a Pavimento / Floor / Sol / Boden 2 mm (INDOOR)
	ANSI A326.3 DCOF ≥ 0.42	OUTDOOR Vedi Manuale Tecnico Slimtech See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 3plus	100x300	39"x118"	1	3,00	23,4	20	60,0	468,0
Fondo 3plus	100x100	39"x39"	3	3,00	23,4	25	75,0	585,0
Fondo 3plus	50x100	19½"x39"	5	2,50	19,5	32	80,0	624,0
Fondo 3plus	4,9x100	2"x39"	10	0,49	3,8	39	19,1	148,2
Decoro Libeccio	15,4x22,3	6¼"x8¾"	10	0,27	2,8	80	21,9	224,0

Gouache.10.

and Libeccio design Diego Grandi



Spessore / Thickness / Epaisseur / Stärke
3,5mm → slimtech 3plus

3 Colori / Colors / Couleurs / Farben

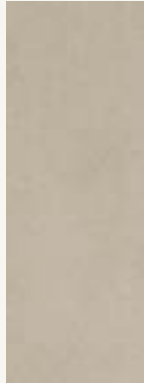
Cool
Rain



White
Cloud





Soft
Sand




4 Formati / Sizes / Formats / Formate ^{RT}

 SLIMTECH


4,9x100cm
2"x39"


50x100cm
19^{3/4}"x39"


100x100cm
39"x39"


100x300cm
39"x118"

1 Finitura / Finish / Surface / Oberfläche

NAT



residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

shape & color



Native Black 100x300



Lea Ceramiche

Naive.

design Patrick Norguet



Naive Grey 100x300





Native Black 100x300

Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Stonalizzazione

Shading / Denuançage /
 Spielfarbig

ANSI A137.3



Fuga minima consigliata

Minimum suggested joint
 Joint minimum conseillé
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden
 2 mm (INDOOR)

OUTDOOR
 Vedi Manuale Tecnico Slimtech
 See Slimtech Technical Manual

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
Fondo 5plus	100x300	39"x118"	1	3,00	34,5	13	39,0	448,5
Fondo 5plus	100x100	39"x39"	2	2,00	23,0	25	50,0	575,0

Lea Ceramiche

Naive.

design Patrick Norguet



Spessore / Thickness / Epaisseur / Stärke
5,5mm → slimtech 5plus

2 Colori / Colors / Couleurs / Farben

Awards

Naive
Grey



Naive
Black



2 Formati / Sizes / Formats / Formate ^{LR^T}

SLIMTECH ^{5plus}



100x100cm
39"x39"



100x300cm
39"x118"

1 Finitura / Finish/ Surface / Oberfläche

NAT




residenziale
residential
résidentiel
Wohnbereiche



commerciale leggero
light commercial
commercial léger
Leichte gewerbliche
Anwendungen

shape & color

 SRC020 Ettagono Triangolo 50

Lea Ceramiche

Nest.

design Hok Product Design



shape & color



Ivory Flow Etagonno Triangolo 25



Lea Ceramiche

 Ivory Flow Etagono Triangolo 25



Gres porcellanato laminato UGL rinforzato con fibra di vetro
 Laminated porcelain stoneware UGL reinforced with fibreglass
 Grès cérame laminé UGL, renforcé avec de la fibre de verre
 Laminiertes Feinsteinzeug UGL mit Glasfaserverstärkung

Award



Fuga minima consigliata

Minimum suggested joint
 Joint minimum conseillé
 Empfohlene Fugenbreite

Posa a Parete / Wall / Mur / Wand
 1 mm (INDOOR)

Posa a Pavimento / Floor / Sol / Boden
 2 mm (INDOOR)

Imballi

Packing / Emballage / Verpackung

Articolo		Scatola			Pallet				
		cm	inch	pz.	mq	kg	scat.	mq	kg
Esagono	L 50 (3,5mm)	100x86,6	39"x34 $\frac{1}{8}$ "	1	0,65	5,2	-	-	-
Esagono	L 25 (3,5mm)	50x43,2	19 $\frac{1}{2}$ "x17"	1	0,16	1,3	-	-	-
Esagono	L 6,2 (3,5mm)	12,5x10,8	5"x4 $\frac{1}{4}$ "	1	0,01	0,1	-	-	-
Ett.+Tria.	L 50 (3,5mm)	100x86,6	39"x34 $\frac{1}{8}$ "	1	0,65	5,2	-	-	-
Ett.+Tria.	L 25 (3,5mm)	50x43,2	19 $\frac{1}{2}$ "x17"	1	0,16	1,3	-	-	-
Ett.+Tria.	L 6,2 (3,5mm)	12,5x10,8	5"x4 $\frac{1}{4}$ "	1	0,01	0,1	-	-	-
Esagono	L 50 (5,5mm)	100x86,6	39"x34 $\frac{1}{8}$ "	1	0,65	8,3	-	-	-
Esagono	L 25 (5,5mm)	50x43,2	19 $\frac{1}{2}$ "x17"	1	0,16	2,1	-	-	-
Esagono	L 6,2 (5,5mm)	12,5x10,8	5"x4 $\frac{1}{4}$ "	1	0,01	0,1	-	-	-
Ett.+Tria.	L 50 (5,5mm)	100x86,6	39"x34 $\frac{1}{8}$ "	1	0,65	8,3	-	-	-
Ett.+Tria.	L 25 (5,5mm)	50x43,2	19 $\frac{1}{2}$ "x17"	1	0,16	2,1	-	-	-
Ett.+Tria.	L 6,2 (5,5mm)	12,5x10,8	5"x4 $\frac{1}{4}$ "	1	0,01	0,1	-	-	-

Nest.

design Hok Product Design



Spessore / Thickness / Epaisseur / Stärke
3,5mm → slimtech 3plus / 5,5mm → slimtech 5plus

Realizzabile con le serie

Can be made with the following collections
Réalisable avec les séries
Realisierbar mit den Serien

ABSOLUTE / BASALTINA STONE PROJECT / GOUACHE.10 /
RE-EVOLUTION / TAKE CARE / TIMELESS MARBLE / WATERFALL

ABSOLUTE
Total Black



ABSOLUTE
Total White



BASALTINA
STONE
PROJECT
Sabbia



BASALTINA
STONE
PROJECT
Naturale



BASALTINA
STONE
PROJECT
Stuccata



GOUACHE.10
White Cloud



GOUACHE.10
Soft Sand



GOUACHE.10
Cool Rain



RE-EVOLUTION
SRW010



RE-EVOLUTION
SRW020



RE-EVOLUTION
SRW030



RE-EVOLUTION
SRC010



RE-EVOLUTION
SRC020



RE-EVOLUTION
SRC030



TAKE CARE
T_Moon



TAKE CARE
T_Snow



TAKE CARE
T_Ground



TAKE CARE
T_Steel



TAKE CARE
T_Night



TAKE CARE
C_Moon



TAKE CARE
C_Snow



TAKE CARE
C_Ground



TAKE CARE
C_Steel



TAKE CARE
C_Night



TIMELESS
MARBLE
Calacatta
Gold Extra



TIMELESS
MARBLE
Pietra
Gray



TIMELESS
MARBLE
Statuario
White



TIMELESS
MARBLE
Lasa
Bright



TIMELESS
MARBLE
Onice
Venus



TIMELESS
MARBLE
Safari
Amande



WATERFALL
Ivory Flow



WATERFALL
Silver Flow



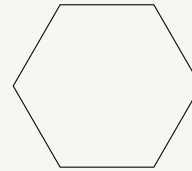
WATERFALL
Gray Flow



WATERFALL
Dark Flow



6 Formati / Sizes / Formats / Formate ^{RT}



*Esagono

L 50cm / 19¹/₂"
100x86,6cm / 39"x34¹/₈"



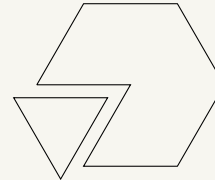
*Esagono

L 25cm / 10"
50x43,2cm / 19¹/₂"x17"



*Esagono

L 6,2cm / 2¹/₂"
12,5x10,8cm / 5"x4¹/₄"



*Ettagono

L 50cm / 19¹/₂"
100x86,6cm / 39"x34¹/₈"

*Triangolo

L 50cm / 19¹/₂"



*Ettagono

L 25cm / 10"
50x43,2cm / 19¹/₂"x17"

*Triangolo

L 25cm / 10"



*Ettagono

L 6,2cm / 2¹/₂"
12,5x10,8cm / 5"x4¹/₄"

*Triangolo

L 6,2cm / 2¹/₂"

*Su richiesta / Upon request / Sur demande / auf Anfrage

shape & color



Ⓢ Moscova Antracite 3D 30x60

Lea Ceramiche

City.

design Diego Grandi



shape & color



Cordusio Bronze 3D 30x60

Lea Ceramiche

City.

design Diego Grandi



Spessore / Thickness / Epaisseur / Stärke
11mm

2 Colori / Colors / Couleurs / Farben

Awards

Moscova
antracite 3D




Cordusio
bronze 3D



1 Formato / Size / Format / Formate ^{RT}



30x60cm
12"x24"

 gres porcellanato

Gres smaltato a massa colorata GL . Colored-body glazed porcelain GL
Grès émaillé a masse colorée GL . Glasiertes Feinsteinzeug mit farbiger masse GL

Stonalizzazione

Shading / Denuançage /
Spielfarbig

ANSI A137.3



Fuga minima consigliata

Minimum suggested joint
Joint minimum conseillé
Empfohlene Fugenbreite

RECT
2 mm (INDOOR)

Imballi

Packing / Emballage / Verpackung

Articolo	cm		inch		Scatola		Pallet		
	cm	inch	pz.	mq	kg	scat.	mq	kg	
Fondo	30x60	12"x24"	4	0,72	15,6	20	14,4	312,0	

L2 - 20mm



Lea Ceramiche

L2. 20mm



 Bio Select Oak Natural L2 30x120 grip



L2 - 20mm



Nextone Next Gray L2 60x60 grip

Lea Ceramiche



Nextone Next Dark L2
60x60 grip

Nextone Next Taupe L2
60x120 grip



L2 - 20mm









Concrete Light L2 90x90 grip



Lea Ceramiche



Gres tutta massa UGL
Full-body porcelain UGL
Grès Cérame pleine masse UGL
Vollgemischtes Durchgefärbtes Feinsteinzeug UGL

Stonalizzazione	Resistenza allo scivolamento	Informazioni per la posa		
Shading / Denuançage / Spielfarbig	Slip resistance / Résistance au glissement / Rutschfestigkeit	Information for laying / Informations pour la pose / Informationen zur Verlegung		
ANSI A137.1	DIN 51130 R11 DIN 51097 (A+B+C) B.C.R. - TORTUS $\mu > 0,40$ ANSI A326.3 DCOF ≥ 0.42	Consultare il manuale "Soluzioni applicative prodotti 20mm" / Consult the manual "applicable solutions 20mm products" / Consultez le manuel « solutions applicables produits 20 mm » / Siehe Handbuch "Anwendungslösungen für 20 mm-Produkte"		
 V2 Cliffstone White Dover L2 - Beige Madeira L2 Taupe Moher L2 - Grey Tenerife L2	AS/NZS 4586 P4			
 V3 Bio Select Oak Natural L2 - Oak Cloves L2 Concreto Extra Light L2 - Light L2 Medium L2 - Dark L2 Nextone Next White L2 - Next Gray L2 Next Taupe L2 - Next Dark L2 Waterfall Ivory Flow L2 - Silver Flow L2 Gray Flow L2 - Dark Flow L2	 Posa su erba Dry laying on grass Pose sur herbe Verlegung auf Gras	 Posa su ghiaia Laying on gravel Pose sur gravier Verlegung auf Kies	 Posa su massetto con colla Laying on screed with adhesive Pose sur chape avec colle Kleberverlegung auf Estrich	 Posa sopraelevata Outdoor laying on raised flooring Pose surélevée Doppelboden-Verlegung

Imballi

Packing / Emballage / Verpackung

Articolo	Scatola			Pallet				
	cm	inch	pz.	mq	kg	scat.	mq	kg
fondo (20mm)	90x90	36"x36"	1	0,81	37,3	30	24,3	1.119,0
fondo (20mm)	60x120	24"x48"	1	0,72	32,5	32	23,0	1.040,0
fondo (20mm)	30x120	12"x48"	2	0,72	33,3	32	23,0	1.064,0
fondo (20mm)	45x90	18"x36"	2	0,81	36,2	24	19,4	869,5
fondo (20mm)	60x60	24"x24"	2	0,72	33,6	32	23,0	1.075,2
costa toro	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5
costa toro angolare	30x60	12"x24"	1	0,14	6,1	100	13,5	610,0
costa retta	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5
costa retta angolare	30x60	12"x24"	1	0,14	6,1	100	13,5	610,0
costa toro step	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5
costa retta step	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5
costa toro con gocc.	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5
costa retta con gocc.	30x60	12"x24"	1	0,18	8,1	100	18,0	812,5
griglia	15x60	6"x24"	2	0,18	8,0	100	18,0	800,0
griglia angolare	15x60	6"x24"	2	0,16	7,0	100	15,8	700,0
costa toro	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4
costa toro angolare	30x90	12"x36"	1	0,23	10,2	32	7,2	326,4
costa retta	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4
costa retta angolare	30x90	12"x36"	1	0,23	10,2	32	7,2	326,4
costa toro step	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4
costa retta step	30x90	12"x36"	1	0,27	12,2	32	8,6	390,4
griglia	15x45	6"x18"	4	0,27	10	48	13,0	480,0
griglia angolare	15x45	6"x18"	4	0,23	10	48	10,8	480,0

L2.



Spessore / Thickness / Epaisseur / Stärke
20mm

18 Colori / Colors / Couleurs / Farben

WOOD

Bio Select



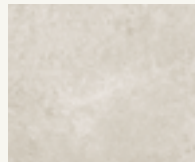
Oak Natural L2
30x120



Oak Cloves L2
30x120

STONE

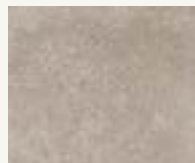
Cliffstone



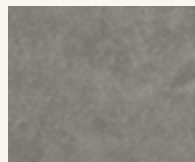
White Dover L2
60x60



Beige Madeira L2
60x60



Taupe Moher L2
60x60



Grey Tenerife L2
60x60

Nextone



Next White
60x120 / 60x60



Next Gray
60x120 / 60x60

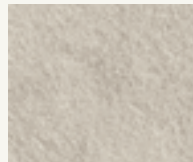


Next Taupe
60x120 / 60x60



Next Dark
60x120 / 60x60

Waterfall



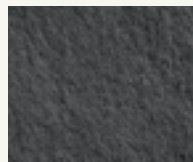
Ivory Flow L2
90x90 / 45x90 / 60x60



Silver Flow L2
90x90 / 45x90 / 60x60



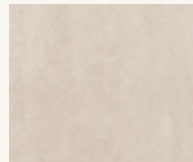
Gray Flow L2
90x90 / 45x90 / 60x60



Dark Flow L2
90x90 / 45x90 / 60x60

CEMENT

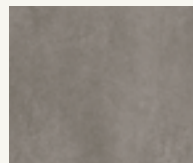
Concreto



Extra Light L2
90x90



Light L2
90x90



Medium L2
90x90



Dark L2
90x90

5 Formati / Sizes / Formats / Formate ^{LR^T}

L2 - 20mm



30x120cm
12"x48"
grip



45x90cm
18"x36"
grip



60x60cm
24"x24"
grip



60x120cm
24"x48"
grip



90x90cm
36"x36"
grip

1 Finitura / Finish / Surface / Oberfläche

GRIP



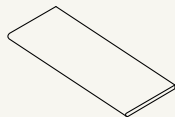
esterno
outdoor
extérieure
Außenbereiche



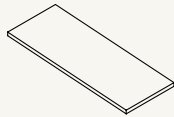
Pezzi speciali

Trims / Pièces spéciales / Formstücke

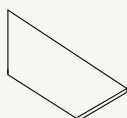
BIO SELECT / CLIFFSTONE / NEXTONE



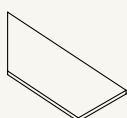
costa toro*
30x60cm / 12"x24" rett



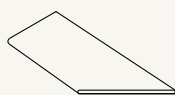
costa retta*
30x60cm / 12"x24" rett



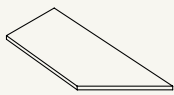
costa toro angolare sx*
30x60cm / 12"x24" rett



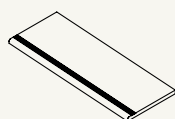
costa retta angolare sx*
30x60cm / 12"x24" rett



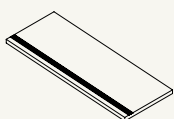
costa toro angolare dx*
30x60cm / 12"x24" rett



costa retta angolare dx*
30x60cm / 12"x24" rett



costa toro step*
30x60cm / 12"x24" rett



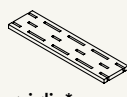
costa retta step*
30x60cm / 12"x24" rett



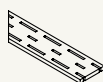
costa toro con gocciolatoio*
30x60cm / 12"x24" rett



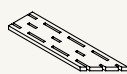
costa retta con gocciolatoio*
30x60cm / 12"x24" rett



griglia*
15x60cm / 6"x24" rett

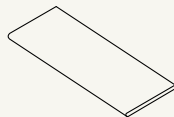


griglia angolare sx*
15x60cm / 6"x24" rett

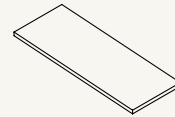


griglia angolare dx*
15x60cm / 6"x24" rett

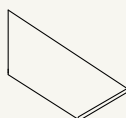
WATERFALL / CONCRETO



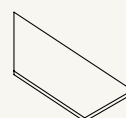
costa toro*
30x90cm / 12"x36" rett



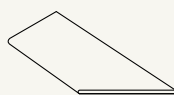
costa retta*
30x90cm / 12"x36" rett



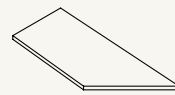
costa toro angolare sx*
30x90cm / 12"x36" rett



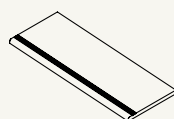
costa retta angolare sx*
30x90cm / 12"x36" rett



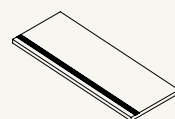
costa toro angolare dx*
30x90cm / 12"x36" rett



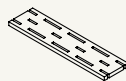
costa retta angolare dx*
30x90cm / 12"x36" rett



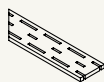
costa toro step*
30x90cm / 12"x36" rett



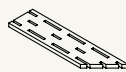
costa retta step*
30x90cm / 12"x36" rett



griglia*
15x45cm / 6"x18" rett



griglia angolare sx*
15x45cm / 6"x18" rett



griglia angolare dx*
15x45cm / 6"x18" rett

* Su richiesta. Per maggiori informazioni circa quantità minime e tempi di consegna rivolgersi all'ufficio commerciale. / Upon request. For more information about minimum quantities and delivery times please contact the sales department. / Sur demande. Pour plus d'informations sur les quantités minimales et délais de livraison s'il vous plaît contacter le département des ventes. / auf Anfrage. Für weitere Infos über die Mindestmengen und Lieferzeiten wenden Sie sich bitte an unserer Verkaufsabteilung.



Waterfall Ivory Flow L2 45x90 grip
Waterfall Gray Flow L2 trims grip

03.

Technic

cal Info.

Lea Ceramiche sviluppo ecosostenibile.

Lea Ceramiche 100% eco friendly / Lea Ceramiche développement écho-sostenible / Lea Ceramiche umweltschonende nachhaltige entwicklung

Lea Ceramiche e l'ambiente

Da sempre LEA CERAMICHE considera la tutela dell'ambiente un aspetto di grande rilevanza

- investendo in modo deciso nell'acquisto delle migliori tecnologie presenti sul mercato per ridurre al minimo gli impatti ambientali delle proprie attività
- dotando tutti i dipendenti di un ambiente di lavoro ottimale
- ottenendo prestigiose certificazioni ambientali

Tutti i prodotti LEA CERAMICHE sono realizzati presso stabilimenti produttivi dotati di Sistemi di **Gestione Ambientale certificati**:

ISO 14001: 2015 (norma riconosciuta a livello internazionale)

EMAS (Regolamento Europeo - Reg. CE 1221/09)

La Dichiarazione Ambientale di Prodotto (EPD) comunica in modo trasparente le prestazioni ambientali del gres porcellanato Lea Ceramiche basandosi sull'analisi del ciclo di vita (LCA). I prodotti Lea Ceramiche possiedono EPD specifica di tipo III, certificata da ente terzo indipendente secondo le normative EN 14025 e EN 15804 (PCR di riferimento). I Prodotti certificati EPD sono richiesti dai principali sistemi di certificazione degli edifici quali LEED (internazionale), BREEAM (Inghilterra), HQE (Francia) e DGNB (Germania), nonché in schemi legislativi in Italia (requisiti per appalti pubblici sostenibili). È una certificazione volontaria, che valorizza ancor più i materiali Lea Ceramiche perché prodotti secondo i migliori standard di sostenibilità e responsabilità.

Lea Ceramiche and the environment

Lea Ceramiche has always considered environmental protection a matter of great importance

- investing in the best technologies on the market to minimize the environmental impact of its activities
- giving all employees an excellent working environment
- obtaining prestigious environmental certifications

All LEA CERAMICHE products are manufactured in production sites that are certified with **Environmental Management Systems**:

ISO 14001: 2015 (internationally recognized standard)

EMAS (European Regulation - EC Reg 1221/09)

The Environmental Product Declaration (EPD) is a transparency tool that communicates the environmental performances of Lea Ceramiche porcelain tile through a Life Cycle Assessment (LCA). Lea Ceramiche products have a type III specific EPD. This is certified by an independent third party according to EN 14025 and EN 15804 standards (applicable PCR). EPD certified products are required by the main construction certifying bodies such as LEED (international), BREEAM (England), HQE (France), and DGNB (Germany), as well as the legislative frameworks in Italy (requisites for sustainable public contracts).

Lea Ceramiche salvaguardia dell'ambiente

L'incessante ricerca di prestazioni di eccellenza in merito al rispetto dell'ambiente ha condotto LEA CERAMICHE al costante rispetto dei seguenti principi.

Lea Ceramiche cares for the environment

LEA CERAMICHE's incessant strive for excellence has led us to respect the following principles when dealing with the environment.



RIUTILIZZO DEL 100% DEGLI SCARTI CRUDI

Il 100% degli scarti crudi derivanti dal ciclo di produzione vengono riutilizzati nella fase di preparazione dell'impasto, contribuendo in modo sensibile alla salvaguardia delle risorse naturali riducendo l'estrazione di materie prime da cava.

100% INDUSTRIAL WASTE REUSED - NON FIRED TILES

The totality of the non fired material, which does not comply with our high quality standards, is reused in the production cycle. As these products are not yet fired, they can be reinserted in the initial phases of the production cycle. Recycling of this waste also reduces the need of raw materials.



RIUTILIZZO/RICICLO DEL 100% DEGLI SCARTI COTTI

Gli scarti cotti sono completamente riutilizzati nel ciclo produttivo. Inoltre, a fine vita, le piastrelle LEA CERAMICHE possono essere riciclate come inerti per sottofondi di strade ed edifici, riducendo così l'uso di ghiaia ed inerti naturali comunemente utilizzati in edilizia.

100% REUSE/RECYCLING OF THE INDUSTRIAL WASTE - FIRED TILES

The waste-fired tiles are fully reused in the production cycle. In addition, at the end of life, the tiles LEA CERAMICHE can be recycled as materials for substrates for roads and buildings, thus reducing the use of gravel and natural aggregates commonly used in building.



RICICLO DEL 100% DEI RIFIUTI NON CERAMICI

Il 100% dei rifiuti non ceramici derivanti dalle attività produttive è gestito in modo differenziato e riciclato in altri processi produttivi.

100% INDUSTRIAL WASTE RECYCLED - NON CERAMIC WASTE

The totality of the non ceramic waste is differentiated and recycled in other production cycles.



RIUTILIZZO DEL 100% DELLE ACQUE DI PROCESSO

La produzione di piastrelle di ceramica richiede ingenti quantitativi di acqua. Per salvaguardare questa importante risorsa naturale LEA CERAMICHE riutilizza il 100% delle acque reflue derivanti dal ciclo di produzione, generando una riduzione fino all'80% del fabbisogno idrico degli stabilimenti.

100% WASTE WATER RECYCLED - SAFEGUARD OF NATURAL RESOURCES

The production of tiles requires important amounts of water. So as to safeguard this precious resource LEA CERAMICHE recycles 100% of waste water from the production cycle. This allows the reduction of water consumption up to 80%. None of the water used in the production cycle is discharged into the ecosystem.



BASSE EMISSIONI IN ATMOSFERA

Gli importanti investimenti attuati nelle migliori tecnologie a disposizione permettono di realizzare i prodotti LEA CERAMICHE riducendo al minimo le emissioni gassose in atmosfera, raggiungendo livelli 10 volte inferiori ai severi limiti ambientali richiesti della legislazione italiana.

LOW GAS EMISSIONS INTO THE ATMOSPHERE

LEA CERAMICHE complies strictly to Italian Standards. The strive for excellence has led us to invest in high quality technology that keeps our emissions 10 times inferior the allowed limits.



FORTE RIDUZIONE DEI CONSUMI ENERGETICI

L'uso di tecnologie all'avanguardia e di soluzioni impiantistiche ottimali riducono sensibilmente l'uso di gas metano nel processo produttivo.

METHANE CONSUMPTION IS HIGHLY REDUCED

By the use of up to date technologies and customized installations.



UTILIZZO DI IMBALLAGGI 100% RICICLABILI

I materiali impiegati per gli imballaggi dei prodotti LEA CERAMICHE (quali scatole, cartone, plastica, palette in legno, etc.) sono completamente riciclabili.

100% RECYCLABLE MATERIAL USED FOR PACKING

The materials used for the packing of LEA CERAMICHE products are completely recyclable. These materials include carton boxes, plastic materials, wooden pallets, etc.



PALLET FAO

LEA CERAMICHE utilizza pallet senza corteccia conformi allo standard IPPC / FAO ISPM 15, offrendo quindi ai Paesi importatori ogni garanzia per la salvaguardia del proprio patrimonio forestale.

FAO PALLETS

For shipments LEA CERAMICHE uses debarked pallets (DB), in accordance with the IPPC / FAO ISPM 15 standards. This is a further warranty for the forest safeguard of countries importing LEA CERAMICHE products.



Lea Ceramiche et l'environnement

Depuis toujours LEA CERAMICHE considère la protection de l'environnement un aspect très important

- en investissant dans l'acquisition des technologies, les meilleures, pour réduire au moindre les impacts des propres activités
- donnant à tous ses employés, une ambiance de travail optimale
- obtenant des précieuses certifications

Tous les produits LEA CÉRAMIQUES sont fabriqués dans des sites productives dotés de **Systèmes de Gestion Ambient certifiés:**
ISO 14001: 2015 (norme reconnue à niveau international)
EMAS (Règlement européen - Reg. CE 1221/09)

La Déclaration Environnementale Produit (DEP) communique de manière transparente les performances environnementales du grès cérame Lea Ceramiche en se basant sur l'analyse du cycle de vie (ACV). Les produits Lea Ceramiche possèdent la déclaration environnementale (DEP) de type III, certifiée par un tiers indépendant conformément aux normes EN 14025 et EN 15804 (PCR de référence). Les produits certifiés DEP sont requis par les principaux organismes de certification pour la construction comme LEED (pour l'international), BREEAM (Angleterre), HQE (France) et DGNB (Allemagne), et par les cadres législatifs prévus en Italie (conditions pour participer aux marchés publics durables). Cette certification est une démarche volontaire, et vise à apporter une valeur supplémentaire aux matériaux Lea Ceramiche, fabriqués de manière responsable et selon les meilleurs standards écologiques.

Lea Ceramiche préservation de l'environnement

La recherche incessante de prestations d'excellence afin de préserver l'environnement a conduit LEA CERAMICHE au suivi constant des principes suivants.

REUTILISATION DE 100 % DES DÉCHETS BRUTS

100 % des déchets bruts provenant du cycle de production sont réutilisés pendant la phase de préparation de la pâte, contribuant sensiblement à la préservation des ressources naturelles réduisant l'extraction de matières premières minières.

RÉUTILISATION/RECYCLAGE DE 100 % DES REBUTS DE CUISSON

Les rebuts de cuisson sont entièrement réutilisés dans le cycle de production. En fin de vie, les carreaux Lea Ceramiche peuvent par ailleurs être utilisés comme granulats pour les soubassements de routes et de bâtiments, ce qui permet de réduire l'utilisation de gravier et de granulats naturels habituellement utilisés en construction.

RECYCLAGE DE 100 % DES DÉCHETS NON CÉRAMIQUES

100 % des déchets non céramiques provenant des activités de production sont triés de façon sélective puis recyclés dans d'autres processus de production.

RÉUTILISATION DE 100 % DES EAUX DE TRAITEMENT

La production de carrelages demande une quantité d'eau considérable. Pour préserver cette ressource naturelle importante, LEA CERAMICHE réutilise 100 % des eaux usées provenant du cycle de production, ce qui permet de réduire jusqu'à 80 % des besoins hydrauliques des usines.

BASSES ÉMISSIONS DANS L'ATMOSPHÈRE

Les importants investissements actuels dans les meilleures technologies qui sont à notre disposition permettent de réaliser les produits LEA CERAMICHE, en réduisant au minimum les émissions de gaz dans l'atmosphère, et en atteignant des niveaux dix fois inférieurs aux limites environnementales très sévères fixées par la législation italienne.

FORTE RÉDUCTION DES CONSOMMATIONS ÉNERGÉTIQUES

L'utilisation de technologies de pointe et de solutions d'installations optimales permettent de réduire considérablement la consommation de gaz méthane dans le processus de production.

UTILISATION D'EMBALLAGES 100 % RECYCLABLES

Les matériaux utilisés pour les emballages des produits LEA CERAMICHE (dont des boîtes, du carton, du plastique, des palettes en bois, etc.) sont complètement recyclables.

PALETTES FAO

LEA CERAMICHE utilise des palettes sans écorce (DB) conformes aux normes IPPC / FAO ISPM 15, offrant donc aux Pays importateurs la garantie de la préservation du patrimoine forestier.

Lea Ceramiche und die umwelt

Seit immer betrachtet LEA CERAMICHE den Umweltschutz als Aspekt der höchsten Relevanz

- weil sie eindeutig in der Ausstattung der besten auf dem Markt vorhandenen Technologien investiert, um die Umweltbelastung ihrer Aktivitäten drastisch zu reduzieren
- weil sie einen sauberen, optimalen Arbeitsraum allen Mitarbeitern besorgt
- weil sie wichtige, internationale Öko-Zertifikate erhält

Alle Produkte von LEA CERAMICHE sind bei Produktionsstätten hergestellt, die mit Umweltfreundlichen **Führungssystemen ausgestattet sind:**
SO 14001: 2015 (weltweit anerkannte Norm)
EMAS (europäische Regelung - Reg. CE 1221/09)

Die Umwelt-Produktdeklaration (EPD) teilt in einer transparenten Art und Weise die Umweltleistung von Feinsteinzeug Lea Ceramiche auf der Grundlage der "Lebenszyklusanalyse" (LCA) mit. Die Produkte Lea Ceramiche verfügen über eine EPD vom Typ III, die von einem unabhängigen Dritten nach den Normen EN 14025 und EN 15804 (Referenz-PCR) zertifiziert wurde. EPD-zertifizierte Produkte werden von den wichtigsten Gebäudezertifizierungssystemen gefordert, wie z.B. LEED (International), BREEAM (England), HQE (Frankreich) und DGNB (Deutschland), sowie in Gesetzgebungsregelungen in Italien (Anforderungen für nachhaltige öffentliche Beschaffung) verlangt wird. Es ist eine freiwillige Zertifizierung, die die Materialien Lea Ceramiche Produkte weiter aufwertet, da sie nach den höchsten Standards der Nachhaltigkeit und Verantwortung produziert werden

Lea Ceramiche Umweltschutz

Das unaufhörliche Bestreben nach hervorragenden Leistungen hinsichtlich der Umwelt brachte LEA CERAMICHE zur ständigen Einhaltung folgender Prinzipien.

WIEDERVERWERTUNG VON 100 % DER ROHABFÄLLE

100% der Rohabfälle aus dem Produktionszyklus werden in der Vorbereitungsphase des Gemisches wiederverwertet und tragen somit ihren Teil zum Schutz der Naturressourcen bei, indem sie den Abbau von Rohmaterialien verringern.

WIEDERVERWENDUNG/-VERWERTUNG ZU 100% DER BEIM BRENNEN DER FLIESEN ANFALLENDEN ABFÄLLE

Die beim Brennen der Fliesen anfallenden Abfälle werden vollständig wieder in den Produktionszyklus aufgenommen. Außerdem können die Fliesen LEA Ceramiche nach ihrem "Lebensende" als inertes Material als Untergrund für Straßen oder Gebäude verwendet werden und somit den Einsatz von gewöhnlicherweise im Bauwesen eingesetzten Kies und inerten Naturmaterialien reduzieren.

100 % RECYCLING DES NICHT KERAMISCHEN ABFALLS

100 % der während dem Produktionsprozess anfallenden nicht keramischen Abfälle wird getrennt verwaltet und in anderen Produktionsprozessen wiederverwertet.

WIEDERVERWERTUNG VON 100 % DES ABWASSERS

Die Herstellung von Keramikfliesen erfordert beträchtliche Wassermengen. Um diese wichtige Naturressource zu schützen, verwertet LEA CERAMICHE 100 % der Abwässer des Produktionszyklus wieder und ermöglicht somit eine Reduktion des Wasserbedarfs in den Anlagen von bis zu 80 %.

NIEDRIGE EMISSIONSWERTE

Dank der starken Investitionen in die modernsten, verfügbaren Produktionstechnologien ist es uns möglich, sämtliche Produkte von LEA CERAMICHE so herzustellen, dass die Schadstoffemissionen in die Atmosphäre auf das Geringste reduziert werden. Wir erreichen dabei ein Niveau, das 10 mal unter den strengen Grenzwerten der italienischen Gesetzgebung liegt.

BEACHTLICHE REDUZIERUNG DES ENERGIEBEDARFS

Der Einsatz fortschrittlicher Technologien und optimaler Lösungen beim Bau der Anlagen reduzieren den Einsatz von Methangas beim Produktionsprozess auf beachtliche Weise.

VERWENDUNG VON 100 % RECYCLEBAREN VERPACKUNGEN

Die Materialien, die zur Verpackung der Produkte von LEA CERAMICHE verwendet werden (Schachteln, Kartons, Kunststoffe, Holzpaletten, usw.) sind vollständig recyclebar.

FAO-PALETTE

LEA CERAMICHE verwendet gemäß dem Standard IPPC/FAO ISPM 15 Paletten ohne Rinde (DB) und gibt daher den Importländern die Garantie, den eigenen Waldbestand zu schützen.

Certificazioni di prodotto.

Product certification / Certifications de produit / Bescheinigung des produkts

Di seguito riportate le certificazioni ottenute da Lea Ceramiche a testimonianza della massima attenzione e sensibilità verso le questione etiche, ambientali e di sicurezza e qualità. Per maggiori dettagli e per scaricare i certificati vi invitiamo a consultare il nostro sito: www.ceramichelea.it.

Below are the certifications obtained by Lea Ceramiche attesting to the utmost attention and sensitivity shown towards ethical, environmental, safety and quality issues. For more details and to download the certificates, please visit our website: www.ceramichelea.it.

CERTIFICAZIONE CERTIFICATION	DESCRIZIONE	DESCRIPTION
	UPEC è una certificazione di prodotto rilasciata dall'istituto francese CSTB che verifica l'idoneità tecnica dei prodotti in relazione al tipo di destinazione d'uso.	UPEC is a product certification issued by the French institution CSTB, verifying the technical suitability of the products related to their intended use.
	La marcatura CE è la certificazione di sicurezza del prodotto richiesta dall'Unione Europea e ha lo scopo di salvaguardare la salute delle persone.	The CE mark is a safety certification required by the European Union with the intention of safeguarding health and safety.
	Il marchio KEY-MARK e il marchio Certiquality-UNI attestano che i prodotti certificati sono conformi alle normative europee per le piastrelle ceramiche.	The KEY-MARK and the Certiquality-UNI marks confirm that the certified products are compliant with the EU laws regarding ceramic tiles.
	La Dichiarazione Ambientale di Prodotto (EPD) comunica in modo trasparente le prestazioni ambientali del gres porcellanato Lea Ceramiche basandosi sull'analisi del ciclo di vita (LCA). I prodotti Lea Ceramiche possiedono EPD specifica di tipo III, certificata da ente terzo indipendente secondo le normative EN 14025 e EN 15804 (PCR di riferimento). I Prodotti certificati EPD sono richiesti dai principali sistemi di certificazione degli edifici quali LEED (internazionale), BREEAM (Inghilterra), HQE (Francia) e DGNB (Germania), nonché in schemi legislativi in Italia (requisiti per appalti pubblici sostenibili). È una certificazione volontaria, che valorizza ancor più i materiali Lea Ceramiche perché prodotti secondo i migliori standard di sostenibilità e responsabilità.	The Environmental Product Declaration (EPD) is a transparency tool that communicates the environmental performances of Lea Ceramiche porcelain tile through a Life Cycle Assessment (LCA). Lea Ceramiche products have a type III specific EPD. This is certified by an independent third party according to EN 14025 and EN 15804 standards (applicable PCR). EPD certified products are required by the main construction certifying bodies such as LEED (international), BREEAM (England), HQE (France), and DGNB (Germany), as well as the legislative frameworks in Italy (requisites for sustainable public contracts).
	Il marchio GREENGUARD certifica i prodotti che negli ambienti interni garantiscono i più elevati standard di qualità dell'aria. Tutte le collezioni Lea Ceramiche in gres porcellanato e Slimtech hanno ottenuto la certificazione GREENGUARD GOLD, cioè lo standard di UL con i limiti più stringenti di emissioni di VOC, e sono perciò in grado di assicurare la migliore salubrità alle persone che vivono e che abitano gli ambienti. Per questo possono essere impiegate in ambienti come scuole e strutture sanitarie, frequentate da soggetti sensibili come i bambini e gli anziani. GREENGUARD GOLD è una certificazione ampiamente riconosciuta e richiesta dai programmi di edilizia sostenibile e dai regolamenti di progettazione e costruzione in tutto il mondo, come il LEED (internazionale) e il BREEAM (UK).	GREENGUARD certifies products that guarantee the highest standards of air quality in indoor environments. All porcelain stoneware and Slimtech Lea Ceramiche collections have obtained GREENGUARD GOLD certification, i.e. the UL standard with the strictest VOC emission limits, and are therefore able to ensure that they are as healthy as possible for the people who use and inhabit these environments. They can therefore be used in environments such as schools and health facilities, attended by sensitive individuals such as children and the elderly. GREENGUARD GOLD is a widely recognised certification required by sustainable building programmes and design and construction regulations around the world, such as LEED (international) and BREEAM (UK).
	Per gran parte dei suoi prodotti, Lea Ceramiche ha ottenuto una certificazione relativa al contenuto di materiale riciclato pre-consumer. Questa caratteristica di eco-sostenibilità contribuisce all'ottenimento di crediti previsti da diversi standard edilizi internazionali.	It is a voluntary certification that gives additional value to Lea Ceramiche products because they are manufactured according to the highest standards of sustainability and responsibility
	Lea Ceramiche è membro del U.S. Green Building Council e del Green Building Council ITALIA, organizzazioni che promuovono la realizzazione di edifici ed opere nel rispetto dell'ambiente, della salute e del benessere delle persone che ci vivono e lavorano	Lea Ceramiche is a member of the U.S. Green Building Council and of the Green Building Council ITALIA. These organizations promote the construction of buildings and other works which respect the environment as well as the health and well-being of the people who live and work within them.

Ci-après, les certifications obtenues par Lea Ceramiche qui témoignent de la plus haute attention et sensibilité envers les questions éthiques, environnementales, de sécurité et de qualité. Pour plus de détails et pour télécharger les certificats, nous vous invitons à consulter notre nouveau site : www.ceramichelea.it.

Im Folgenden finden Sie die Zertifizierungen, die Lea Ceramiche verliehen wurden als Anerkennung für deren große Bemühungen und Sorgfalt im Umgang mit ethischen, ökologischen, Sicherheits- und Qualitätsproblemen. Für weitere Details und um die Zertifikate herunterzuladen, besuchen Sie bitte unsere Website: www.ceramichelea.it

CERTIFICATIONS
BESCHEINIGUNG

DESCRIPTION

BESCHREIBUNG



Il s'agit d'une certification de produit, délivrée par l'Établissement français CSTB, qui vérifie la conformité technique des produits de premier choix par rapport à la destination d'usage.

Es handelt sich um eine Produktzertifizierung, die vom französischen Institut CSTB ausgestellt wird. Die Behörde prüft die technische Eignung von Erzeugnissen erster Wahl im Verhältnis zu ihrem Verwendungszweck.



La marque CE est la certification de sécurité des produits demandé par l'Union Européenne ayant comme objectif la protection et la santé des personnes.

Das CE- Kennzeichnung ist die von EU angefragte Zertifizierung für die Produkt- Sicherheit, und hat das Zweck die Gesundheit der Menschen zu schützen und die Güter in der Bauphase zu bewahren.



Le Label KEY-MARK et le Label Certiquality-UNI attestent que les produits certifiés sont conformes aux normes européennes pour les carreaux céramiques.

Die Kennzeichnung KEY-MARK und die Kennzeichnung Certiquality-UNI bescheinigen, dass die zertifizierten Produkte den Europäischen Richtlinien für Keramikfliesen entsprechen.



La Déclaration Environnementale Produit (DEP) communique de manière transparente les performances environnementales du grès cérame Lea Ceramiche en se basant sur l'analyse du cycle de vie (ACV). Les produits Lea Ceramiche possèdent la déclaration environnementale (DEP) de type III, certifiée par un tiers indépendant conformément aux normes EN 14025 et EN 15804 (PCR de référence). Les produits certifiés DEP sont requis par les principaux organismes de certification pour la construction comme LEED (pour l'international), BREEAM (Angleterre), HQE (France) et DGNB (Allemagne), et par les cadres législatifs prévus en Italie (conditions pour participer aux marchés publics durables). Cette certification est une démarche volontaire, et vise à apporter une valeur supplémentaire aux matériaux Lea Ceramiche, fabriqués de manière responsable et selon les meilleurs standards écologiques.

Die Umwelt-Produktdeklaration (EPD) teilt in einer transparenten Art und Weise die Umweltleistung von Feinsteinzeug Lea Ceramiche auf der Grundlage der "Lebenszyklusanalyse" (LCA) mit. Die Produkte Lea Ceramiche verfügen über eine EPD vom Typ III, die von einem unabhängigen Dritten nach den Normen EN 14025 und EN 15804 (Referenz-PCR) zertifiziert wurde. EPD-zertifizierte Produkte werden von den wichtigsten Gebäudezertifizierungssystemen gefordert, wie z.B LEED (International), BREEAM (England), HQE (Frankreich) und DGNB (Deutschland), sowie in Gesetzgebungsregelungen in Italien (Anforderungen für nachhaltige öffentliche Beschaffung) verlangt wird. Es ist eine freiwillige Zertifizierung, die die Materialien Lea Ceramiche Produkte weiter aufwertet, da sie nach den höchsten Standards der Nachhaltigkeit und Verantwortung produziert werden.



La marque GREENGUARD certifie les produits qui garantissent les standards de qualité de l'air les plus élevés dans les pièces intérieures. Toutes les collections Lea Ceramiche en grès cérame et Slimtech ont obtenu la certification GREENGUARD GOLD, qui est le standard de UL ayant les critères les plus sévères en matière d'émission de COV, et elles sont en mesure de garantir la meilleure salubrité aux personnes qui vivent et habitent les pièces. Elles peuvent donc être utilisées dans des locaux comme les structures sanitaires, fréquentées par des individus sensibles tels que les enfants et les personnes âgées. GREENGUARD GOLD est une certification amplement reconnue et exigée par les programmes de bâtiment durable et par les règlements de conception et construction du monde entier, comme le LEED (international) et le BREEAM (GB).

Die Marke GREENGUARD zertifiziert die Produkte, die in Innenbereichen höchste Luftqualitätsstandards garantieren. Alle Lea Ceramiche Kollektionen aus Feinsteinzeug und Slimtech haben die GREENGUARD GOLD-Zertifizierung, d.h. den UL-Standard mit den strengsten Beschränkungen für VOC-Emissionen erhalten, und sind somit in der Lage, den Bewohnern der Räume maximale Gesundheit zu garantieren. Deshalb können sie in Umgebungen wie Schulen und Gesundheitseinrichtungen eingesetzt werden, die von empfindlichen Personen wie Kindern und älteren Menschen besucht werden. GREENGUARD GOLD ist eine weithin anerkannte Zertifizierung, die von nachhaltigen Bauprogrammen sowie weltweiten Planungs- und Baubewertungssystemen wie LEED (international) und BREEAM (Vereinigtes Königreich) gefordert wird.



Pour la plupart de ses produits, Lea Ceramiche a obtenu une certification liée au contenu du matériel pré-consommateur recyclé. Cette caractéristique de l'éco-durabilité contribue à l'obtention de crédits fournis par différentes normes de construction internationales.

Für die meisten seiner Produkte hat Lea Ceramiche gewonnen eine Zertifizierung in Bezug auf den Inhalt des Materials recycelter Pre-Consumer. Dieses Merkmal der ökologischen Nachhaltigkeit trägt dazu bei, Kredite von unterschiedliche internationale Baunormen.



Lea Ceramiche est membre de l'U.S. Green Building Council et du Green Building Council d'Italie. Ces organisations promeuvent la réalisation de bâtiments et de travaux qui respectent l'environnement, la santé et le bien-être des personnes qui travaillent à la réalisation et de celles pour lesquelles elle est destinée.

Lea Ceramiche ist ein Mitglied des US-Green Building Councils und des Green Building Councils ITALIEN, beides Organisationen, die den Bau von Gebäuden und Strukturen unter Beachtung der Umwelt, Gesundheit und des Wohlbefindens der Menschen, die darin leben und arbeiten, fördern.

Certificazione del sistema qualità aziendale.

Company quality control certification / Certifications du système de qualité d'entreprise / Qualitätsbescheinigung der firma

Di seguito sono riportate le certificazioni di sistema ottenute da Panariagroup per i suoi stabilimenti. Per quanto riguarda il sistema di gestione della qualità, la certificazione ISO 9001 si estende a tutte le divisioni commerciali e alle funzioni di servizio. Anche queste testimoniano l'impegno del Gruppo verso le questioni etiche, ambientali e di sicurezza e qualità.

Here are the system certifications achieved by Panariagroup in its plants. For what concerns quality control, the ISO 9001 certification is extended to all commercial divisions and services. This also is evidence of the Group's commitment towards ethical, environmental, safety and quality issues.

CERTIFICAZIONE CERTIFICATION	DESCRIZIONE DESCRIPTION	DESCRIPTION BESCHREIBUNG
 <p>CERTIFIED QUALITY MANAGEMENT SYSTEM</p>	<p>Ai sensi della Certificazione ISO 9001, tutte le fasi del processo produttivo, a partire dall'arrivo delle materie prime fino alla scelta e confezionamento del prodotto finito, vengono opportunamente verificate da personale esperto attraverso accurati controlli di qualità. Il sistema qualità dei siti produttivi Panariagroup viene verificato con frequenza annuale da un ente certificatore esterno attraverso accurate visite ispettive.</p> <p>In accordance to the ISO 9001 certification, every passage in the production process, from the arrival of the raw material to the packaging of the finished product, is verified by experienced personnel through accurate quality control. The quality of the Panariagroup production sites is audited yearly by an external agency through detailed visits.</p>	<p>Conformément à la Certification ISO 9001, toutes les phases du processus de production, à partir de l'arrivée des matières premières jusqu'à la sélection et le conditionnement du produit fini, sont adéquatement vérifiées par du personnel expérimenté qui effectue des contrôles de qualité approfondis. Le système qualité des sites de production Panariagroup est vérifié tous les ans par un organisme de certification extérieur au moyen de visites d'inspection précises.</p> <p>Gemäß der Zertifizierung ISO 9001, werden alle Phasen des Produktionsprozesses, von der Ankunft der Rohstoffe bis zur Wahl und Verpackung des Endprodukts in geeigneter Weise von Fachpersonal durch eine sorgfältige Qualitätskontrolle überprüft. Das Qualitätssystem der Produktionsstätten der Panariagroup wird jährlich über eine externe Zertifizierungsstelle durch Inspektionsbesuche kontrolliert.</p>
 <p>CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM</p>	<p>Ai fini della Certificazione ISO 14001 tutti gli aspetti ambientali inerenti all'attività di produzione di piastrelle vengono costantemente controllati, garantendo l'utilizzo delle migliori tecnologie presenti sul mercato per ridurre al minimo gli impatti ambientali generati. Il sistema ambientale dei siti produttivi Panariagroup viene verificato con frequenza annuale da un ente certificatore esterno attraverso accurate visite ispettive.</p> <p>In accordance to the ISO 14001 certification, all the environmental aspects concerned in the production of our tiles are constantly monitored, guaranteeing the use of the best technologies on the market in order to reduce the environmental impact. The environmental system of the Panariagroup production sites is audited yearly by an external agency through detailed visits.</p>	<p>Aux fins de la Certification ISO 14001, tous les aspects environnementaux relatifs à l'activité de production de carreaux sont constamment contrôlés, garantissant l'utilisation des meilleures technologies présentes sur le marché afin de réduire au minimum les impacts environnementaux qui sont générés. Le système environnemental des sites de production Panariagroup est contrôlé tous les ans par un organisme de certification extérieur au moyen de visites d'inspection approfondies.</p> <p>Für die Zwecke der ISO 14001-Zertifizierung werden alle mit der Herstellung von Fliesen zusammenhängende Umweltaspekte kontinuierlich überwacht und der Einsatz der besten Technologien auf dem Markt gewährleistet, um die Umweltbelastung auf ein Minimum zu reduzieren. Das Umweltsystem der Produktionsstätten der Panariagroup wird jährlich von einer externen Zertifizierungsstelle durch genaue Kontrollen überprüft.</p>
 <p>EMAS</p>	<p>Il sistema comunitario di ecogestione e audit EMAS per le organizzazioni richiede la creazione di un Sistema di Gestione Ambientale basato sul continuo miglioramento delle proprie prestazioni. Il sistema si fonda sulla creazione di un rapporto di collaborazione e fiducia con i dipendenti, con le istituzioni del territorio e con il pubblico. La Dichiarazione Ambientale è il documento finale di tale processo.</p> <p>The EU EMAS Eco-Management and Audit Scheme for organisations requires the creation of a complete system of environmental management based on constant improvement. The system is based on the establishment of a rapport of cooperation and trust with employees, local authorities and the public. An Environmental Declaration is the final product of such process.</p>	<p>Le système communautaire de management environnemental et d'audit EMAS pour les organisations exige la création d'un Système de Gestion Environnemental basé sur l'amélioration constante des prestations. Le système est fondé sur la création d'un rapport de collaboration et de confiance avec les employés, avec les institutions du territoire et avec le public. La Déclaration Environnementale est le document final de ce processus.</p> <p>Das EG-Umweltmanagement und Audit EMAS für die Organisationen erfordert die Erstellung eines Umweltmanagementsystems auf der Grundlage der kontinuierlichen Verbesserung der eigenen Leistungen. Das System basiert auf der Schaffung einer Beziehung der Zusammenarbeit und des Vertrauens mit den Mitarbeitern, den lokalen Institutionen und der Öffentlichkeit. Die Umwelterklärung ist das abschließende Dokument dieses Prozesses.</p>

Prodotti certificati.

Certified products / Produits certifiés / Zertifizierte Erzeugnisse

serie
series
series
serien



Basaltina Stone Project	•	•
Bio Recover		•
Bio Select		•
Cliffstone	•	•
Concreto		•
Delight		•
District		•
Dreaming		•
Metropolis	•	•
Nextone	•	•
Stoneclay	•	•
Trame		•
Waterfall	•	•

SLIMTECH



Slimtech Concreto	•
Slimtech Take Care	•
Slimtech Waterfall	•
Slimtech Wood Stock	•

I classamenti UPEC dei singoli prodotti Lea Ceramiche, compresi quelli delle nuove collezioni 2020, sono scaricabili dal sito www.cstb.fr o tramite il link <http://webapp.cstb.fr/upec-ceramique/index.php>.

The UPEC classifications of the individual Lea Ceramiche products, including those in the new 2020 collections, can be downloaded from www.cstb.fr or via the link <http://webapp.cstb.fr/upec-ceramique/index.php>.

Les classements UPEC de chaque produit Lea Ceramiche, y compris ceux des nouvelles collections 2020, peuvent être téléchargés sur le site www.cstb.fr ou à travers le lien <http://webapp.cstb.fr/upec-ceramique/index.php>.

Die UPEC-Klassifizierungen der einzelnen Produkte von Lea Ceramiche, darunter auch jene der neuen Kollektionen 2020, können von der Seite www.cstb.fr oder über den Link <http://webapp.cstb.fr/upec-ceramique/index.php> heruntergeladen werden.

I certificati del contenuto di riciclato, compresi gli aggiornamenti 2020, sono scaricabili dal sito www.leaceramiche.it alla sezione Download/Certificazioni

Recycled content certificates, including the 2020 updates, can be downloaded from www.leaceramiche.it in the Downloads/Certifications section.

Les certificats sur la teneur en matière recyclée, y compris les mises à jour 2020, peuvent être téléchargés sur le site www.leaceramiche.it dans la section Téléchargement /Certifications.

Die Zertifikate zum Recyclinganteil, darunter auch die Aktualisierungen 2020, können von der Seite www.leaceramiche.it im Bereich Download/Zertifizierungen heruntergeladen werden.



UNI-CERTIQUALITY-KEY MARK

I certificati sono disponibili su richiesta

Certificates are available upon request

Les certificats sont disponibles sur demande

Zertifikate sind auf Anfrage erhältlich

CARATTERISTICHE TECNICHE: GRES PORCELLANATO

TECHNICAL FEATURES PORCELAIN TILES / CARACTÉRISTIQUES TECHNIQUES DU GRÉS CÉRAME TECHNISCHE EIGENSCHAFTEN DES GRES FEINSTEINZEUGS

CONFORME - ACCORDING TO - CONFORME - GEMÄß: ISO 13006 G - EN 14411 G
LEA
LEA
LEA

CARATTERISTICHE TECNICHE
TECHNICAL FEATURES
CARACTÉRISTIQUES TECHNIQUES
TECHNISCHE EIGENSCHAFTEN

metodo di prova
test method
méthode d'essai
prüfmethode

requisiti prescritti
required values
valeurs requises
vorgeschriebener wert
ISO 13006 - G / EN 14411 - G
gruppo / group Bla

valori medi
average values
valeurs moyens
durchschnittliche werte
UGL: non smaltato
UGL: unglazed

valori medi
average values
valeurs moyens
durchschnittliche werte
GL: smaltato - levigato
GL: glazed - polished

valori medi
average values
valeurs moyens
durchschnittliche werte
UGL: levigato - lappato
UGL: polished - lappato



assorbimento d'acqua
water absorption
absorption d'eau
wasserabsorption

ISO 10545-3
 $\leq 0,5\%$
0,05%
0,05%
0,05%


sfuerzo di rottura (S)
breaking strength (S)
chargement de rupture (S)
bruchlast (S)

ISO 10545-4
 $\geq 1300 \text{ N}$

conforme
compliant
conforme
gemäß
13600 N (20mm)
⊕ L2

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß



resistenza alla flessione
modulus of rupture
résistance à la flexion
beigefestigkeit

ISO 10545-4
 $\geq 35 \text{ N/mm}^2$
50 N/mm²
50 N/mm²
50 N/mm²


classe requisiti meccanici
mechanical classification
classe mécanisches erfordernis
résistance mécanique

EN 1339

requisito non previsto
no provision
non prévu
nicht erforderlich

U14 (20mm)**
⊕ L2

-

-



resistenza all'abrasione profonda
résistance to deep abrasion
résistance à l'abrasion profonde
widerstand gegen tiefenabrieb

ISO 10545-6
 $\leq 175 \text{ mm}^3$
145 mm³

non applicabile
not applicable
no applicable
nicht anwendbar

145 mm³


dilatazione termica lineare
linear thermal expansion
dilatation thermique linéaire
thermische dilatation

ISO 10545-8

requisito non previsto
no provision
non prévu
nicht erforderlich

 $\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
 $\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
 $\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$


resistenza alle macchie
stain resistance
résistance aux taches
fleckenbeständigkeit

ISO 10545-14
classe 3 minimo

5 (resistente)
(resistant)
(résistant)
(beständig)

5 (resistente)
(resistant)
(résistant)
(beständig)
≥ 3 (lux)

5 (resistente)
(resistant)
(résistant)
(beständig)
≥ 3 (lux)



resistenza attacco chimico*
chemical resistance
résistance chimique
chemische beständigkeit

ISO 10545-13

come indicato dal produttore
as indicated by manufacturer
comme indiqué par le producteur
wie vom hersteller angegeben

LA - HA (resistente)
(resistant)
(résistant)
(beständig)

LA - HA (resistente)
(resistant)
(résistant)
(beständig)

LA - HA (resistente)
(resistant)
(résistant)
(beständig)



resistenza al gelo
frost resistance
résistance au gel
frostbeständigkeit

ISO 10545-12

nessuna alterazione
no alterations
aucune alteration
keine änderung

resistente
resistant
résistant
beständig

resistente
resistant
résistant
beständig

resistente
resistant
résistant
beständig



reazione al fuoco
fire reaction
réaction au feu
Brandverhalten

EN 13823
**CPR (UE) 305/2011
2000/147/CE**
Classe / Class A1
(wall)

Classe / Class A1
(wall)

Classe / Class A1
(wall)

EN 9239-1
UNI EN 13501-1
Classe / Class A1_n
(floor)

Classe / Class A1_n
(floor)

Classe / Class A1_n
(floor)


conducibilità termica
thermal conductivity
conductivité thermique
Wärmeleitfähigkeit

EN 12524

-

 $\lambda = 1,3 \text{ W/m}^2 \text{ k} /$
0.7 BTU/ft h° F
 $= 1,3 \text{ W/m}^2 \text{ k} /$
0.7 BTU/ft h° F
 $= 1,3 \text{ W/m}^2 \text{ k} /$
0.7 BTU/ft h° F


caratteristiche dimensionali
dimensions
caractéristiques
dimensionnelles
scitenmasse

lunghezza e larghezza
length and width
longueur et largeur
länge und breite

ISO 10545-2
 $\pm 0,6\% \text{ max } \pm 2\text{mm}$
Non rett / Not rect

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

rettilinearità spigoli
straightness of sides
rectitude des arêtes
kantengeradheit

ISO 10545-2
 $\pm 0,5\% \text{ max } \pm 1,5\text{mm}$
Non rett / Not rect

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

 $\pm 0,3\% \text{ max } \pm 0,8\text{mm}$
Rett / Rect

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

ortogonalità
rectangularity
orthogonalité
rechtwinkligkeit

ISO 10545-2
 $\pm 0,5\% \text{ max } \pm 2\text{mm}$
Non rett / Not rect

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

 $\pm 0,3\% \text{ max } \pm 1,5\text{mm}$
Rett / Rect

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

planarità
warpage
planéité
ebenflächigkeit

ISO 10545-2
 $\pm 0,5\% \text{ max } \pm 2\text{mm}$
Non rett / Not rect

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

 $\pm 0,4\% \text{ max } \pm 1,8\text{mm}$
Rett / Rect

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß

spessore
thickness
épaisseur
stärke

ISO 10545-2
 $\pm 5\% \text{ max } \pm 0,5\text{mm}$

conforme
compliant
conforme
gemäß

conforme
compliant
conforme
gemäß










conforme
compliant
conforme
gemäß

* **ad esclusione dell'acido fluoridrico e suoi derivati** / excluding hydrofluoridric acid and its derivatives
sauf l'acide fluorhydrique et ses dérivés / ausgenommen den fluorwasserstoff und seine derivate

** **carrabile quando incollata su massetto. La classificazione si riferisce al solo formato quadrato, fino a 60x60 cm** / can be driven on when glued on screed. The classification only refers to the square format, up to 60x60 cm / carrossable s'il est collé sur une chape. La classification ne concerne que le format carré, jusqu'à 60x60 cm / befahrbar bei Verkleben auf Estrich. Die Klassifikation bezieht sich nur auf das quadratische Format, bis zu 60x60 cm

TECHNICAL CHARACTERISTICS: PORCELAIN TILES.

(AMERICAN STANDARDS)

ACCORDING TO ANSI A 137.1 GLAZED AND UNGLAZED PORCELAIN TILES (CLASS P1)				LEA	LEA	LEA	
TECHNICAL FEATURES	test method	required values	average values	average values	average values	average values	
		ANSI A 137.1	UGL: unglazed	GL: glazed polished	UGL: polished lappato		
 water absorption	ASTM C373	≤ 0.5%	0.05%	0.05%	0.05%		
 breaking strength	ASTM C648	≥ 250 lbf	compliant 2800 lbf (20mm) ⊕ L2	compliant	compliant		
 deep abrasion resistance	ASTM C1243	≤ 175 mm ³	145 mm ³	not applicable	145 mm ³		
 linear thermal expansion	ASTM C372	no provision	α ≤ 4.4x10 ⁻⁶ °F ⁻¹ α ≤ 8x10 ⁻⁶ °C ⁻¹	α ≤ 4.4x10 ⁻⁶ °F ⁻¹ α ≤ 8x10 ⁻⁶ °C ⁻¹	α ≤ 4.4x10 ⁻⁶ °F ⁻¹ α ≤ 8x10 ⁻⁶ °C ⁻¹		
 stain resistance	ASTM C1378	as indicated by manufacturer	A resistant	A resistant C (lux)	A resistant C (lux)		
 chemical resistance*	ASTM C650	as indicated by manufacturer	A resistant	A resistant	A resistant		
 frost resistance	ASTM C1026	as indicated by manufacturer	resistant	resistant	resistant		
 flame spread	ASTM E84	-	Class A	Class A	Class A		
 dimensions	edge warpage	ASTM C485	rectified ± 0.40% or max ± 0.05 inch for tiles up to 24"x24" or max ± 0.07 inch for tiles larger than 24"x24"	calibrated ± 0.75% or max ± 0.09 inch	compliant	compliant	compliant
	diagonal warpage	ASTM C485	rectified ± 0.40% or max ± 0.07 inch	calibrated ± 0.50% or max ± 0.08 inch	compliant	compliant	compliant
	nominal dimensions	ASTM C499	rectified - 3.0% / + 2.0% of nominal dimensions	calibrated ± 3.0% of nominal dimensions	± 1.5%	± 1.5%	± 1.5%
	calber range	ASTM C499	rectified ± 0.25% or max ± 0.03 inch	calibrated ± 0.50% or max ± 0.08 inch	compliant	compliant	compliant
	thickness	ASTM C499	≤ 0.040 inch	≤ 0.040 inch	≤ 0.030 inch	≤ 0.030 inch	≤ 0.030 inch
	wedging	ASTM C502	rectified ± 0.25% or max ± 0.03 inch	calibrated ± 0.50% or max + 0.08 inch	compliant	compliant	compliant

* excluding hydrofluoridric acid and its derivatives

TECHNICAL FEATURES LAMINATED PORCELAIN / CARACTÉRISTIQUES TECHNIQUES
 DU GRÈS LAMINÉ / TECHNISCHE EIGENSCHAFTEN DES LAMINIERTEN FEINSTEINZEUGS

**CONFORME - ACCORDING TO - CONFORME - GEMÄß:
 ISO 13006 G - EN 14411 G**
**CARATTERISTICHE
 TECNICHE**
 TECHNICAL FEATURES
 CARACTÉRISTIQUES
 TECHNIQUES
 TECHNISCHE
 EIGENSCHAFTEN

metodo di prova
 test method
 méthode d'essai
 prüfmethode

requisiti prescritti
 required values
 valeur requise
 vorgeschriebener wert
**ISO 13006 - G /
 EN 14411 - G Bia UGL**
LEA
LEA
LEA
valori medi
 average values
 valeurs moyens
 durchschnittliche werte
**slimtech 3plus
 (lastra + fibra di vetro)**
 (slab + fiberglass)

valori medi
 average values
 valeurs moyens
 durchschnittliche werte
**slimtech 5plus
 (lastra + fiba di vetro)**
 (slab + fiberglass)

valori medi
 average values
 valeurs moyens
 durchschnittliche werte
slimtech 6mm

assorbimento d'acqua
 water absorption
 absorption d'eau
 wasserabsorption

ISO 10545-3
≤ 0,5%
0,1%*
0,1%*
0,1%

resistenza alla flessione
 modulus of rupture
 résistance à la flexion
 beugefestigkeit

ISO 10545-4
≥ 35 N/mm²
50 N/mm²
50 N/mm²
50 N/mm²

**resistenza all'abrasione
 profonda**
 résistance to deep abrasion
 résistance à l'abrasion
 profunde
 widerstand gegen tiefenabrieb

ISO 10545-6
≤ 175 mm³
conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

**dilatazione termica
 lineare**
 linear thermal expansion
 dilataion thermique linéaire
 thermische dilatation

ISO 10545-8
**requisito
 non previsto**
 no provision
 non prévu
 nicht erforderlich

 $\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
 $\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
 $\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$

resistenza alle macchie
 stain resistance
 résistance aux taches
 fleckenbeständigkeit

ISO 10545-14
classe 3 min.
5 (resistente)
 (resistant)
 (résistant)
 (beständig)

5 (resistente)
 (resistant)
 (résistant)
 (beständig)
≥ 3 (lev)
5 (resistente)
 (resistant)
 (résistant)
 (beständig)
≥ 3 (lev - touch)

**resistenza attacco
 chimico****
 chemical resistance
 résistance chimique
 chemische beständigkeit

ISO 10545-13
**come indicato dal
 produttore**
 as indicated by
 manufacturer
 comme indiqué par
 le producteur
 wie vom hersteller
 angegeben

LA - HA (resistente)
 (resistant)
 (résistant)
 (beständig)

LA - HA (resistente)
 (resistant)
 (résistant)
 (beständig)
LB - HB (lev)
LA - HA (resistente)
 (resistant)
 (résistant)
 (beständig)
LB - HB (lev - touch)

resistenza al gelo
 frost resistance
 résistance au gel
 frostbeständigkeit

ISO 10545-12
nessuna alterazione
 no alterations
 aucune altération
 keine änderung

resistente
 resistant
 résistant
 beständig

resistente
 resistant
 résistant
 beständig

resistente
 resistant
 résistant
 beständig

reazione al fuoco
 fire reaction
 réaction au feu
 Brandverhalten

EN 13823
EN 9239-1
**CPR (UE) 305/2011,
 2000/147/CE,
 UNI EN 13501-1**
Classe / Class A2 s1,d0
 (wall)

Classe / Class A2FL-s1
 (floor)

Classe / Class A2 s1,d0
 (wall)

Classe / Class A2FL-s1
 (floor)

Classe / Class A1
 (wall)

Classe / Class A1_n
 (floor)

conducibilità termica
 thermal conductivity
 conductivité thermique
 Wärmeleitfähigkeit

EN 12524
-
 **$\lambda = 1,3 \text{ W/m}^2 \text{ k} / 0,7$
 BTU/ft h² F**
 **$\lambda = 1,3 \text{ W/m}^2 \text{ k} / 0,7$
 BTU/ft h² F**
 **$\lambda = 1,3 \text{ W/m}^2 \text{ k} / 0,7$
 BTU/ft h² F**

**caratteristiche
 dimensionali**
 dimensions
 caractéristiques
 dimensionnelles
 sichtenmasse

**lunghezza e
 larghezza**
 ISO
10545-2
 length and width
 longueur et largeur
 länge und breite

± 0,3% max ± 1mm
conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

rettilinearità spigoli
 ISO
10545-2
 straightness of sides
 rectitude des arêtes
 kantengeradheit

± 0,3% max ± 0,8mm
conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

ortogonalità
 ISO
10545-2
 rectangularity
 orthogonalité
 rechtwinkligkeit

± 0,3% max ± 1,5mm
conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

planarità
 ISO
10545-2
 warpage
 planéité
 ebenflächigkeit

± 0,4% max ± 1,8mm
conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

spessore
 ISO
10545-2
 thickness
 épaisseur
 stärke

± 5% max ± 0,5mm
conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

conforme
 compliant
 conforme
 gemäß

* valore riferito al solo materiale ceramico / value referred to ceramic material only
 valeur qui se réfère uniquement au matériel céramique / der wert bezieht sich ausschließlich auf keramisches material

**ad esclusione dell'acido fluoridrico e suoi derivati / excluding hydrofluoridric acid and its derivatives
 sauf l'acide fluorhydrique et ses dérivés / ausgenommen den fluorwasserstoff und seine derivate

(AMERICAN STANDARDS)

ACCORDING TO ANSI A 137.3 (BACK LAYERED GAUGED PORCELAIN SLABS)				LEA	LEA	LEA
TECHNICAL FEATURES	test method	requirements	average values	average values	average values	
		ANSI A137.3 porcelain tile - class P1	slimtech 3plus (slab + fiberglass)	slimtech 5plus (slab + fiberglass)	slimtech 6mm	
water absorption	ASTM C373	≤ 0,5%	0.1%*	0.1%*	0.1%	
modulus of rupture	ASTM C1505	≥ 6000 lbf	≥ 6000 lbf	≥ 6000 lbf	≥ 6000 lbf	
breaking strength	ASTM C1505	thickness 3.5 4.9 mm: ≥ 85 lbf thickness 5 6.5 mm: ≥ 175 lbf	≥ 85 lbf	≥ 175 lbf	≥ 175 lbf	
deep abrasion resistance	ASTM C1243	≤ 175 mm ³	compliant	compliant	compliant	
linear thermal expansion	ASTM C372	no provision	$\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1} /$ $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	$\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1} /$ $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	$\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1} /$ $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
stain resistance	ASTM C1378	as indicated by manufacturer	class A resistant	class A resistant class C (lev)	class A resistant class C (lev - touch)	
chemical resistance**	ASTM C650	as indicated by manufacturer	class A resistant class C (lev)	class A resistant class C (lev)	class A resistant class C (lev - touch)	
frost resistance	ASTM C1026	as indicated by manufacturer	resistant	resistant	resistant	
flame spread	ASTM E84	-	class A	class A	class A	
dimensions	ASTM C499	0.5 mm (0.02")	compliant	compliant	compliant	
	nominal dimensions	ASTM C499	Max ±3.0% of nominal dimensions	compliant	compliant	compliant
	caliber range	ASTM C499	Max ±0.25% or max ±0.03"	compliant	compliant	compliant
	thickness	ASTM C499	Max ±0.5 mm (±0.02") from nominal thickness	compliant	compliant	compliant
	thickness variation	ASTM C499	0.5 mm (0.02")	compliant	compliant	compliant
	wedging	ASTM C502	Max ±0.25% or max ±0.03"	compliant	compliant	compliant

* value referred to ceramic material only
**excluding hydrofluoridric acid and its derivatives

Caratteristiche prodotto: Lealab - TYPE32 - PAD

Product characteristics: LeaLab - TYPE32 - PAD / Caractéristiques du produit: LeaLab - TYPE32 - PAD / Produkt-Eigenschaften: LeaLab - TYPE32 - PAD

<p>inchiostri inks encres Tinten</p>	<p>base acqua water-based base eau auf Wasserbasis</p>
<p>protettivi protective layers protecteurs Schutzmittel</p>	<p>base acqua water-based base eau auf Wasserbasis</p>
<p>resistenza dei colori alla luce DIN 51094 resistance of colours to light DIN 51094 résistance des couleurs à la lumière DIN 51094 Lichtbeständigkeit der Farben nach DIN 51094</p>	<p>superficie inalterata surface unaltered surface inaltérée unveränderte Oberfläche</p>
<p>resistenza attacco chimico ISO 10545-13 chemical resistance ISO 10545-13 résistance chimique ISO 10545-13 chemischee beständigkeit ISO 10545-13</p>	<p>GLA - GHA resistente GLA - GHA resistant GLA - GHA résistant GLA - GHA beständig</p>
<p>resistenza alle macchie stain resistance résistance aux taches fleckenbeständigkeit</p>	<p>resistente al contatto con alimenti e bevande resistant to contact with food and drink résistant au contact avec les aliments et les boissons Widerständigkeit beim Kontakt mit Lebensmitteln und Getränken</p>
<p>pulizie quotidiane daily cleaning nettoyages quotidiens Tägliche Reinigung</p>	<p>utilizzare solo detersivi neutri, non utilizzare spugne o paste abrasive use only neutral detergents, do not use abrasive sponges or paste utiliser uniquement des détergents neutres, ne pas utiliser d'éponges ou de pâtes abrasives nur neutralen Reinigungsmitteln verwenden, keine Schleifmittel oder Schleifschwämme verwenden</p>
<p>resistenza superficiale surface strength surface résistante Oberflächenwiderstand</p>	<p>per preservare l'unicità della superficie evitare il contatto con elementi graffianti to preserve the integrity of the surface avoid contact with abrasive materials a fin de préserver le caractère unique de la surface, évitez le contact avec des éléments abrasifs Für den Erhalt der Einzigartigkeit der Oberfläche den Kontakt mit kratzenden Elementen vermeiden</p>
<p>taglio cut découpe Schnitt</p>	<p>per garantire l'impermeabilità della superficie, in caso di necessità di tagliare la singola lastra stuccare il bordo tagliato utilizzando prodotti epossidici * in order to guarantee the impermeability of the surface, if it becomes necessary to cut the individual slab the cut edge must be plastered with an epoxy product pour garantir l'étanchéité de la surface, en cas de nécessité de couper la plaque seule plâtrez le bord découpé en utilisant des produits époxydes Zur Gewährleistung der Dichtheit der Oberfläche, die einzelne Platte falls notwendig schneiden und den geschnittenen Rand mit Epoxydprodukten behandeln</p>
<p>stucco grout mastic Fugenmaterial</p>	<p>il prodotto si può stuccare sia con prodotti epossidici che con prodotti cementizi; * in caso di utilizzo con stucchi epossidici proteggere la superficie con nastro adesivo per mascheratura the product can be grouted using both epoxy and cement products; * if epoxy grouts are used, protect the surface with masking tape le produit peut être enduit avec des mastics à base d'époxy ou de ciment; * si l'on utilise des mastics époxy, protéger la surface avec du ruban adhésif à protection das Produkt kann man mit Epoxyd-oder-Zementfugen ausfugen; * Beim Verwenden von Epoxyd-Fugenmaterial muss man die Oberfläche sorgfältig schützen Mit Klebband</p>

Tabella calibri.

Size table/ Tableaux des calibres / Formattabellen

Formati / Sizes / Formats / Formate \square



gres porcellanato



L2 - 20mm

20,0x121,5**	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
M	198,0x1201,0
Q	198,4x1203,4
S	198,8x1205,8
T	199,2x1208,2
X	199,6x1210,6
U	200,0x1213,0
A	200,4x1215,4

30x60	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	299,0x600,0
P	298,0x598,0
Q	297,0x596,0
R	296,0x595,0

60x60	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	600,0x600,0
P	598,0x598,0
Q	596,0x596,0
R	595,0x595,0

60x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	600,0x1202,0
P	598,0x1198,0
Q	596,0x1195,0
R	595,0x1192,0

20x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	198,7x1202,0
P	198,0x1198,0
Q	197,0x1195,0

30x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	299,0x1202,0
P	298,0x1198,0
Q	297,0x1195,0

30x90	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	299,0x901,0
P	298,0x898,0
Q	297,0x895,0

45x90	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	449,5x901,0
P	448,0x898,0
Q	446,5x895,0

90x90	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	901,0x901,0
P	898,0x898,0
Q	895,0x895,0

20x180	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	198,7x1803,0
P	198,0x1799,0
Q	197,0x1795,0

30x180	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
O	298,0x1803,0
P	297,0x1799,0
Q	296,0x1795,0

88x88	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
S	881,0x881,0
T	878,0x878,0
U	875,0x875,0

**non rettificato / not rectified / non rectifié / ungeschliffen

Formati / Sizes / Formats / Formate \square



20x100	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	197,0x1000,0

20x150	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	197,0x1500,0

20x200	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	197,0x2000,0

33x300	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	330,0x3000,0

50x100	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	497,0x997,0

100x100	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	997,0x997,0

100x150	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	997,0x1500,0

50x150	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	497,0x1500,0

100x300	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
F	997,0x3000,0

Formati / Sizes / Formats / Formate \square



60x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
P	598,0x1198,0

120x120	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
P	1198,0x1198,0

120x260	
CALIBRO - CALIBRE CALIBRE - KALIBER	W*(mm)
P	1198,0x2600,0

Suggerimenti per la posa.

Laying suggestions / Conseils pour la pose / Empfehlungen für das Verlegen

È compito del posatore controllare sempre il materiale prima della posa. Stendere a terra alcune piastrelle (circa 3 mq) e verificarne accuratamente le specifiche tecniche ed estetiche d'insieme.

POSA

Con collanti indicati per prodotti a bassa porosità. Dopo aver effettuato la stuccatura, rimuovere in breve tempo con frequenti lavaggi di spugna ed acqua gli eccessi fino alla totale pulizia del pavimento. Successivamente fare lavaggio acido e alcalino come da istruzioni Lea Ceramiche. Per la realizzazione di tagli interni e a "L" si consiglia di arrotondare i vertici dell'apertura utilizzando punte con diametro di almeno 5 mm, per ridurre il rischio di rottura o fessurazioni, nel materiale già posato.

È consigliabile posare il gres porcellanato Lea Ceramiche utilizzando livellatori meccanici. Va però evidenziato che in commercio sono disponibili molteplici modelli, alcuni dei quali per le loro modalità di utilizzo, possono risultare non indicati per prodotti ceramici con particolari finiture. In caso di necessità si prega di contattare il Technical Department Panariagroup prima dell'installazione.

Per le indicazioni di posa di Slimtech far riferimento al Manuale Tecnico Slimtech.

SOTTOFONDO

Massetto cementizio.

DIMENSIONE FUGA

2 mm per i prodotti rettificati e 4 mm per i prodotti non rettificati. Salvo diversa indicazione dei Codici di Posa Nazionali. La larghezza delle fughe deve comunque essere decisa dalla Direzione Lavori.

COLORE FUGA

Grigio cemento o colore in tono con la piastrella.

Prima di usare stucchi colorati a grana fine su prodotti lappati, LEVIGATI O SPAZZOLATI, fare sempre un test di prova. Se il pigmento colorato è molto tenace la rimozione potrebbe risultare molto difficoltosa.

The person in charge of installation must check all material before installing it. Place some tiles on the floor (approx. 3 m²) and check the overall technical and aesthetic characteristics with particular care.

Le poseur doit donc toujours contrôler le matériel avant la pose. Poser quelques carreaux (environ 3 m²) sur le sol sans les coller et en contrôler soigneusement les spécifications techniques et esthétiques générales.

Es ist Aufgabe des Fliesenlegers das Material vor der Verlegung stets zu kontrollieren. Einige Fliesen auf den Boden legen (circa 3 qm) und sorgfältig die spezifische ganzheitlichen Technik und Ästhetik überprüfen.

LAYING

With adhesives for products with a low porosity. After grouting, remove any excess product as quickly as possible by repeatedly washing the area with a sponge and water. Then perform acid washing, as instructed by Lea Ceramiche.

To create interior and "L" cuts it is advisable to round off the tops of the opening using drill bits with a diameter of at least 5 mm to reduce the risk of breakage or cracks in the already laid material. It is advisable to lay Lea Ceramiche porcelain stoneware using mechanical levellers. However, it should be noted that many models are available on the market, some of which, due to their operating methods, may not be suitable for ceramic products with particular finishes. If necessary, please contact the Panariagroup Technical Department before installation.

For instructions on laying Slimtech, refer to the Slimtech Technical Manual.

POSE

Avec des colles adaptées aux produits à faible porosité. Après avoir effectué le stucage, éliminer rapidement les excès par des lavages fréquents avec une éponge et de l'eau jusqu'à ce que le sol soit complètement propre. Effectuer ensuite le lavage acide et alcalin selon les instructions fournies par Lea Ceramiche. Sous-couche: lit de ciment compact. Pour réaliser des découpes internes en « L » nous conseillons d'arrondir les sommets de l'ouverture avec des forets de 5mm de diamètre minimum, afin de réduire le risque de rupture ou de fissure du matériau déjà en place.

Nous conseillons de poser le grès cérame Lea Ceramiche en utilisant des niveleuses mécaniques. Nous faisons remarquer qu'il existe dans le commerce plusieurs modèles, dont certains peuvent, à cause de leur mode d'emploi, ne pas être indiqués pour les produits en céramique ayant des finitions particulières. En cas de besoin veuillez contacter le Service technique de Panariagroup avant de procéder à l'installation. Pour les indications de pose de Slimtech consultez le Manuel technique de Slimtech.

VERLEGUNG

Mit klebern für produkte mit geringer porosität. Nach vorgenommener spachtelung schnell mit häufigem reinigen mit schwamm und wasser das überschüssige material bis zur vollständigen reinigung des fußbodens entfernen. Anschließend saures und alkalines nachspülen vornehmen, gemäß den vorgaben von Lea Ceramiche. Für Innen- und „L“-Schnitte empfehlen wir, die Kanten der Öffnung mit Aufsätzen mit mindestens 5 mm Durchmesser abzurunden, um das Risiko von Bruchstellen oder Rissen im bereits verlegten Material zu verhindern. Feinsteinzeug von Lea Ceramiche sollte mithilfe von mechanischen Richtmaschinen verlegt werden. Es ist jedoch zu beachten, dass auf dem Markt eine Vielzahl von Modellen erhältlich ist. Einige davon könnten aufgrund der Art und Weise, wie sie verwendet werden, für Keramikprodukte mit speziellem Finish nicht geeignet sein. Bei Bedarf bitte vor dem Verlegen mit der Technischen Abteilung von Panariagroup Rücksprache halten. Für Anweisungen zum Verlegen von Slimtech bitte im Technischen Handbuch von Slimtech nachlesen.

SUBSTRATE

Compact cement bed.

SOUS-COUCHE

Lit de ciment compact.

UNTERGRUND

Kompakter Zementestrich.

JOINT WIDTH

2 mm for rectified tiles and 4 mm for not ground tiles. The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards.

DIMENSION JOINT

2 mm pour les carreaux rectifiés et 4 mm pour les carreaux pas rectifiés. Sauf indication contraire contenue dans les Normes de Pose Nationaux, la dimension des joints doit en tous cas être définie par le directeur des travaux.

FUGENBREITE

2 mm für geschliffene Platten und 4 mm für ungeschliffene Platten. Sofern in den Nationalen Verlegungsstandards nicht anders angegeben, ist die Breite der Fugen von der Bauleitung zu bestimmen.

GROUT COLOUR

Grey or matching the colour of the tile. Before using fine-grain coloured grout on lapped, polished or brushed products, always perform a test. If the coloured pigment is very adhesive, it may be very difficult to remove.

COULEUR JOINT

Ciment griso ou dans la teinte du carreau. Toujours effectuer un test avant d'utiliser des stucs colorés à granulométrie fine sur des produits poncés, polis et brossés. L'élimination d'un pigment très prononcé pourrait s'avérer difficile.

FUGENFARBE

Grau oder auf die Fliesenfarbe abgestimmt. Bevor farbige fugenfüller mit feiner körnung auf geläpften, gehonten und gebürsteten produkten eingesetzt werden ist stets eine probeanwendung erforderlich. Wenn das farbpigment sehr resistent ist, könnte der fugenfüller sehr schwer zu entfernen sein.

Gradino plus. Informazioni per la posa.

Step tread plus. Laying information / Nez de marche plus. Informations pour la pose / Plus-stufen. Informationen für die Verlegung

Effettuare sempre la posa con adesivo.

Per la posa su sottofondi cementizi utilizzare adesivi elastici di classe S2 secondo EN 12004. Nel caso di posa su altri supporti (es. legno, truciolare...) contattare i fornitori per la scelta dell'adesivo più idoneo. Verificare che il sottofondo sia stabile, planare e pulito. Gli strati cementizi (massetti, calcestruzzo, strati di livellamento/pendenza...) devono essere stagionati, cioè devono aver esaurito i fenomeni di ritiro. Evitare la presenza di acqua sul sottofondo. Nel caso in cui la pavimentazione in esercizio sarà a contatto con l'acqua (ambienti esterni, centri benessere, docce, spogliatoi...) è necessario:

- realizzare sottofondi con pendenza di almeno l'1% (1 cm per ogni metro);
- applicare idonei impermeabilizzanti sulla superficie del sottofondo;
- miscelare gli stucchi con idonei laticci che riducano la porosità delle fughe.

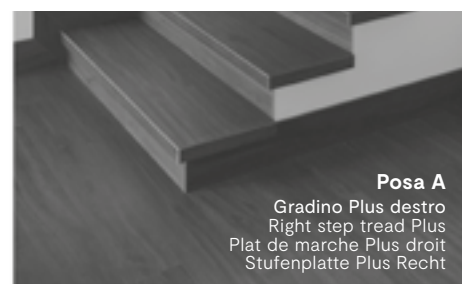
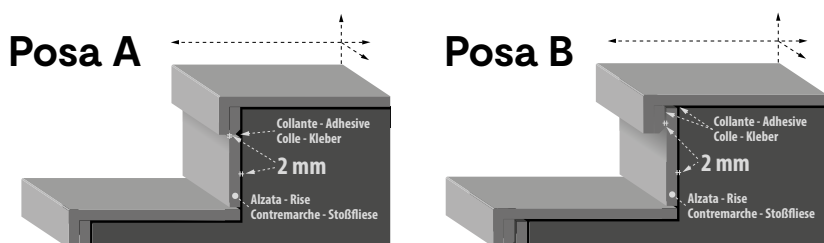
NON LASCIARE VUOTI sotto ai Gradini Plus, posare con "doppia spalmatura" anche nella parte verticale dei pezzi. Il bordo verticale del Gradino Plus deve essere distanziato di alcuni mm (almeno 3-4 mm) dal sottofondo e lo spazio vuoto deve essere riempito con collante, v. figure.

Calpestare i Gradini Plus e riempire le fughe solo quando l'adesivo ha fatto presa secondo le indicazioni riportate dai fabbricanti. Posare sempre con la fuga, che dovrà avere idonee dimensioni e comunque calcolata dal progettista. Prevedere nella pavimentazione i giunti perimetrali a contatto con elementi strutturali verticali (muri, colonne...) ed idonei giunti di dilatazione.

Evitare sistemi rigidi:

- volendo rivestire la parte verticale degli scalini ("alzata"), posare il materiale ben distanziato dai Gradini Plus, come mostrato nelle figure.
- nel caso di terrazze o balconi, assicurarsi che le eventuali grondaie siano un sistema a sé stante, cioè siano ben distaccate dai Gradini Plus.

Evitare di pulire i Gradini Plus con prodotti chimici aggressivi, che potrebbero danneggiare la resina epossidica utilizzata per il loro incollaggio. In caso di posa a bordo piscina, il Gradino Plus (sia pedata che parte verticale del pezzo) deve essere incollato direttamente solo su sottofondi cementizi. Non incollare il Gradino Plus sopra la vasca di contenimento dell'acqua (plastica, vetroresina, etc.).



Always lay using adhesive.

When laying on cement bases use elastic class S2 EN 12004 compliant adhesive. When laying on other bases (e.g. wood, chipboard...) contact suppliers for the choice of the best adhesive.

Check that the base is stable, flat and clean. Cement layers (screed, concrete, levelling/sloping layers...) must be seasoned, that is must have withdrawn completely.

Avoid any water on the base. If flooring in use is in contact with water (exteriors, wellness centres, showers, changing rooms...) you need to:

- create bases with a slope of at least 1% (1 cm for each metre);
- apply suitable waterproofing to the base;
- mix the stucco with suitable latexes to reduce porosity of fugues.

DO NOT LEAVE EMPTY SPACES under the "Plus" Steps; lay by "double spreading" even for vertical parts.

The vertical parts of "Plus" Steps must be spaced a few mm (at least 3-4 mm) from the base and the empty space must be filled with glue, see pictures.

Walk on the "Plus" Steps and only fill fugues when the adhesive holds following manufacturer instructions. Always lay with fugues of the right size, calculated by the designer.

Plan for perimeter joints in flooring coming into contact with vertical structural elements (walls, columns...) and suitable expansion joints.

Avoid rigid systems:

- If you want to cover the vertical part of steps ("rise"), lay the material the right distance from the "Plus" Steps, as shown in the pictures.
- For terraces and balconies, makes sure any gutters are a system to themselves; that is are well separated from the "Plus" Steps.

Avoid cleaning Plus step treads with aggressive chemical products, which could damage the epoxy resin used to assemble them.

In the case of poolside installation, Plus step treads (both the tread and vertical part of the step tread) must be adhered directly to the cement subfloor.

Do not install Plus step treads above the water containment tub (plastic, fibreglass, etc.).

Effectuer toujours la pose collée.

Pour la pose sur les sous-couches en ciment, utiliser des colles élastiques de classe S2 conformes à la norme EN 12004. En cas de pose sur d'autres supports (ex. bois, mélaminé...) contacter les fournisseurs pour le choix de la colle la plus appropriée.

Vérifier que la sous-couche est stable, plane et propre. Les temps de séchage du support (chapes, béton armé, produits de ragréage...) doivent être parfaitement respectés c'est-à-dire que les phénomènes de retrait doivent être terminés.

Éviter la présence d'eau sur la sous-couche. Si le sol à carrelé doit entrer en contact avec l'eau (pose en extérieur, centres bien-être, douches, vestiaires...) il est nécessaire:

- de réaliser une sous-couche avec une pente d'au moins 1% (1 cm/mètre)
- d'appliquer des imperméabilisants appropriés sur la sous-couche
- de gâcher les mortiers avec des latex appropriés qui réduisent la porosité des jointoiements.

NE PAS LAISSER DE VIDES sous les nez de marche "Plus"; appliquer la colle avec la technique du double encollage (support et envers des carreaux), ainsi que sur le bord vertical des carreaux.

Le bord vertical des nez de marche "Plus" doit être à une distance de quelques mm (au moins 3-4 mm) de la sous-couche et l'espace vide doit être rempli avec de la colle, voir les figures.

Ne piétiner les nez de marche "Plus" et ne remplir les joints que lorsque la colle a déjà fait prise, selon les indications fournies par les fabricants. Poser toujours avec un joint dont les dimensions seront calculées par le projeteur.

Prévoir sur le carrelage des joints périphériques aux points de contact avec les éléments structurels verticaux (mur, colonnes...) et des joints de dilatation opportuns.

Éviter les systèmes rigides :

- si l'on désire carrelé la partie verticale des marches (contre-marche), poser les carreaux à une certaine distance des nez de marche "Plus" comme le montrent les figures.

Pour les terrasses et les balcons, s'assurer que gouttières sont totalement indépendantes, c'est-à-dire bien séparées des nez de marche "Plus".

Éviter de nettoyer les nez de marche Plus avec des produits chimiques agressifs, qui pourraient endommager la résine époxy utilisée pour leur assemblage.

En cas de pose au bord d'une piscine, les nez de marche Plus (aussi bien le plat de marche que la partie verticale de la pièce) doit être collé directement sur la base en ciment. Ne pas coller le nez de marche Plus sur la vasque qui contient l'eau (plastique, fibre de verre, etc.).

Zum Verlegen immer Kleber verwenden.

Zum Verlegen auf zementhaltigem Untergrund elastische Kleber der Klasse S2 gemäß EN 12004 verwenden. Wenden Sie sich beim Verlegen auf anderen Unterlagen (z.B. Holz, Spanplatten usw.) für die Wahl des geeigneten Klebers an die Händler.

Prüfen Sie, dass der Verlegeuntergrund stabil, eben und sauber ist. Die zementhaltigen Schichten (Estrich, Betonuntergrund, Nivellierschicht bzw. Gefälle, usw.) müssen abgelagert sein, d.h. die Schrumpfung muss abgeschlossen sein.

Es darf sich kein Wasser auf dem Untergrund befinden. Sollte der zu verlegende Fußboden in Kontakt mit Wasser gelangen (Außenbereiche, Wellness-Center, Duschen, Umkleieräume usw.) ist Folgendes zu beachten:

- Den Verlegeuntergrund mit einer Neigung von mindestens 1% erstellen (1 cm pro Meter);
- Geeignete Dichtstoffe auf der Oberfläche des Untergrunds anbringen;

• Die Gipsmörtel mit einem geeignetem Latex mischen, um die Durchlässigkeit der Fugen zu verringern.

KEINE LEERRÄUME unter den Plus-Stufen HINTERLASSEN; auch den vertikalen Abschnitt der Elemente mit "Doppelbeschichtung" verlegen.

Die vertikale Kante der Plus-Stufen muss einige mm Abstand (mind. 3-4 mm) zum Verlegeuntergrund aufweisen; dabei ist der Leerraum mit Kleber zu füllen, siehe Abbildungen.

Die Plus-Stufen betreten und die Fugen erst verschließen, nachdem der Kleber entsprechend der Herstellerangaben gehärtet ist.

Immer mit der Fuge verlegen, wobei deren Größe, wie vom Projektplaner berechnet wird, angemessen sein muss. Kalkulieren Sie bei der Fußbodenverlegung die umlaufenden Fugen, welche mit vertikalen Konstruktionselementen (Mauern, Säulen, usw.) in Kontakt stehen, sowie die Dehnungsfugen mit ein.

Vermeiden Sie starre Systeme:

- Bei der Verkleidung des vertikalen Abschnitts der Stufen ("Setzstufe") das Material in einem angemessenen Abstand zu den Plus-Stufen verlegen, siehe Abbildungen.
- Bei Terrassen oder Balkons sicherstellen, dass die evtl. vorhandenen Dachrinnen ein unabhängiges System darstellen, d.h. einen angemessenen Abstand zu den Plus-Stufen aufweisen.

Verwenden Sie zur Reinigung der Plus-Stufen keine aggressiven chemischen Produkte, da diese den Epoxydharz, mit dem sie verklebt sind, beschädigen könnten. Bei der Verlegung am Poolrand ist Plus-Stufen (sowohl die Trittfläche als auch der senkrechte Teil) direkt und ausschließlich auf Zementuntergrund zu verkleben. Verkleben Sie Plus-Stufen nicht oberhalb des Wasserbeckens (Kunststoff, GFK etc.).

Informazioni per la pulizia e la manutenzione.

Prima di pulire una superficie piastrellata è bene:

1. Verificare sul catalogo generale la **resistenza agli agenti chimici** delle piastrelle posate;
 2. Effettuare un test preliminare direttamente sulle piastrelle posate, ponendo il detergente da utilizzare a contatto con le piastrelle per tempi uguali a quelli che si useranno poi sul cantiere;
 3. Assicurarsi che i detersivi da usare **non contengano** acido fluoridrico e/o suoi derivati, poiché tali sostanze, per loro peculiarità, aggrediscono tutti i prodotti ceramici.
- Si riportano di seguito alcune indicazioni per le pulizie di fine cantiere ("dopo posa"), quotidiane, straordinarie, per la rimozione di cere e patine lucidanti e per eventuali manutenzioni straordinarie.

PULIZIA "DOPO POSA"

1. La pulizia "dopo posa" serve per rimuovere i residui di stucchi per le fughe, cemento, calce, boiaccia. È obbligatoria a fine cantiere, sia per le piastrelle smaltate che per quelle non smaltate.
2. Una pulizia "dopo posa" male effettuata, o addirittura non fatta, è spesso causa di aloni che impediscono di mantenere pulito il pavimento nonostante una buona pulizia quotidiana.
3. Quando possibile, specialmente per superfici medio-grandi, si consiglia l'uso di monospazzola con dischi morbidi (bianchi oppure beige).
4. **Pulizia stucchi cementizi miscelati con acqua**
Si effettua con specifici detersivi a base di acidi tamponati e diluiti. Alcuni di questi, facilmente reperibili in commercio, sono riportati nella seguente tabella.

RESIDUO DA RIMUOVERE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
stucchi cementizi boiaccia cemento calce	a base di acidi tamponati	keranet	mapei
		cement remover	faberchimica
		deterdek	fila
		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
		bonadecon / bdecon (*)	bonasystems italia

Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti. (*) Specifico per prodotti non resistenti agli acidi.

INDICAZIONI PER LA PULIZIA "DOPO POSA":

1. Effettuare la pulizia dopo 4-5 giorni dalla stuccatura (lo stucco deve indurire) e non oltre 10 giorni. Oltre questi tempi la pulizia può diventare molto più laboriosa.
2. **Bagnare con acqua il pavimento** prima delle operazioni di pulizia. In questo modo le stuccature vengono impregnate dall'acqua e viene ridotto il contatto con i detersivi.
3. **Lasciare agire i detersivi per tempi limitati**, risciacquando bene con acqua appena possibile.
4. Non deve essere eseguita se le superfici piastrellate sono **molto calde** (es. esposte al sole nei mesi più caldi), perché diviene più severa l'azione degli aggressivi chimici. In estate effettuarla nelle ore fresche della giornata.
5. Fare sempre test preventivi prima dell'uso (su una piastrella non posata), in particolare per prodotti Lappati o Levigati.
5. **Pulizia stucchi epossidici, bi-componenti e reattivi**
In questi casi la rimozione dei residui degli stucchi deve essere fatta immediatamente ed in modo molto accurato seguendo le indicazioni dei fabbricanti, perché questi stucchi induriscono molto rapidamente, anche in pochi minuti. Seguire attentamente le modalità di pulizia indicate dal fabbricante dello stucco utilizzato e verificarne l'efficacia (anche con un controllo) con una prova preliminare di pulizia prima di stuccare l'intero pavimento/parete.
6. **piastrelle antiscivolo**
Le piastrelle "antislip", realizzate con superfici ruvide e/o strutturate, si puliscono ovviamente in modo più laborioso. Si consiglia perciò di effettuare la pulizia "dopo posa" in modo rapido ed accurato, utilizzando quando possibile monospazzola con dischi bianchi e beige.

PULIZIA STRAORDINARIA

Viene effettuata per rimuovere macchie o residui particolarmente vecchi o resistenti. Prima dell'uso fare sempre test preventivi (su una piastrella non posata), in particolare su **Lappati e Levigati**. Nella tabella sotto sono indicati detersivi efficaci a seconda del tipo di macchia.

RESIDUO DA RIMUOVERE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
grassi polvere da calpestio pulizie di fondo	polifunzionali, a base alcalina(1)	ps87	fila
		intensivreiniger	lithofin
		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
caffè coca-cola succhi di frutta	polifunzionali, a base alcalina(1)	deterflash	geal
		coloured stain remover	faberchimica
		ps87	fila
		super deterjet	geal
vino	ossidante	candeggina	vari produttori
		oxidant candeggina	faberchimica vari produttori
depositi calcarei	a base acida (1)	viakal	procter & gamble
ruggine	a base acida (1)	acido muriatico diluito	vari produttori
inchiostri pennarello	a base solvente	diluyente nitro, acqua ragia	vari produttori
		coloured stain remover	faberchimica
pneumatici, segni di gomma di metalli di matita	pasta abrasiva (1)	vim clorex (2)	guaber
		polishing cream (2)	faberchimica
		strong remover (3)	faberchimica
		detergum (3)	zep italia
sporco delle fughe	specifico	fuganet	fila
		fugenreiniger	lithofin

(1) Fare test preventivo su materiali Lappati e Levigati (2) Indicato per materiali Lappati e Levigati (3) Non usare su prodotti Lappati, usare con molta attenzione sui Levigati
Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti.

PULIZIA QUOTIDIANA / ORDINARIA

Utilizzare acqua calda e un panno in microfibra di buona qualità, tipo MAGICCLEAN di **Bonasystems Italia**. Ogni tanto, ad es. ogni 10-20 giorni a seconda dello stato della pavimentazione, utilizzare detergenti neutri molto diluiti in acqua calda, che non contengono cere o non depositano patine lucide. A fine lavaggio risciacquare sempre con acqua, utilizzando un secondo panno in microfibra di buona qualità.

TIPO DI OPERAZIONE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
pulizie quotidiane	neutro	floor cleaner	faberchimica
		fila cleaner	fila
		pflegereiniger	lithofin
		hmk p15	hmk
		bonamain + / bmain +	bonasystems italia
		bonatania clean / bitania clean	bonasystems italia
		belgres	geal

Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti.

PULIZIA DECORI

- Utilizzare detergenti NEUTRI e diluiti.

NON UTILIZZARE ASSOLUTAMENTE: Ceranti e/o impregnanti - Detergenti acidi o alcalini - Paste abrasive - Spazzole o spugne abrasive.

RIMOZIONE DI PATINE LUCIDE

Nei normali detergenti in commercio sono a volte contenute cere o additivi lucidanti che, lavaggio dopo lavaggio, depositano sul pavimento

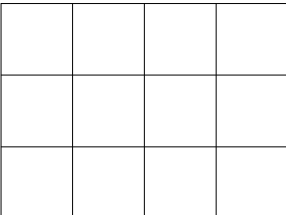
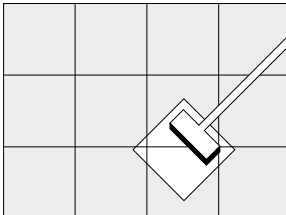
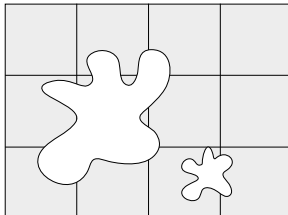
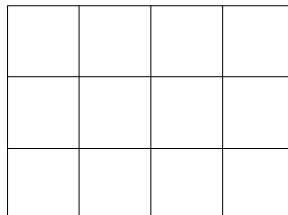
patine lucide, causa di noiose alonature. Patine di questo tipo possono essere depositate anche da alcuni stucchi per le fughe.

Semplici alimenti come Coca Cola, vino, acqua, etc., cadendo sul pavimento tolgono questa patina lucida e ripristinano l'**aspetto originale** più opaco delle piastrelle. In mezzo al pavimento più lucido, le zone senza cera appaiono come aloni opachi, in realtà sono le uniche parti pulite del pavimento. In questi casi bisogna:

1. Prima di tutto togliere la patina lucida da tutto il pavimento (vedi tabella seguente);
2. Poi, per le pulizie quotidiane, utilizzare detergenti neutri che non contengano né cere né patine lucidanti (vedi paragrafo precedente "pulizie quotidiane/ordinarie").

RESIDUO DA RIMUOVERE	TIPO DI DETERGENTE	NOME DETERGENTI	PRODUTTORE
patine lucide	debolmente acidulo	tile cleaner puro (*)	faberchimica

(*) Non seguire le indicazioni sulla confezione, ma applicare il detergente puro, lasciare agire per 5-10 minuti, frizionare con tamponi morbidi (bianco, giallo) e sciacquare bene con acqua. Non utilizzare cere su gres porcellanato LEA CERAMICHE.

1		2		3		4	
	Pavimento originale.		Dopo pulizia con detergenti contenenti cere.		Semplici alimenti (Coca-Cola, vino, acqua...) possono togliere la patina lucida. La superficie originale è più opaca.		Rimuovere la patina con detergente (pulitore per piastrelle Faber) e utilizzare detergente senza cere per la pulizia quotidiana.

MANUTENZIONI STRAORDINARIE

Protettivi per fughe

NOME PRODOTTO	PRODUTTORE
fugaproof	fila
kf fugenschutz	lithofin

Salvo diversa indicazione di LEA CERAMICHE, seguire attentamente le modalità d'uso indicate sulle confezioni dai fabbricanti.

Trattamenti antislip

La resistenza allo scivolamento dei pavimenti posati (sia piastrelle smaltate che non smaltate) può essere aumentata utilizzando specifici prodotti (vedi tabella).

Prima di applicare il prodotto sul pavimento fare test preventivi su piastrelle non posate per trovare i tempi di contatto più idonei. Se da un lato tempi più lunghi aumentano il grado di grip, dall'altro tendono un po' a sbiancare i colori delle piastrelle e a renderle un pochino più sporcabili.

TIPO DI OPERAZIONE	NOME PRODOTTO	PRODUTTORE
trattamento antislip	bonagrip	bonasystems italia

attenzione:

1. Non usare questi trattamenti su superfici Lappate né Levigate; 2. Prima del trattamento contattare Servizio Clienti Lea; 3. Si consiglia di realizzare il trattamento tramite ditte specializzate.

I prodotti **LEVIGATI** possono raggiungere il grado **R9** (test DIN51130) con appositi trattamenti al laser, eseguibili solo sul materiale non posato: per questo la richiesta di R9 su Levigati deve essere specificata al momento dell'ordine all'ufficio commerciale.

Tali trattamenti al laser possono essere seguiti anche su superfici **LAPPATE** (dopo verifica Servizio Clienti LEA CERAMICHE).

Riferimenti utili pag. 378

Il manuale tecnico "pulizia e manutenzione" è disponibile sul sito internet leaceramiche.com

Cleaning and maintenance information.

Make sure to do the following before cleaning any tiled surface:

1. Check the **resistance to chemical agents** of the laid tiles on the general catalogue;
 2. Make a preliminary test directly on the laid tiles by putting a detergent, to be used in contact with the tiles for a period that is equal to the period that will be used later on the site;
 3. Make sure that the detergents that are going to be used, **do not contain** hydrofluoric acid and/or any of its derivatives; these substances are distinctively known for damaging **all** ceramic products.
- Some indications for cleaning after the installation (after laying the tiles), on a daily basis, extra cleaning and to remove waxes and polish glazes or for any extra maintenance that may be required, are listed here below.

CLEANING "AFTER THE INSTALLATION"

1. Cleaning "after the installation" helps remove residues of grout-joints, cement and lime. This is obligatory at the end of the installation, for glazed tiles and unglazed tiles.
2. If the cleaning "after the installation" is not carried out properly or if is not carried out at all, is often a cause of marks that prevent the floor from being clean even if a good daily cleaning is performed.
3. Whenever is possible, especially for medium to large surfaces, it is advisable to use a single-brush machine with soft disks (white or beige).
4. cleaning cement-based grouts mixed with water.

It is carried out with specific detergents based with buffered and diluted acids. The table below shows some of these detergents, which are easily available in the market.

FOR REMOVING THE FOLLOWING RESIDUES	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
cement-based grouts grout cement lime	buffered acid based	keranet	mapei
		cement remover	faberchimica
		deterdek	fila
		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
		bonadecon / bdecon (*)	bonasystems italia

Unless otherwise indicated by LEA CERAMICHE, follow the instructions indicated on the manufacturer's package very carefully. (*) Specific for products that are non-resistant to acids

INSTRUCTIONS ON HOW TO CLEAN "AFTER THE INSTALLATION":

1. Clean 4-5 days after the grouting (the grout must be hardened); do not wait over 10 days. In addition to this period, the cleaning can become very laborious.
 2. Moisten the floor with water before cleaning. This way the groutings are soaked with water and the contact with detergents is reduced.
 3. Let the detergents operate for limited periods, hence rinse out with water as soon as possible.
 4. It must not be carried out if the tiled surfaces are very hot (i.e. exposed to the sun during very warm days); this must be avoided as the action of aggressive chemicals become very harsh. On the summer, proceed with the operation during the coolest period of the day.
 5. Make sure to always perform a precautionary test before using the product (on a tile that is not laid), especially for Lapped or Polished products.
 5. cleaning for epoxy, bi-component and reagent grouts
- In these cases the removal must be carried out immediately and carefully following the recommendations of the manufacturers, as these grouts harden very fastly, even in a few minutes. Please carefully follow the cleaning mode specified by the manufacturer of the grout used; verify its effectiveness (backlight also) with a preliminary cleaning test before grouting the entire floor/wall.
6. antislip tiles
- "Antislip" tiles that are made with rough and/or textured surfaces must be cleaned very laboriously. Therefore, it is advisable to clean "after the installation", quickly and thoroughly, using a single-brush machine with disks white and beige.

EXTRAORDINARY CLEANING

This procedure is carried out to remove stains or residues that are particularly old or tough. Make sure to always perform a precautionary test before using the product (on a tile that is not laid), especially for **Lapped** or **Polished** products.

The table shown below indicates the detergents that are effective according to the type of stains.

FOR REMOVING THE FOLLOWING RESIDUES	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
grease dust footmarks base cleaning	multipurpose, alkaline-based (1)	ps87	fila
		intensivreiniger	lithofin
		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
		deterflash	geal
coffee coke fruit juice	multipurpose, alkaline-based (1)	coloured stain remover	faberchimica
		ps87	fila
		super deterjet	geal
		candeggina	vari produttori
wine	oxidizing agent	oxidant candeggina	faberchimica vari produttori
calcareous deposits	acid-based (1)	viakal	procter & gamble
rust	acid-based (1)	acido muriatico diluito	vari produttori
inks felt-tipped pen	solvent-based	diluyente nitro, acqua ragia	vari produttori
		coloured stain remover	faberchimica
pneumatic stains from rubber metals or pencils	abrasive paste (1)	vim clorex (2)	guaber
		polishing cream (2)	faberchimica
		strong remover (3)	faberchimica
		detergum (3)	zep italia
tile joint stains	specific	fuganet	fila
		fugenreiniger	lithofin

(1) Make precautionary test on Lapped or Polished materials. (2) Suitable for Lapped or Polished materials. (3) Do not use it on Lapped; use it with the utmost caution on Polished products. Unless otherwise indicated by LEA CERAMICHE, follow the usage instructions indicated on the manufacturer's package very carefully.

DAILY / STANDARD CLEANING

Use warm water and a good quality microfibre cloth, such as **MAGICCLEAN** by **Bonasystems Italy**. Every now and again, e.g. every 10-20 days depending on the state of the flooring, use neutral detergents diluted with hot water, that are wax-free, and do not deposit glossy stains. When the cleaning process is finished always rinse with water, using a second good quality microfibre cloth.

TYPE OF OPERATION	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
clean on a daily basis	neutral	floor cleaner	faberchimica
		fila cleaner	fila
		pfleregereiniger	lithofin
		hmk p15	hmk
		bonamain + / bmain +	bonasystems italia
		bonatitania clean / bitania clean	bonasystems italia
		belgres	geal

Unless otherwise indicated by LEA CERAMICHE, follow the instructions indicated on the manufacturer's package very carefully.

CLEANING DECORATIONS

- Use NEUTRAL, diluted detergents

NEVER USE: Waxing and impregnating agents - Acid or alkaline detergents - Abrasive pastes - Abrasive brushes or sponges.

REMOVING GLOSSY GLAZE

Standard detergents that are available in the market sometimes contain waxes or polish additives that, wash after wash, deposit **glossy glaze** on the floor and causes annoying marks. These types of glazes can also settle on some joint grouts.

When simply types of foods such as Coke, wine, water, etc., fall on the floor, they remove this type of glossy glaze and restore the **original appearance** of the tiles (a more opaque look).

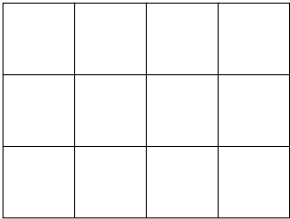
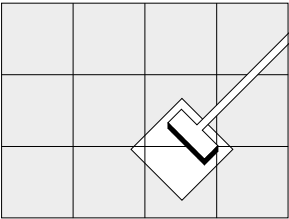
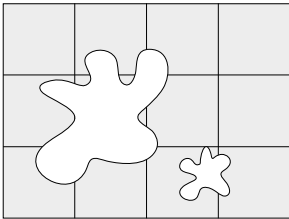
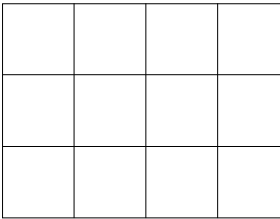
In the middle of the shinier floor, the areas without wax appear as opaque marks, but they are actually the only clean parts of the floor. In these cases, the following must be done:

1. First of all, remove the glossy glaze from the entire floor (see table below);
2. Then, for daily cleaning, use neutral detergents that do not contain wax or polishing glaze (see the previous paragraph: "daily/standard cleaning").

RESIDUES TO BE REMOVED	TYPE OF DETERGENT	DETERGENT'S NAME	MANUFACTURER
glossy glaze	weak acidulous	tile cleaner pure (*)	faberchimica

(*) Do not follow the instructions on the package, just apply the pure detergent, leave it on for 5-10 minutes, rub it with soft pads (white, yellow) and rinse it thoroughly with water.

Do not use wax on LEA CERAMICHE porcelain stoneware.

1		2		3		4	
	Original floor.		After cleaning detergents containing waxes.		Simple foodstuffs (Coca-Cola, wine, water etc) can remove the bright patina. The original surface is more matt.		Remove the patina with detergent (Faber tile cleaner, used neat), and use detergent without waxes for everyday cleaning.

SPECIAL MAINTENANCE

Stain-resistant products for joints

PRODUCT NAME	MANUFACTURER
fugaproof	fila
kf fugenschutz	lithofin

Unless otherwise indicated by LEA CERAMICHE, follow the instructions indicated on the manufacturer's package very carefully.

Antislip treatments

The slip resistance of floors laid with glazed tiles or non-glazed tiles can be increased by using specific products (see table).

Before applying the product make a precautionary test on a tile that is not laid in order to find the most suitable contact time. If, on the one hand, the longest period increases the gripping grade, on the other, it will tend to whiten the colours of the tiles a little and make it a little easier to stain.

TYPE OF OPERATION	PRODUCT NAME	MANUFACTURER
antislip treatment	bonagrip	bonasystems italia

caution:

1. Do not use these treatments on Lapped or Polished surfaces; 2. Before the doing the treatment contact Leas Customer Service; 3. It is advisable to carry out the treatments through specialized companies.

POLISHED products can reach a grade of **R9** (test DIN51130) with special laser treatments that may be carried out only on materials that have not been laid: for this reason the request for R9 on Polished products must be specified at the time of the order in the sales department. Such laser treatments can be also be carried out on **LAPPED** surfaces (after making a verification with LEA CERAMICHE Customer Service).

Useful contacts pag. 378

The manual "cleaning and maintenance" is available on the website leaceramiche.com

Informations sur le nettoyage et l'entretien.

Avant de nettoyer une surface carrelée, il est préférable de:

1. Vérifier la **résistance chimique** des carreaux posés sur le catalogue général;
2. Faire un test avant emploi en versant le nettoyant directement sur les carreaux installés et en le laissant agir aussi longtemps que la durée prévue sur le chantier;
3. S'assurer que les nettoyants **ne contiennent** ni acide fluorhydrique ni aucun de ses dérivés, car ces substances particulières entament tous les produits céramiques.

Veillez trouver ci-après quelques instructions pour bien effectuer les nettoyages de fin de chantier (« après pose »), quotidiens, extraordinaires, pour éliminer les cires et les additifs de cirage et pour réaliser toute opération d'entretien extraordinaire.

NETTOYAGE « APRÈS POSE »

1. Le nettoyage « après pose » sert à enlever les résidus de mortier, de ciment, de chaux et de ciment-joint. Il est obligatoire à la fin du chantier, aussi bien pour les carreaux émaillés que pour les carreaux non émaillés.
2. Un mauvais nettoyage « après pose », voire même l'absence de nettoyage, entraîne souvent la formation d'auréoles qui compromettent la propreté du revêtement de sol, même après un bon nettoyage quotidien.
3. Chaque fois que possible, notamment pour les surfaces moyennes/grandes, il est recommandé d'avoir recours à une monobrosse munie des disques souples (blancs ou beige).
4. Nettoyage ciments-joints mélangés avec de l'eau
Nettoyage avec des nettoyants spéciaux à base d'acides tamponnés et dilués. Veuillez trouver dans le tableau ci-après quelques noms de produits facilement trouvables dans le commerce.

RÉSIDU À ENLEVER	TYPE DE NETTOYANT	NOM DES NETTOYANTS	FABRICANT
ciments-joints	à base d'acides tamponnés	keranet	mapei
ciment		cement remover	faberchimica
chaux		deterdek	fila
		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
		bonadecon / bdecon (*)	bonasystems italia

Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage. (*) Spécifique pour produits qui ne sont pas résistants aux acides

INSTRUCTIONS DE NETTOYAGE «APRÈS POSE»:

1. Nettoyer 4-5 jours après l'exécution des joints (le mortier doit durcir) et avant 10 jours maximum. Après ce délai, le nettoyage peut demander beaucoup plus d'efforts.
2. Mouiller le revêtement de sol avant les opérations de nettoyage. Ainsi l'eau imprègne les joints et atténue le contact avec les nettoyants.
3. Laisser agir les nettoyants peu de temps et bien rincer à l'eau dès que possible.
4. Ne pas faire le nettoyage si les surfaces carrelées sont très chaudes (par ex. exposées au soleil pendant les mois les plus chauds), car la chaleur renforce l'action agressive des produits chimiques. En été, il doit se faire aux heures fraîches de la journée.
5. Faire toujours des tests avant emploi (sur un carreau non posé), notamment sur les produits Rodés ou Polis.
5. Nettoyage des joints epoxy, bi-composant et réactif
Nettoyer immédiatement les résidus de manière soignée en se conformant aux indications fournies par le fabricant car ce type de coulis durcit rapidement, même en quelques minutes. Suivez attentivement les indications de nettoyage indiqué par le fabricant de joint utilisé et vérifiez son efficacité (même rétroéclairage) avec un nettoyage préventif avant de jointoyer la totalité du sol / mur.
6. Carreaux antidérapants
Les carreaux « antislip » à base de structures rugueuses et/ou structurées se nettoient évidemment moins facilement. Il est dès lors recommandé d'effectuer le nettoyage « après pose » de façon rapide et minutieuse et d'utiliser, si possible, une monobrosse à disques blancs ou beige.

NETTOYAGE EXTRAORDINAIRE

Il sert à éliminer les taches ou les résidus particulièrement anciens ou tenaces. Faire toujours des tests avant emploi (sur un carreau non posé), notamment sur les produits **Rodés** et **Polis**. Veuillez trouver dans le tableau ci-après des nettoyants efficaces selon le type de tache.

RÉSIDU À ENLEVER	TYPE DE NETTOYANT	NOM DES NETTOYANTS	FABRICANT
graisses dépôts de poussières laissées par le piétinement grands nettoyages	alcalins universels (1)	ps87	fila
		intensivreiniger	lithofin
		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
café Coca-Cola jus de fruits	alcalins universels (1)	deterflash	geal
		coloured stain remover	faberchimica
		ps87	fila
vin	oxydant	super deterjet	geal
		candeggina	vari produttori
dépôts calcaires	acide (1)	oxidant candeggina	faberchimica vari produttori
		viakal	procter & gamble
rouille	acide (1)	acido muriatico diluito	vari produttori
encres feutre	à base de solvant	diluyente nitro, acqua ragia	vari produttori
		coloured stain remover	faberchimica
pneus traces de caoutchouc de métaux de crayon	pâte abrasive (1)	vim clorex (2)	guaber
		polishing cream (2)	faberchimica
		strong remover (3)	faberchimica
		detergum (3)	zep italia
saleté des joints	spécifique	fuganet	fila
		fugenreiniger	lithofin

(1) Faire des tests avant emploi sur les produits Rodés et Polis. (2) Recommandé pour les produits Rodés et Polis. (3) Ne pas utiliser sur les produits Rodés, utiliser sur les produits polis en faisant très attention. Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage.

NETTOYAGE QUOTIDIEN / ORDINAIRE

Utiliser de l'eau chaude et un chiffon en microfibre de bonne qualité, type MAGICCLEAN de **Bonasystems Italia**. De temps en temps, tous les 10-20 jours par ex., et selon l'état du sol, utiliser des détergents neutres très dilués dans de l'eau chaude qui ne contiennent pas de cires et ne laissent pas de tâches brillantes. En fin de lavage, rincer toujours à l'eau et à l'aide d'un chiffon en microfibre de bonne qualité.

TYPE D'OPERATION	TYPE DE NETTOYAGE	NOM DES NETTOYANTS	FABRICANT
nettoyages quotidiens	neutre	floor cleaner	faberchimica
		fila cleaner	fila
		pflegereiniger	lithofin
		hmk p15	hmk
		bonamain + / bmain +	bonasystems italia
		bonatitania clean / bitania clean	bonasystems italia
		belgres	geal

Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage.

NETTOYAGE DÉCORS

- utiliser des détergents NEUTRES et dilués. **NE SURTOUT PAS UTILISER:** Agents cirants et/ou agents d'imprégnation - Des détergents acides ou alcalins - Des produits abrasifs - Des brosses ou des éponges abrasives.

ÉLIMINATION DES FILMS BRILLANTS

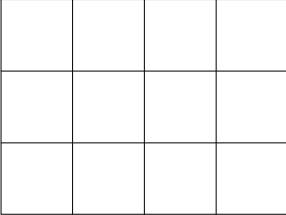
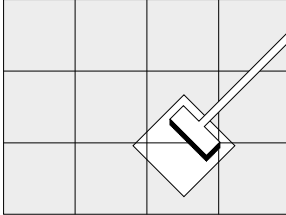
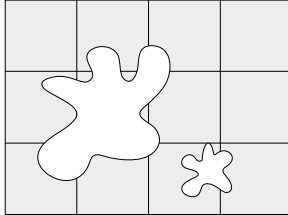
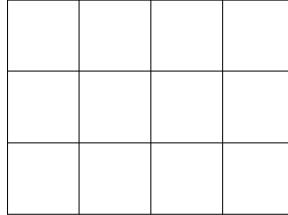
Les nettoyants ordinaires disponibles dans le commerce contiennent souvent des cires ou des additifs de cirage qui, lavage après lavage, déposent sur le revêtement de sol des **films brillants** qui entraînent la formation d'auréoles difficiles à éliminer. Des films de ce genre peuvent aussi être occasionnés par certains mortiers. Si des simples boissons, comme le Coca-Cola, le vin, l'eau, etc., sont renversées sur le sol, ce film brillant part et les carreaux reprennent leur **aspect original** plus mat. À côté des carreaux plus brillants, les zones sans cire ont l'air d'être des sortes d'auréoles mates, alors qu'en fait, ce sont les seules parties propres du revêtement de sol. Dans ce cas, il faut :

- avant toute chose, éliminer le film brillant sur l'ensemble du revêtement de sol (voir tableau ci-après) ;
- ensuite, pour les nettoyages quotidiens, utiliser des nettoyants neutres qui ne contiennent ni cire ni additif de cirage (voir paragraphe précédent « nettoyages quotidiens/ordinaires »).

RÉSIDU À ENLEVER	TYPE DE NETTOYANT	NOM DES NETTOYANTS	FABRICANT
patine lucide	debolmente acidulo	tile cleaner puro (*)	faberchimica

(*) Ne pas suivre le mode d'emploi signalé sur l'emballage, mais utiliser le nettoyant pur, laisser agir 5-10 minutes, frotter avec des disques tampons doux (blanc, jaune) et bien rincer à l'eau.

Nes pas utiliser de cires sur le grès cérame LEA CERAMICHE.

1  Sol originel.	2  Après un nettoyage avec détergents contenant de la cire.	3  Certains aliments (Coca-Cola, vin, eau, etc.) peuvent enlever la patine brillante. La surface originelle est plus opaque.	4  Retirer la patine à l'aide d'un détergent (Tile Cleaner pur de Faber) et utiliser chaque jour un détergent sans cire.
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ENTRETIENS EXTRAORDINAIRES

Protection joints

NOM DU PRODUIT	FABRICANT
fugaproof	fila
kf fugenschutz	lithofin

Sauf indication contraire de LEA CERAMICHE, suivre avec soin le mode d'emploi signalé par le fabricant sur l'emballage.

Traitements antidérapantes

La résistance au glissement des carrelages posés (aussi bien des carreaux émaillés que des carreaux non émaillés) peut être améliorée avec des produits spécifiques (voir tableau). Avant d'appliquer le produit sur le revêtement de sol, faire toujours des tests sur les carreaux non posés pour déterminer les temps de pose plus indiqués. Si d'un côté, les longs temps de pose augmentent le coefficient de frottement, de l'autre, ils ont tendance à décolorer un peu les carreaux et à les salir plus vite.

TYPE D'OPÉRATION	NOM DU PRODUIT	FABRICANT
traitement antidérapante	bonagrip	bonasystems italia

attention:

- Ne pas faire ces traitements sur les surfaces Rodées ou Polies ;
- Avant le traitement, contacter le Service Clients Lea ;
- Il est recommandé de confier le traitement à des entreprises spécialisées.

Les produits **POLIS** peuvent atteindre un niveau d'adhérence **R9** (essai DIN 51130) par le biais de traitements laser ; ceux-ci ne peuvent être effectués que sur les produits non posés. Pour les carreaux Polis, le client est donc tenu de spécifier le niveau R9 au service commercial lors de la commande. Ces traitements laser peuvent aussi être effectués sur les surfaces **RODÉES** (après vérification auprès du Service Clients LEA CERAMICHE).

Quelques noms utiles pag. 378

Le manuel technique « entretien et maintenance » est disponible sur le site internet leaceramiche.com

Informationen zur reinigung und pflege.

Vor der Reinigung einer gefliesten Fläche wird folgendes empfohlen:

1. Im Hauptkatalog die **Chemikalienbeständigkeit** der verlegten Fliesen prüfen;
 2. Einen Vortest direkt auf den verlegten Fliesen vornehmen, indem das zu verwendende Reinigungsmittel über den gleichen Zeitraum wie in der Baustelle mit den Fliesen in Kontakt gebracht wird;
 3. Sicherstellen, dass die zu verwendenden Reinigungsmittel **keine** Fluorwasserstoffsäure und/oder ihre Derivate enthalten, da diese Substanzen durch ihre Besonderheit **alle** keramischen Produkte angreifen.
- Es folgen einige Angaben zur täglichen, außergewöhnlichen Reinigung am Ende der Bauarbeiten („nach dem Verlegen“), um Wachs und glänzende Schichten zu entfernen und um eventuelle besondere Wartung auszuführen.

REINIGUNG „NACH DEM VERLEGEN“

1. Die Reinigung „nach dem Verlegen“ dient zur Entfernung der Spachtelrückstände, Zementrückstände und Kalkrückstände. Sie ist am Ende der Bauarbeiten für die glasierten und unglasierten Fliesen obligatorisch.
2. Eine schlecht ausgeführte oder eventuell gar nicht ausgeführte Reinigung „nach dem Verlegen“ ist oft die Ursache von Schatten, die trotz einer täglichen Reinigung die Ursache eines nicht sauberen Bodens sind.
3. Wenn möglich – vor allem bei mittel-großen Oberflächen – empfehlen wir die Anwendung eines Einbürstengeräts mit passenden Scheiben weich (weiß oder beige).
4. reinigung von mit wasser gemischten mörtel

Diese wird mit speziellen Reinigungsmitteln mit gepufferten und verdünnten Säuren ausgeführt. Einige dieser, die im Handel leicht erhältlich sind, sind in der folgenden Tabelle aufgeführt.

ZU ENTFERNENDER REST	REINIGUNGSMITTEL	NAME REINIGUNGSMITTEL	HERSTELLER
Mörtel	Mit gepufferten Säuren	keranet	mapei
Zementschlamm		cement remover	faberchimica
Zement		deterdek	fila
Kalk		trek	kiter
		zementschleierentferner	lithofin
		hmk r63	hmk
		solvacid	geal
		bonaclean / bclean	bonasystems italia
		bonadecon / bdecon (*)	bonasystems italia

Außer bei anders lautenden Angaben von LEA CERAMICHE, werden die Gebrauchsanweisungen der Produkthersteller befolgt. (*) Für nicht säurebeständige Produkte geeignet

ANLEITUNGEN FÜR DIE REINIGUNG „NACH DEM VERLEGEN“:

1. Die Reinigung 4-5 Tage nach der Verlegung (die Fugenmasse muss aushärten) und nicht nach 10 Tagen ausführen. Über diesen Zeitraum hinaus kann die Reinigung sehr schwierig werden.
 2. Den Boden vor der Reinigung mit Wasser benetzen. Auf diese Weise werden die Verfugungen mit Wasser benetzt und der Kontakt mit den Reinigungsmitteln reduziert.
 3. Die Reinigungsmittel über eine begrenzte Zeit einwirken lassen und sobald wie möglich mit Wasser spülen.
 4. Die Reinigung darf nicht ausgeführt werden, wenn die gefliesten Flächen sehr heiß sind (z.B. im Sommer der Sonne ausgesetzt), da die Wirkung der chemischen Substanzen aggressiver ist. Im Sommer wird sie in den kühlen Stunden des Tags ausgeführt.
 5. Vor der Anwendung immer Tests vornehmen (auf einer nicht verlegten Fliese), insbesondere bei geläppten oder polierten Produkten.
 5. Reinigung von epoxi-, bi-komponent und aktiven spachtelmassen
- In diesen Fällen müssen die Stuckrückstände sofort und sehr sorgfältig unter Beachtung der Angaben des Herstellers erfolgen, weil diese Stücke u.U. sehr schnell in wenigen Minuten härten. Die angegebene Reinigungshinweis vom Hersteller der verwendete Fugenmasse sorgfältig befolgen. Vor dem Verfugen des gesamten Belag (Boden u/o Wand), die Wirkung der Reinigungsempfehlung (auch im Gegenlicht!) mit einem Vor-Test Reinigung überprüfen.

6. Rutschfeste fliesen

Aufgrund ihrer Beschaffenheit sind die rutschfesten, rauen oder strukturierten Oberflächen etwas schwieriger zu reinigen. Aus diesem Grunde ist die Reinigung sehr wichtig. Für eine schnellere Reinigung wird der Einsatz einer Einscheibenmaschine mit einer weissen oder beige Scheibe empfohlen.

SONDERREINIGUNG

Sie wird ausgeführt, um besonders alte oder hartnäckige Flecken oder Reste zu entfernen. Vor der Anwendung immer Tests vornehmen (auf einer nicht verlegten Fliese), insbesondere bei **geläppten** und **polierten** Fliesen. In der unten aufgeführten Tabelle sind wirksame Reinigungsmittel je nach Fleckenart angegeben.

ZU ENTFERNENDER REST	ART DES REINIGUNGSMITTELS	NAME REINIGUNGSMITTEL	HERSTELLER
Fette	Polyfunktionell, mit Alkalibasis (1)	ps87	fila
Trittsaub		intensivreiniger	lithofin
Grundreinigung		hmk r55	hmk
		taski r20-strip	johnsondiversey
		bonadecon / bdecon	bonasystems italia
	deterflash	geal	
Kaffee	Polyfunktionell, mit Alkalibasis (1)	coloured stain remover	faberchimica
Coca Cola		ps87	fila
Obstsäfte		super deterjet	geal
		candeggina	vari produttori
Wein	Oxydierend	oxidant	faberchimica
		candeggina	vari produttori
Kalkrückstände	Mit Säurebasis (1)	viakal	procter & gamble
Rost	Mit Säurebasis (1)	acido muriatico diluito	vari produttori
Tinten	Mit Lösungsmittel	diluyente nitro, acqua ragia	vari produttori
Filzstift		coloured stain remover	faberchimica
Reifen	scheuermittel (1)	vim clorex (2)	guaber
Gummiflecken		polishing cream (2)	faberchimica
Metal		strong remover (3)	faberchimica
Bleistift		detergum (3)	zep italia
Fugenschmutz	Spezifisch	fuganet	fila
		fugenreiniger	lithofin

(1) Vortesten auf geläppten und polierten Materialien. (2) Für geläppte und polierte Materialien. (3) Nicht auf geläppten Produkten verwenden, sehr vorsichtig auf polierten Materialien verwenden.

Außer bei anders lautenden Angaben von LEA CERAMICHE, die von den Herstellern angegebenen Gebrauchsanweisungen befolgen.

TÄGLICHE / REGELMÄSSIGE REINIGUNG

Warmes Wasser und ein hochwertiges Mikrofasertuch vom Typ MAGICCLEAN von **Bonasystems Italia** verwenden. Ab und zu, zum Beispiel alle 10-20 Tage, je nach Zustand des Fußbodenbelags, neutrale in warmen Wasser verdünnte Reinigungsmittel verwenden, die wachsfrei sind und keine glänzenden Schmierfilme hinterlassen. Nach dem Reinigen immer mit Wasser nachspülen und dafür ein zweites hochwertiges Mikrofasertuch verwenden.

VORGANGSART	ART DES REINIGUNGSMITTELS	NAME REINIGUNGSMITTEL	HERSTELLER
Tägliche Reinigung	Neutral	floor cleaner	faberchimica
		fila cleaner	fila
		pflegereiniger	lithofin
		hmk p15	hmk
		bonamain + / bmain +	bonasystems italia
		bonatitania clean / bitania clean	bonasystems italia
		belgres	geal

Außer bei anders lautender Angabe durch LEA CERAMICHE, die Gebrauchsanleitungen der Hersteller befolgen.

REINIGUNG DES FLIESENDEKORS

- Verwenden Sie ausschließlich NEUTRALE und verdünnte Reinigungsmittel. **VERWENDEN SIE AUF KEINEN FALL:** Wachs- und/oder Imprägniermittel - Ätzende oder alkalische Reinigungsmittel - Scheuerpasten- und Pulver - Grobe Bürsten oder abrasive Schwämme.

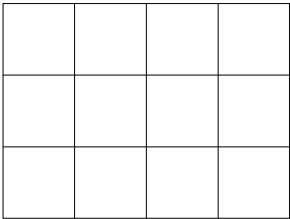
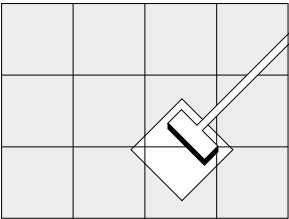
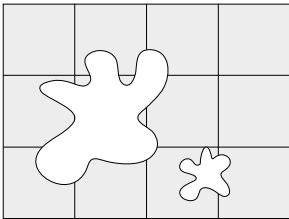
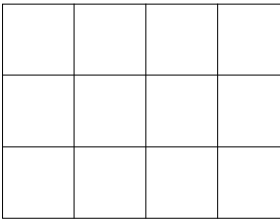
ENTFERNEN VON GLÄNZENDEN SCHICHTEN

In den normalen handelsüblichen Reinigungsmitteln sind manchmal Wachse oder glänzende Zusätze enthalten, die nach jeder Reinigung **glänzende** Schichten auf dem Boden hinterlassen, die hartnäckige Streifen verursachen. Schichten dieser Art können auch von einiger Fugenmassen hinterlassen werden. Einfache Lebensmittel wie Coca Cola, Wein, Wasser usw. entfernen durch Fallen auf den Boden diese glänzende Schicht und bringen den matten **Originalzustand** der Fliesen wieder zum Erscheinen. Auf dem glänzenden Teil des Bodens erscheinen die Bereiche ohne Wachs als matte Schatten, eigentlich handelt es sich um die einzigen sauberen Bereiche des Bodens. In diesen Fällen muss man:

1. Zuerst die glänzende Schicht vom ganzen Boden entfernen (siehe folgende Tabelle);
2. Dann zur täglichen Reinigung neutrale Reinigungsmittel verwenden, die keine Wachse oder glänzende Zusätze enthalten (siehe vorheriger Abschnitt „tägliche/regelmäßige Reinigung“).

ZU ENTFERNENDER REST	ART DES REINIGUNGSMITTELS	NAME REINIGUNGSMITTEL	HERSTELLER
Glänzende Schichten	Leicht sauer	tile cleaner pur (*)	faberchimica

(*) Die Angaben auf der Verpackung nicht befolgen, sondern das Reinigungsmittel pur anwenden, 5-10 Minuten einwirken lassen, mit weichen Kissen abreiben (weiß, gelb) und gut mit Wasser abspülen. **Keine Wachse** auf Feinsteinzeug von LEA CERAMICHE verwenden.

1		2		3		4	
	Originalfußboden.		Nach der Reinigung mit wachshaltigen Reinigungsmitteln.		Normale Lebensmittel (Coca-Cola, Wein, Wasser usw...) können die glänzende Patina entfernen. Die Originaloberfläche ist matter.		Die Patina sollte mit Reinigungsmittel entfernt werden (Tile cleaner pur von Faber) und für die tägliche Reinigung sollte ein wachsfreies Reinigungsmittel verwendet werden.

BESONDERE WARTUNG

fugenschutzmittel

PRODUKTNAME	HERSTELLER
fugaproof	fila
kf fugenschutz	lithofin

Außer bei anders lautender Angabe der LEA CERAMICHE die Gebrauchsanleitungen der Hersteller befolgen.

rutschfeste behandlung

Die Rutschfestigkeit der verlegten Böden (glasierte sowie unglasierte Fliesen) kann durch Anwendung spezifischer Produkte erhöht werden (siehe Tabelle). Bevor das Produkt auf dem Boden aufgetragen wird, werden Vortests auf nicht verlegten Fliesen vorgenommen, um die geeignete Kontaktzeit zu finden. Wenn längere Zeiten auf der einen Seite die Rutschfestigkeit erhöhen, neigen sie auf der anderen Seite dazu, die Farben der Fliesen zu bleichen und sie etwas schmutzempfindlicher zu machen.

VORGANG	PRODUKTNAME	HERSTELLER
rutschfestigkeits-Behandlung	bonagrip	bonasystems italia

Achtung:

1. Diese Behandlungen nicht auf geläpften oder polierten Oberflächen verwenden; 2. Vor der Behandlung den Kundenservice Lea fragen; 3. Wir empfehlen, die Behandlung durch spezialisierte Firmen auszuführen

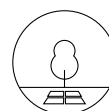
Die **POLIERTEN** Produkte können den Grad **R9** (Test DIN51130) mit geeigneten Laserbehandlungen erreichen, die nur bei nicht verlegtem Material ausgeführt werden können: Somit muss die Anforderung des Grads R9 für polierte Produkte im Auftrag an die Verkaufsabteilung angegeben werden. Diese Laserbehandlungen können auch auf **GELÄPFTEN** Oberflächen ausgeführt werden (nach der Prüfung des Kundenservice von LEA CERAMICHE).

Nützliche adressen pag. 378

Das technische Handbuch "Reinigung und Verbrauch" finden Sie jetzt auf unsere Web Site leaceramiche.com

Destinazioni d'uso.

Intended uses / Utilisations prévues / Einsatzbereiche



LEGENDA LEGEND LÉGENDE LEGENDE	Residenziale Residential Résidentiel Wohngebiet	Commerciale leggero Light commercial Commercial léger Leichte gewerbliche Anwendungen	Commerciale intensivo Intensive commercial Commercial intensif Intensive gewerbliche Anwendungen	Esterni Outdoor Extérieurs Außenbereiche	
Stone.					
Nextone. Slimtech	nat	nat	nat		⊕S
Nextone.	nat / lapp	nat / lapp	nat / lapp	grip	⊕S
Waterfall. Slimtech	nat	nat	nat	-	⊕S
Waterfall.	nat / lapp	nat / lapp	nat / lapp	grip	⊕S
Cliffstone.	nat / lapp	nat / lapp	nat / lapp	grip	⊕S
Basaltina Stone Project. Slimtech	nat	nat	-	-	⊕S
Basaltina Stone Project.	nat	nat	nat	-	⊕S
Marble.					
Delight. Slimtech	nat / lev / touch	nat / lev / touch	nat	-	⊕S
Delight.	nat / lux	nat / lux	nat	-	⊕S
Timeless Marble. Slimtech	lev / sat	lev / sat	-	-	⊕S
Dreaming.	lux / velvet	lux / velvet	-	-	⊕S
Cement & Resin.					
Concreto. Slimtech	nat	nat	nat	-	⊕S
Concreto and Zoom.	nat / lapp	nat / lapp	nat / lapp	grip	⊕S
Take Care. Slimtech	take / care	take / care	take / care	-	⊕S
Trame.	plaster / matter / canvas	plaster / matter / canvas	plaster / matter / canvas	-	⊕S
District.	nat	nat	nat	-	⊕S
Re-evolution. Slimtech	nat	nat	-	-	⊕S
Metropolis.	nat	nat	nat	-	⊕S
Stoneclay.	nat	nat	nat	-	⊕S

Residenziale: cucine, bagni, living e ogni altro ambiente di uso residenziale.

Commerciale leggero: uffici, uffici aperti al pubblico, sale d'attesa, negozi, bagni pubblici, aree comuni condominiali, sale di ristoranti, autosaloni, bar, cinema, ambulatori/cliniche, camere e bagni di hotel. In aree caratterizzate da passaggi obbligati non è consigliato l'utilizzo di prodotti con finitura LUX/LEV/TOUCH.

Commerciale intensivo: aree comuni di centri commerciali, hall di hotel, mense, fast food, discoteche, ospedali, scuole, musei, luoghi di culto, aeroporti, stazioni.

Esterni: prevalentemente per ambienti esterni nei quali è richiesta una pavimentazione con prestazioni antiscivolo.

NOTE

La finitura LUX/LEV/TOUCH è consigliata, oltre che per rivestimenti, anche per pavimenti in ambienti residenziali o commerciale leggero non sottoposti ad elevate sollecitazioni, ove non siano richieste prestazioni antiscivolo.

La presenza sporadica di piccole disuniformità o di puntini sulla superficie è da ritenersi come caratteristica del materiale e della particolare lavorazione. Qualora il prodotto sia posto a diretto contatto con l'esterno, si consiglia di utilizzare soluzioni protettive al fine di prevenire la formazione di graffi. In aree caratterizzate dal passaggio di carichi pesanti concentrati non è consigliato l'utilizzo di prodotti a spessore ridotto.

Residential: kitchens, bathrooms, living rooms and other residential environments.

Light commercial: offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms. In areas subjected to forced traffic, it is not advisable to use products with the LUX/LEV/TOUCH finishes.

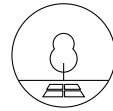
Intensive commercial: common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

Outdoor: mainly for external areas that require flooring with anti-slip characteristics.

NOTE






The LUX/LEV/TOUCH finishes are recommended, as well as for wall cladding, also for flooring in residential or light commercial areas that are not subjected to heavy traffic, where anti-slip characteristics are not required.

The occasional presence of small inconsistencies or little spots on the surface is to be considered a characteristic of the material and of its unique production process. If the product is laid in direct contact with external environments, it is recommended to use protective solutions to reduce the formation of scratches.






LEGENDA LEGEND LÉGENDE LEGENDE	Residenziale Residential Résidentiel Wohngebiet	Commerciale leggero Light commercial Commercial léger Leichte gewerbliche Anwendungen	Commerciale intenso Intensive commercial Commercial intensif Intensive gewerbliche Anwendungen	Esterni Outdoor Extérieurs Außenbereiche
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Wood.

Bio Select.	nat	nat	nat	grip	 
Bio Recover.	nat	nat	nat	-	
Wood-stock. Slimtech	nat	nat	nat	-	
Type 32. Slimtech	nat	-	-	-	

Shape & Color.

Absolute. Slimtech	lev / sat	lev (Total White) / sat	-	-	
Gouache.10. Slimtech	nat	nat	-	-	
Naive. Slimtech	nat	nat	-	-	

Résidentiel: cuisines, salles de bains, salons et tout autre espace à usage résidentiel.

Commercial léger: bureaux, bureaux ouverts au public, salles d'attente, magasins, toilettes publiques, espaces communs de logements collectifs, salles de restaurants, salons automobiles, bars, cinémas, cabinets médicaux/cliniques, chambres et salles de bains d'hôtels. Dans les zones caractérisées par des passages obligatoires, l'utilisation de produits avec une finition LUX/LEV/TOUCH n'est pas recommandée.

Commercial intensif: zones communes de centres commerciaux, halls d'hôtels, cantines, fast-foods, discothèques, hôpitaux, écoles, musées, lieux de culte, aéroports, gares.

Extérieurs: principalement pour les environnements extérieurs où un sol antidérapant est requis.

REMARQUES

En plus des revêtements, la finition LUX/LEV/TOUCH est également recommandée pour les sols dans les environnements résidentiels ou commerciaux légers peu soumis à des contraintes élevées, pour lesquels aucune prestation antidérapante n'est requise. La présence sporadique de petites irrégularités ou de points à la surface doit être considérée comme une caractéristique du matériau et de sa fabrication particulière. Si le produit est placé en contact direct avec l'extérieur, il est conseillé d'utiliser des solutions de protection afin d'éviter la formation de rayures. Dans les zones à passage de charges lourdes concentrées, l'utilisation de produits d'épaisseur réduite n'est pas recommandée.

Wohngebiet: Küchen, Badezimmer, Wohnzimmer und alle sonstigen Wohnbereiche.

Leichte gewerbliche Anwendungen: Büroräume, öffentliche Büros, Wartezimmer, Geschäfte, öffentliche Toiletten, Gemeinschaftsflächen in Mehrfamilienhäusern, Gaststätten, Autohäuser, Cafés, Kinos, Praxen/ Kliniken, Hotelzimmer und -badezimmer. In Bereichen mit obligatorischen Durchgängen ist der Einsatz von Produkten mit den Oberflächen LUX/LEV/TOUCH nicht empfohlen.

Intensive gewerbliche Anwendungen: Gemeinschaftsbereiche in Einkaufszentren, Hotelhallen, Kantinen, Fastfood-Restaurants, Diskotheken, Krankenhäuser, Schulen, Museen, Kultstätten, Flughäfen, Bahnhöfe.

Außenbereiche: Vor allem für Außenbereiche, in denen ein rutschfester Boden erforderlich ist.

ANMERKUNGEN

Die Oberfläche LUX/LEV/TOUCH wird nicht nur für Wandverkleidungen empfohlen, sondern auch für Böden in Wohn- bzw. Gewerbebereichen, die keiner hohen Belastung ausgesetzt sind und bei denen keine rutschhemmende Wirkung erforderlich ist. Das sporadische Vorhandensein von kleinen Unebenheiten oder Punkten auf der Oberfläche ist als ein Merkmal von Material und besonderer Verarbeitung zu betrachten. Wird das Produkt in direkten Kontakt mit der Außenseite gebracht, wird empfohlen, Schutzlösungen zu verwenden, um die Bildung von Kratzern zu vermeiden. In Bereichen, die schwerer Belastung ausgesetzt sind, ist die Verwendung von Produkten mit reduzierter Stärke nicht empfehlenswert.

Riferimenti utili.

Useful contacts / Quelques noms utiles / Nützliche adressen

MAPEI SPA,

via Cafiero 22, 20158 Milano - ITALY
Tel. +39 02 37673 - www.mapei.it

FABERCHIMICA SRL,

via G. Ceresani 10 - località Campo d'Olmo 60044 Fabriano (AN) - ITALY
Tel. +39 0732 627178 - www.faberchimica.com

FILA INDUSTRIA CHIMICA SPA,

via Garibaldi 32, 35018 S. Martino dei Lupari (PD) - ITALY
Tel. +39 049 9467300 - www.filachim.it

ZEP ITALIA SRL,

via Nettunese Km 25,000 - 04011 Aprilia (LT) - ITALY
Tel. +39 06 926691 - www.zepitalia.it

JOHNSONDIVERSEY,

via Meucci, 40 - 20128 Milano - ITALY
Tel. +39 0373 2051 - www.johnsondiversey.com

KITER SRL,

via Assiano 7/B - 20019 Settimo Milanese (MI) - ITALY
Tel. +39 02 3285220 - www.kiter.it

GEAL SRL,

via Settola 121 - 51031 Agliana (Pistoia) - ITALY
Tel. +39 0574 750365 - www.geal-gres.it

FEDERCHEMICALS SRL,

via Borsi 2 - 25100 Brescia - ITALY
Tel. +39 030 3385578 - www.federchemicals.it

LITHOFIN-PRODUCTE GMBH,

Postfach 1134, D-73236 Wendlingen (D)
Service - Tel. 0049 07024/940320 - www.lithofin.de
Vertrieb für Österreich: CT-Austria Ges.m.b.H. A-1230 Wien Tel. 0043 01 8673434

HMK - MÖLLER-CHEMIE BENELUX GMBH

- Linge 4 NL-2105 WB Heemstede (NL)
Tel. 0031 0252-220222 - www.moellerchemie.de

BONASYSTEMS ITALIA SRL,

via Borgo Santa Chiara 29 - 30020 Torre di Mosto (Venezia) - ITALY
Tel. +39 0421 325691 - www.bonasytemsitalia.it

Manuali tecnici.

Technical manuals / Manuels techniques / Technische Handbücher

CAPPOTTI TERMICI

external wall thermal insulation
murs manteaux thermiques
Wärmedämmungen

FACCIATE VENTILATE

ventilated walls
façades ventilées
Hinterlüftete Fassaden

PAVIMENTI SOPRAELEVATI

raised floors
sols surélevés
Doppelboden

RIVESTIMENTO INTERNO PISCINE

swimming pools
revêtements piscines
Schwimmbadenverkleidung

PULIZIA E MANUTENZIONE

cleaning and maintenance
nettoyage et entretien
Reinigung und Wartung

TOP CUCINE

kitchen countertops
plan de travail cuisine
Küchenarbeitsplatte

SOLUZIONI APPLICATIVE PRODOTTI 20mm

application solutions for 20mm products
solutions applicatives produit 20mm
Anwendungslösungen für 20mm Produkte

MANUALE TECNICO SLIMTECH

slimtech technical manual
manuel technique slimtech
slimtech technisches handbuch

MANUALE TECNICO PROTECT

protect technical manual
manuel technique protect
protect technisches handbuch

I manuali tecnici sono disponibili sul sito internet www.ceramichelea.com

The technical manual is available on the website www.ceramichelea.com
Les manuels techniques sont disponibles sur le site Internet www.ceramichelea.com
Die Technischen Broschüren sind auf der Webseite www.ceramichelea.it erhältlich.

Nota relativa agli imballi.

Information regarding packaging / Note informative concernant les emballages / Kennzeichen fuer die Verpackungseinheiten

Tutti i dati relativi gli imballi indicati nel presente catalogo sono da ritenersi puramente indicativi e potrebbero subire variazioni.

All information regarding packaging in this catalogue are considered purely indicative and subject to change.

Les valeurs des emballages déclarées sur ce catalogue sont purement indicatives et elles pourront être modifiées.

Die Angaben diesen Verpackungen sind rein indikativ und koennen veraendert werden.

Nota relativa al prodotto.

Information regarding product / Note informative concernant le produit / Kennzeichen fuer die Produkte

Tutte le informazioni relative al prodotto possono subire variazioni in ordine a miglorie dello stesso.

All product information can be modified in order to improve it.

Toutes les informations relatives au produit peuvent subir des variations suite à des améliorations de celui ci.

Alle Produktinformationen können geändert werden, um es zu verbessern.

CONDIZIONI GENERALI DI VENDITA**1) Ambito di applicazione**

1.1 Le presenti condizioni generali di vendita ("CGV") si applicheranno a tutte le forniture di piastrelle in ceramica o altri prodotti in ceramica ("Prodotti") che saranno eseguite nei confronti di qualsiasi cliente ("CLIENTE") da una società o divisione del Gruppo Panariagroup Industrie Ceramiche S.p.A. ("VENDITORE") anche se le CGV non verranno di volta in volta espressamente richiamate, menzionate ovvero espressamente accettate dal CLIENTE.

1.2 Accordi in deroga alle presenti CGV saranno efficaci nei confronti di VENDITORE soltanto (i) se contenuti nel "Contratto di Vendita", come definito al successivo paragrafo 3.2, (ii) se contenuti in documenti successivi alla conclusione del Contratto di Vendita ed il cui contenuto sia stato accettato per iscritto da VENDITORE. In ogni caso, anche se presenti deroghe concordate per iscritto, le CGV continueranno ad applicarsi per le parti non espressamente derogate.

1.3 In nessun caso VENDITORE sarà vincolato da eventuali condizioni generali di contratto di CLIENTE, neanche qualora esse siano richiamate o riportate negli ordini o in qualsiasi altra documentazione trasmessa a VENDITORE da CLIENTE. Nessun comportamento di VENDITORE potrà essere interpretato o utilizzato al fine di esprimere tacita accettazione di VENDITORE delle condizioni generali di contratto di CLIENTE.

1.4 In nessun caso, VENDITORE sarà vincolato da atti e/o azioni dei propri agenti, essendo questi ultimi privi del potere di vincolare il VENDITORE.

1.5 Nel caso in cui CLIENTE sia un consumatore, le disposizioni delle presenti CGV non pregiudicheranno i diritti allo stesso spettanti in base alle previsioni di legge relative alle vendite eseguite nei confronti dei consumatori.

2) Prodotti - Modifiche

2.1 Le rappresentazioni e/o immagini riguardanti i Prodotti riportate in siti internet, brochure, cataloghi, listini prezzi o documenti similari di VENDITORE hanno valore indicativo ed illustrativo. Conseguentemente, esse non rappresentano il risultato estetico finale dei Prodotti. Le caratteristiche tecniche e fisiche nonché le qualità dei Prodotti sono riportate unicamente nei manuali tecnici di VENDITORE. Ogni altro documento riportante le caratteristiche tecniche e fisiche nonché le qualità dei Prodotti ha valore puramente indicativo e non sarà vincolante per VENDITORE.

2.2 VENDITORE dichiara che i Prodotti sono conformi alle norme italiane e comunitarie di settore ad essi applicabili. A pena di inefficacia della garanzia di cui all'articolo 7 e di qualsiasi altra garanzia convenzionale e/o legale, ciascun Prodotto dovrà essere utilizzato ed applicato in conformità alle indicazioni di utilizzo di VENDITORE riferite ai Prodotti in questione e riportate nei cataloghi e/o nei manuali tecnici di VENDITORE ovvero diversamente comunicate o rese accessibili da VENDITORE a CLIENTE e, comunque, in conformità alla diligenza richiesta dalla natura dei Prodotti stessi.

2.3 È responsabilità di CLIENTE, prima della conclusione del Contratto di Vendita, accertare che i Prodotti siano idonei allo scopo e/o all'uso specifico per il quale intende acquistarli e, inoltre, accertare che i Prodotti medesimi siano conformi alla normativa applicabile nel luogo in cui CLIENTE intende importarli, distribuirli, venderli o farne qualsiasi uso.

2.4 VENDITORE, anche dopo la conclusione del Contratto di Vendita, potrà apportare ai Prodotti qualsiasi modifica che esso ritenga necessaria o opportuna, purché non ne alteri le caratteristiche essenziali. Qualora VENDITORE esegua modifiche sostanziali ai Prodotti (ad es. modifiche che interessano: le modalità di installazione, le caratteristiche di intercambiabilità dei Prodotti ecc.) oggetto di un Contratto di Vendita (come definito al successivo paragrafo 3.2), VENDITORE comunicherà per iscritto tale modifica a CLIENTE.

2.5 CLIENTE sarà tenuto a rappresentare agli acquirenti dei Prodotti e ai terzi le caratteristiche dei Prodotti nonché le indicazioni d'uso e di applicazione degli stessi, in conformità a quanto rappresentatogli da VENDITORE. Fermo restando quanto sopra, CLIENTE sarà esclusivamente responsabile per le dichiarazioni effettuate nei confronti dei terzi in relazione ai Prodotti, alle loro caratteristiche e al loro uso e/o applicazione e dovrà tenere VENDITORE indenne e manlevato da qualsiasi danno eventualmente subito da VENDITORE in relazione a o in connessione con tali dichiarazioni di CLIENTE, nel caso in cui le stesse siano false, incomplete e/o inesatte.

3) Preventivi - Conclusione del Contratto di Vendita - Tolleranze

3.1 I preventivi, verbali o scritti, di VENDITORE non costituiscono proposte contrattuali.

3.2 Il contratto di vendita ("Contratto di Vendita") si perfezionerà attraverso:

- a) la trasmissione dell'offerta da parte di VENDITORE e l'accettazione scritta di tale offerta da parte di CLIENTE senza alcuna modifica all'offerta stessa; oppure
- b) la trasmissione dell'ordine da parte di CLIENTE e l'accettazione scritta di tale ordine da parte di VENDITORE.

3.3 Ai fini del precedente paragrafo 3.2, lettera a) i seguenti fatti o atti avranno valore di accettazione scritta della offerta di VENDITORE da parte di CLIENTE:

- a) ricezione e accettazione, da parte di VENDITORE, di una lettera di credito procurata da CLIENTE;
- b) ricezione e accettazione, da parte di VENDITORE, di tutto o di parte del prezzo della fornitura;
- c) ricezione, da parte di VENDITORE, di un ordine di acquisto emesso da CLIENTE. In tal caso, qualsiasi previsione dell'ordine di acquisto di CLIENTE che risulti difforme dalle previsioni della offerta di VENDITORE sarà vincolante nei confronti di VENDITORE solo se specificamente accettata per iscritto da quest'ultimo.

3.4 Inoltre, ai fini del precedente paragrafo 3.2, lettera b), nel caso in cui la accettazione di VENDITORE dell'ordine di CLIENTE contenga condizioni differenti rispetto all'ordine formulato da CLIENTE, il Contratto di Vendita si considererà concluso alle condizioni riportate nella conferma d'ordine di VENDITORE, salvo il caso in cui CLIENTE comunichi per iscritto di rifiutare le modifiche riportate nella accettazione dell'ordine di VENDITORE entro 1 (uno) giorno lavorativo dalla ricezione della stessa.

3.5 Le forniture comprenderanno esclusivamente quanto indicato nel Contratto di Vendita.

3.6 CLIENTE riconosce a VENDITORE i margini di tolleranza quantitativa e/o qualitativa rinvenibili dal Contratto di Vendita o dagli usi o dalla prassi del settore dei Prodotti.

4) Imballaggio - Termini di resa - Termini di consegna

4.1 I Prodotti saranno imballati ed approntati per la spedizione secondo i sistemi di protezione generalmente adottati da VENDITORE per i Prodotti in questione in considerazione delle modalità di trasporto convenute. Qualora CLIENTE ritenga necessario l'impiego di imballaggi speciali o di protezioni aggiuntive dovrà farne espressa richiesta a VENDITORE, fermo restando che, in tal caso, saranno a carico di CLIENTE tutti i relativi costi.

4.2 Salvo diversamente previsto nel Contratto di Vendita, i Prodotti saranno consegnati a CLIENTE in conformità alla regola Incoterms® ICC, ultima versione, Ex-Works (EXW) - stabilimento di VENDITORE indicato nel Contratto di Vendita.

CLIENTE autorizza VENDITORE a sottoscrivere, in nome e per conto di CLIENTE, tutti i documenti che debbano essere sottoscritti al momento della presa in carico dei Prodotti presso gli stabilimenti di VENDITORE, come, ad esempio, il CMR.

Nel caso in cui la regola Incoterms® ICC concordata tra le parti preveda che CLIENTE debba curare il trasporto dei Prodotti fuori dall'Italia:

- a) in caso di cessione intra-comunitaria, entro 45 (quarantacinque) giorni dalla ricezione dei Prodotti presso gli stabilimenti di CLIENTE, CLIENTE dovrà trasmettere a VENDITORE un originale o una copia del documento di trasporto internazionale CMR o di altro documento di trasporto, sottoscritti a destinazione da CLIENTE ovvero, in assenza del CMR, una dichiarazione di ricezione dei Prodotti, emessa sulla base del form quale Allegato -1- disponibile per il download all'indirizzo www.panariagroup.it;
- b) in caso di cessione extra-comunitaria, CLIENTE si impegna a:
 - i) presentare la dichiarazione doganale di esportazione (DAU-EX e DAE) ed effettuare l'appuntamento del MRN (Movement Reference Number) presso la dogana del territorio comunitario di uscita dei Prodotti, entro 90 (novanta) giorni dalla data di consegna in Italia dei Prodotti stessi;
 - ii) inviare a VENDITORE, entro 90 (novanta) giorni dalla data di consegna, i documenti comprovanti l'esportazione dei Prodotti (dichiarazione di esportazione DAU-EX + DAE + notifica di avvenuta esportazione);
 - iii) confermare prontamente per iscritto a VENDITORE l'avvenuta esecuzione delle suddette formalità e a fornirgli ogni ulteriore documento comprovante l'esecuzione delle suddette formalità e l'uscita dei Prodotti dal territorio dell'Unione Europea.

In caso di inadempimento di CLIENTE a quanto pattuito al presente paragrafo 4.2, VENDITORE avrà il diritto di addebitare immediatamente a CLIENTE l'Imposta sul Valore Aggiunto relativa alla fornitura e connessa alla mancata prova del trasporto dei Prodotti in altro Stato Membro della Comunità Europea o mancato appuramento della esportazione. In ogni caso, CLIENTE terrà indenne e manlevato VENDITORE in relazione al pagamento di tutto quanto eventualmente dovuto da VENDITORE nei confronti dell'Amministrazione Finanziaria, a titolo di sanzioni ed interessi o ad altro titolo, in connessione con la fornitura e la mancata prova del trasporto dei Prodotti in altro Stato Membro della Comunità Europea o al mancato appuramento della esportazione.

A tal proposito, VENDITORE potrà: (i) compensare qualsiasi importo dovuto da CLIENTE in base al presente paragrafo 4.2 con eventuali crediti maturati da CLIENTE, a qualsiasi titolo, nei confronti di VENDITORE; ovvero (ii) trattenere definitivamente eventuali somme già ricevute da CLIENTE in relazione a Contratti di Vendita ancora da eseguirsi, effettuando una compensazione fra il debito di CLIENTE in base al presente paragrafo 4.2 e tutti i pagamenti già eseguiti da CLIENTE.

4.3 VENDITORE eseguirà la consegna dei Prodotti entro il termine previsto nel Contratto di Vendita, anche mediante consegne parziali. Il termine di consegna si intenderà in ogni caso non essenziale né perentorio. Salvo il caso di dolo o colpa grave, VENDITORE non sarà tenuto a corrispondere a CLIENTE alcun indennizzo o risarcimento per eventuali danni diretti o indiretti dovuti al ritardo nella consegna. In nessun caso di ritardo nella consegna dei Prodotti CLIENTE avrà il diritto di risolvere il Contratto di Vendita.

4.4 Al momento della ricezione dei Prodotti, CLIENTE avrà l'onere di denunciare danneggiamenti agli imballi e/o eventuali avarie o ammanchi di Prodotti verificatisi durante il trasporto, mediante apposizione di riserva scritta nel documento di trasporto, nonché l'onere di:

- a) far confermare dal vettore, mediante apposita sottoscrizione, l'apposizione della riserva; e
- b) informare immediatamente per iscritto VENDITORE e inviargli copia del suddetto documento entro e non oltre 8 (otto) giorni dalla data di ricezione dei Prodotti.

In caso contrario, VENDITORE non sarà responsabile per eventuali danneggiamenti, perdite o furti occorsi ai Prodotti durante il trasporto, anche qualora lo stesso sia eseguito con rischio in tutto o in parte a carico di VENDITORE.

5) Prezzi - Pagamento - Ritardato pagamento

5.1 I Prodotti verranno forniti ai prezzi concordati tra le parti nel Contratto di Vendita o, qualora il Contratto di Vendita non dovesse menzionare alcun prezzo, ai prezzi riportati nel listino prezzi di VENDITORE in vigore al momento della conclusione del Contratto di Vendita. Salvo diversa indicazione scritta, i prezzi dei Prodotti riportati nei listini, nei preventivi e/o nelle offerte di VENDITORE si intendono in Euro, al netto di IVA e per consegne eseguite in conformità alla regola Incoterms® Ex-Works (EXW), stabilimento di VENDITORE indicato nel Contratto di Vendita, ICC, ultima versione. Pertanto, nel caso in cui venga convenuto un diverso termine di resa, l'importo della fattura verrà modificato di conseguenza, includendo in fattura le spese di trasporto e ogni altro onere connesso con il termine di resa concordato tra le parti per la consegna dei Prodotti.

5.2 Il pagamento dei Prodotti dovrà essere eseguito da CLIENTE con le modalità e nei tempi indicati nel Contratto di Vendita o diversamente concordati per iscritto tra le parti. I pagamenti si considereranno effettuati da CLIENTE solo nel momento in cui il relativo importo sarà stato accreditato sul conto corrente di VENDITORE. Il pagamento dovrà essere effettuato da CLIENTE in Euro ovvero nella valuta del luogo in cui CLIENTE ha la propria sede, a scelta di VENDITORE, in conformità alla valuta che VENDITORE indicherà nella relativa fattura di vendita.

5.3 Nel caso in cui CLIENTE sia in ritardo nell'esecuzione del pagamento, VENDITORE avrà diritto:

- a) al pagamento degli interessi legali di mora, in conformità alla legge applicabile;
- b) di sospendere le consegne ancora da eseguirsi, previa comunicazione scritta a CLIENTE, fino a quando gli importi dovuti e i relativi interessi di mora siano stati integralmente pagati.

5.4 Qualora tali importi e interessi risultino ancora non pagati una volta decorsi 30 (trenta) giorni dalla scadenza data di pagamento concordata, VENDITORE potrà altresì, a propria discrezione,

alternativamente o cumulativamente, e in aggiunta a qualsiasi altro diritto o rimedio allo stesso spettante in base alla legge o alle presenti CGV:

- a) esigere l'immediato pagamento di ogni debito residuo, anche se sia stato convenuto un pagamento a rate o un pagamento dilazionato e/o siano stati emessi e siano in scadenza cambiali tratte, pagherò cambiari, assegni o altri strumenti di pagamento;
 - b) risolvere il Contratto di Vendita in questione e trattenerne definitivamente eventuali somme già ricevute in relazione a tale Contratto di Vendita e/o ad altri Contratti di Vendita, effettuando una compensazione fra il debito di CLIENTE e tutti i pagamenti ricevuti;
 - c) eseguire le future consegne dei Prodotti soltanto previo pagamento anticipato in relazione alle forniture ancora da eseguirsi;
 - d) revocare sconti e bonus che siano stati concordati fra le parti anche in relazione a Contratti di Vendita regolarmente eseguiti.
- 5.5 I diritti di cui ai precedenti paragrafi 5.3 e 5.4 potranno essere esercitati in qualsiasi momento da VENDITORE anche nel caso in cui:
- a) CLIENTE sia sottoposto a liquidazione, a procedure concorsuali, fallimentari, di ristrutturazione del debito o ad azioni esecutive; oppure
 - b) la compagnia assicurativa di VENDITORE rifiuti la copertura assicurativa di crediti di VENDITORE nei confronti di CLIENTE; oppure
 - c) CLIENTE versi in uno stato di difficoltà finanziaria - idoneo a determinare un pregiudizio al puntuale adempimento dei propri obblighi di pagamento - risultante, a titolo esemplificativo e non esaustivo, dalla levata di protesti, dalla diminuzione di garanzie concesse e/o dalla mancata prestazione di garanzie promesse, nonché dal verificarsi di qualsiasi insoluto, anche qualora tali circostanze si siano verificate nell'ambito dei rapporti tra CLIENTE ed altri suoi fornitori.
- 5.6 CLIENTE non potrà far valere eventuali inadempimenti di VENDITORE né potrà avviare alcuna azione legale nei confronti dello stesso fino a quando non abbia pagato integralmente a VENDITORE ogni importo allo stesso spettante ai sensi dei paragrafi 5.3 e 5.4.

6) Riserva di Proprietà

6.1 VENDITORE manterrà la proprietà dei Prodotti venduti fino al completo pagamento del loro prezzo da parte di CLIENTE.

Fermo restando quanto sopra, il rischio di perimento dei Prodotti sarà disciplinato dal termine di resa Incoterms® concordato tra le parti per la consegna dei Prodotti.

6.2 In caso di inadempimento o ritardo nell'adempimento dell'obbligazione di pagare il prezzo dei Prodotti, fermo restando quanto previsto ai precedenti paragrafi 5.4, 5.5 e 5.6, VENDITORE avrà il diritto di accedere ai locali in cui si trovano i Prodotti, di rientrarne in possesso e di incamerare definitivamente, a titolo di penale, eventuali somme pagate da CLIENTE per i Prodotti in questione.

7) Garanzia

7.1 Fatto salvo quanto previsto ai precedenti paragrafi 2.1, 2.2, 2.4 e 3.6 in relazione alle modifiche ammesse ai Prodotti e alle tolleranze, VENDITORE garantisce a CLIENTE che i Prodotti saranno conformi al Contratto di Vendita, alla classificazione indicata nei manuali tecnici, cataloghi e/o listini prezzi di VENDITORE nonché privi di difetti di fabbricazione. La presente garanzia avrà la durata di 12 (dodici) mesi dalla data di ritiro dei Prodotti dallo stabilimento di VENDITORE, a prescindere dal termine di resa Incoterms® concordato.

7.2 Sono esclusi da qualsiasi garanzia:

- a) le alterazioni cromatiche e le differenze di tonalità dei Prodotti;
 - b) i Prodotti classificati nel Contratto di Vendita come di qualità inferiore alla prima scelta ovvero come partite di Prodotti di fine serie venduta in blocco ovvero come partite speciali;
 - c) i Prodotti non posati a regola d'arte e/o posati in modo difforme rispetto alle previsioni delle norme di settore applicabili;
 - d) i Prodotti applicati su superfici e/o in ambienti diversi da quelli consigliati da VENDITORE;
 - e) i Prodotti utilizzati in modo difforme rispetto alle istruzioni e/o indicazioni di VENDITORE incluse nei cataloghi e/o i listini di VENDITORE ovvero in altro modo comunicate a CLIENTE da VENDITORE ivi incluse le indicazioni di cui al precedente paragrafo 2.2;
 - f) i Prodotti utilizzati in modo non conforme alla normale diligenza e/o alla tecnica richieste dalla natura dei Prodotti stessi;
 - g) l'ingelività del Prodotto, a meno che tale caratteristica del Prodotto non sia stata dichiarata da VENDITORE nel manuale tecnico, in riferimento al Prodotto in questione;
 - h) caratteristiche dei Prodotti come risultanti dalla classificazione del materiale ceramico (i) eseguita da parte di organismi di controllo e/o certificazione diversi da quelli di Paesi dell'Unione Europea e/o (ii) effettuata sulla base di criteri che non corrispondano a quelli utilizzati da VENDITORE.
- 7.3 Fermo quanto previsto al precedente paragrafo 4.4, CLIENTE sarà tenuto ad esaminare i Prodotti nel più breve tempo possibile e, a pena di decadenza dalla presente garanzia, a denunciare per iscritto a VENDITORE, a mezzo fax o email:

- a) difformità relative alla tipologia e/o alla quantità dei Prodotti ricevuti nonché altre difformità palesi dei Prodotti o loro difetti palesi: entro e non oltre 8 (otto) giorni dalla consegna dei Prodotti e, comunque, prima della posa in opera dei Prodotti;
 - b) difformità occulte o difetti occulti dei Prodotti: entro e non oltre 8 (otto) giorni dalla scoperta e, comunque, entro il periodo di garanzia.
- 7.4 VENDITORE avrà il diritto di verificare i Prodotti, o alcuni campioni dei Prodotti, che CLIENTE ritenga essere difformi o difettosi, anche al fine di verificare il rispetto delle prescrizioni relative alla posa in opera degli stessi e/o all'applicazione e/o all'utilizzo dei Prodotti come rinvenibili dalle presenti CGV. A tale proposito, CLIENTE potrà restituire a VENDITORE i Prodotti dallo stesso ritenuti difformi o difettosi soltanto previa autorizzazione scritta di VENDITORE ed a condizione che CLIENTE si faccia integralmente carico delle spese e dei rischi di spedizione. L'autorizzazione al reso dei Prodotti o dei campioni asseritamente difformi o difettosi non costituirà in nessun caso riconoscimento delle difformità o dei difetti da parte di VENDITORE.

7.5 Nel caso in cui i Prodotti siano riconosciuti da VENDITORE come effettivamente difformi o difettosi, CLIENTE, a scelta di VENDITORE, avrà esclusivamente diritto:

- a) alla sostituzione gratuita dei Prodotti difformi o difettosi; oppure
 - b) all'esenzione parziale o totale dal pagamento del loro prezzo, a seconda della gravità delle difformità o dei difetti.
- 7.6 Ai fini del paragrafo 7.5 lettera (a), i Prodotti che debbano essere consegnati in sostituzione di Prodotti difformi o difettosi saranno consegnati a CLIENTE in conformità alla regola Incoterms® 2010 ICC DDP - stabilimento di CLIENTE. I Prodotti che siano stati sostituiti dovranno essere, a scelta di VENDITORE, distrutti o smaltiti da CLIENTE, a spese di quest'ultimo, ovvero restituiti a VENDITORE, a spese di VENDITORE stesso. Per i Prodotti sostituiti che debbano essere distrutti o smaltiti da CLIENTE, CLIENTE si impegna ad inviare a VENDITORE la prova dell'avvenuta distruzione o smaltimento dei Prodotti, unitamente ai documenti giustificativi comprovanti il sostenimento dei costi di distruzione o smaltimento.

7.7 I diritti e rimedi descritti ai precedenti paragrafi 7.5 e 7.6 costituiscono i soli diritti e rimedi in garanzia concessi a CLIENTE. Nella massima misura consentita dalla legge, sono esclusi ulteriori responsabilità o obblighi di VENDITORE in relazione alla fornitura di Prodotti difformi o difettosi, ivi inclusi, a titolo esemplificativo e non esaustivo, responsabilità e obblighi per eventuali danni diretti, indiretti o consequenziali, perdite di profitto, ecc. a cui tale responsabilità si ricollega.

7.8 La presente garanzia sostituisce ed esclude ogni altra garanzia, espressa o implicita, prevista per legge o altrimenti.

8) Forza maggiore

8.1 VENDITORE non sarà in alcun modo responsabile per il mancato o ritardato adempimento di alcuna obbligazione relativa alla fornitura dei Prodotti qualora tale mancato o ritardato adempimento sia dovuto a eventi di forza maggiore come guerre, incendi, terremoti, inondazioni, tsunami, scioperi, difficoltà insorte con la forza lavoro, scarsità o difficoltà di approvvigionamento di materie prime, restrizioni all'uso di energia, sospensione o difficoltà nei trasporti, guasti agli impianti, atti della pubblica autorità o a qualsiasi altra azione o causa che non possa essere ragionevolmente prevista o alla quale VENDITORE non possa ragionevolmente porre rimedio tramite l'ordinaria diligenza.

8.2 In tali eventualità, il termine per l'esecuzione della fornitura verrà esteso per tutto il periodo di durata dell'evento di forza maggiore, fermo restando che, qualora tale evento dovesse impedire l'esecuzione della fornitura per oltre 6 (sei) mesi, CLIENTE avrà il diritto di risolvere il relativo contratto di vendita, mediante invio di lettera raccomandata con ricevuta di ritorno o corriere a VENDITORE, senza alcuna responsabilità o conseguenza per VENDITORE.

9) Invalidità di singole clausole contrattuali

L'invalidità di una disposizione delle presenti CGV non comprometterà la validità delle residue disposizioni che rimarranno pienamente valide e efficaci.

10) Riservatezza

10.1 CLIENTE si impegna a: (i) trattare come riservati tutte le informazioni/dati/disegni/know-how/documentazione trasmessigli da VENDITORE ovvero di cui sia venuto a conoscenza nell'esecuzione dei singoli Contratti di Vendita, indipendentemente dal fatto che tali informazioni siano o meno contrassegnate o identificate come riservate o confidenziali ("Informazioni Riservate"); (ii) non divulgare e non comunicare a terzi, né in tutto né in parte, le Informazioni Riservate senza il preventivo consenso scritto di VENDITORE; (iii) limitare l'utilizzo di tali Informazioni Riservate ed il relativo accesso per scopi relativi all'esecuzione dei singoli Contratti di Vendita; (iv) adottare tutte le misure necessarie al fine di assicurare che i propri dipendenti e i propri collaboratori evitino di divulgare a terzi le Informazioni Riservate o le utilizzino in modo improprio. Le Informazioni Riservate non potranno essere riprodotte senza previo consenso scritto di VENDITORE, e tutte le copie delle stesse saranno immediatamente restituite dietro richiesta di VENDITORE.

10.2 Le previsioni di cui sopra non si applicano alle informazioni che: (i) sono pubbliche o divengono pubbliche non per divulgazione da parte del CLIENTE, dei suoi dipendenti o collaboratori, o (ii) erano in possesso del CLIENTE prima che le ricevesse da VENDITORE o (iii) sono state divulgate da fonti che non sono sottoposte alle restrizioni cui è sottoposto CLIENTE relativamente al loro utilizzo, o (iv) possono essere divulgate a terzi in base ad un'autorizzazione scritta di VENDITORE.

11) Legge applicabile - Risoluzione delle controversie

11.1 Le presenti CGV e tutti i Contratti di Vendita che le parti stipuleranno in base alle presenti CGV saranno regolati dalla Convenzione di Vienna del 1980 sulla vendita internazionale di merci e, nelle materie non coperte da tale Convenzione, dalla legge italiana.

11.2 Qualsiasi controversia relativa alle presenti CGV e/o ai Contratti di Vendita che interverranno sulla base delle stesse sarà decisa in conformità alle seguenti previsioni:

- a) qualora CLIENTE abbia la sua sede legale nell'Unione Europea, in Svizzera, in Norvegia o in Islanda, la controversia sarà assoggettata in via esclusiva alla giurisdizione italiana e, in relazione ad essa, sarà esclusivamente competente il Tribunale di Modena (Italia);
- b) in tutti gli altri casi, la controversia sarà decisa in via esclusiva e definitiva mediante arbitrato, celebrato da un arbitro unico, in conformità al Regolamento di Procedura della Camera Arbitrale di Milano.

L'arbitrato avrà sede, e il lodo arbitrale verrà pronunciato, nella città di Milano (Italia). La lingua dell'arbitrato sarà la lingua inglese.

11.3 È tuttavia concesso, unicamente a favore di VENDITORE, il diritto incondizionato di agire, in qualità di attore, sotto la giurisdizione di CLIENTE innanzi al tribunale competente.

12) Lingua delle CGV

12.1 Il testo delle presenti CGV è redatto sia in lingua italiana che in lingua inglese.

In caso di discrepanza, il testo in lingua italiana prevarrà sul testo in lingua inglese.

Le presenti condizioni generali di vendita sono pubblicate e scaricabili sul sito internet www.panariagroup.it

GENERAL TERMS AND CONDITIONS OF SALE**1) Scope Of Application**

1.1 These General Terms and Conditions of Sale ("General Conditions") shall apply to any and all supply of ceramic tiles or other ceramic products ("Products") that will be executed to any client ("CLIENT") from any company or division of the Group Panariagroup Industrie Ceramiche S.p.A. ("SELLER"), even if these General Conditions are not expressly referred to, mentioned or expressly accepted by the CLIENT from time to time.

1.2 No provisions deviating from these General Conditions shall be binding on SELLER unless (i) included in the "Sale Contract", as defined under paragraph 3.2 below, (ii) included in documents following the Sale Contract and the content of the same has been accepted in writing by SELLER. In any case, even if deviating provisions are agreed upon, these General Conditions shall apply for the parts not expressly disregarded.

1.3 In no case shall any general conditions of contract of CLIENT be binding on SELLER, even if mentioned or included in orders or in any other documents transmitted by CLIENT to SELLER. No conduct of SELLER shall be interpreted or used in order to express tacit acceptance of SELLER to the general conditions of contract of CLIENT.

1.4 In no case SELLER shall be bound by acts and/or conducts of its agents, being the latter in lack of any power to bind SELLER.

1.5 In case CLIENT is a consumer, the provisions of these General Conditions shall not prejudice the rights of CLIENT provided for by the law applicable to sales executed toward consumers.

2) Products - Modifications

2.1 Any representation and/or image relating to the Products included in websites, brochures, catalogues, price lists or other similar documents of SELLER is approximate and purely illustrative. As a consequence, such representations and/or images do not represent the final aesthetic result of the Products. Technical and physical characteristics of the Products as well as qualities of the same are described in the technical manuals of SELLER only. Any other document including technical and physical characteristics and qualities of the Products are purely indicative and shall not bind SELLER.

2.2 SELLER declares that the Products are compliant with the applicable Italian and European industry standards. Any Products shall be used and applied in accordance with the instructions of use of SELLER included in catalogues and/or technical manuals of SELLER with reference to the Products in question or with the instructions in other way communicated and/or made available by SELLER to CLIENT and, in any case, in accordance with the diligence required by the nature of the Products. Failing to do so, CLIENT will result in the lapse of the warranty and in the unenforceability of the warranty rights under article 7 below or of any other legal or agreed warranty.

2.3 It is the responsibility of CLIENT, before executing of the Sale Contract, to make sure that the Products are suitable for their specific purpose and/or intended use and, in addition, that they also comply with the laws and regulations applicable in the place where CLIENT will import, distribute, sell or use them in any way.

2.4 SELLER may make any changes to the Products which, without altering their essential features, it deems necessary or convenient, even after execution of the Sale Contract. In case SELLER executes substantial modification to Products (e.g. modifications that will alter: the way of installation, characteristic of interchangeability of the Products, etc.) which are the object of an executed Sale Contract (as defined in paragraph 3.2 below), SELLER shall communicate in writing such modification to CLIENT.

2.5 CLIENT shall inform the purchasers of the Products and third parties of the characteristics of the Products and of the instructions of use and of application of the same in accordance with the indication provided by SELLER. Without prejudice to the above, CLIENT shall be the sole responsible and liable for the declarations it will make toward third parties with reference to the Products, their characteristics and their use or application and shall indemnify and hold SELLER harmless and from any damage possibly suffered by SELLER with reference to or in connection to such declarations of CLIENT, in case they result false, incomplete or inaccurate.

3) Quotations - Execution of Sale Contract - Tolerances

3.1 Written or verbal quotations issued by SELLER are not to be taken as valid contractual proposals.

3.2 The sale contract ("Sale Contract") is executed as follows:

a) an offer is sent by SELLER to CLIENT and CLIENT then sends its written acceptance of such offer to SELLER, without any modification to the offer itself; or

b) a purchase order is sent by CLIENT and SELLER then sends its written acceptance of such order to CLIENT.

3.3 For the purposes of paragraph 3.2 letter a) above, the following facts or actions shall constitute the written acceptance of an offer of SELLER by CLIENT:

a) the receipt by SELLER of a letter of credit sent by CLIENT;

b) the receipt by SELLER of all or part of the relevant purchase price;

c) the receipt by SELLER of a purchase order of CLIENT. Should this be the case, any order of CLIENT that differs from the provisions of the offer of SELLER shall be binding on SELLER only if and to the extent that SELLER had expressly accepted it in writing.

3.4 In addition, for the purposes of paragraph 3.2 letter b) above, in case the acceptance of SELLER includes terms and condition different from those of the order of CLIENT, the Sale Contract shall be deemed to be concluded at the conditions included in the acceptance of SELLER, unless CLIENT notifies SELLER, in writing, not to accept the terms and conditions of the acceptance of SELLER within 1 (one) working day from the receipt of such acceptance.

3.5 All supplies of Products will only include what is expressly indicated in Sale Contract.

3.6 CLIENT recognizes to SELLER quantity and quality tolerances as resulting from the Sale Contract or from the usage and practices of the sector of the Products.

4) Packing - Delivery term - Delivery time

4.1 The Products will be packaged and readied to ship in compliance with the standard protection methods generally adopted by SELLER for the Products in question, in consideration of the agreed mode of transport.

CLIENT shall expressly request to SELLER any special packaging or supplementary protection it deems necessary, and in such event CLIENT will bear all related costs thereof.

4.2 Unless otherwise provided for in the Sale Contract, the Products shall be delivered to CLIENT in accordance with the Incoterms® ICC rule, latest version, Ex-Works (EXW) - premises of SELLER indicated in the Sale Contract.

CLIENT authorizes SELLER to undersign, in the name and on behalf of CLIENT, any and all transport documents which shall be signed at the time of collection of the Products at the premises of SELLER, such as the CMR.

In the event that the ICC Incoterms® rule agreed between the parties provides that CLIENT shall take care of the transportation of the Products outside the territory of Italy:

a) in case of an Intra-EU supply, within 45 (forty-five) days from the receipt of the Products at its premises, CLIENT shall send SELLER an original or a copy of the international transportation document CMR or of another transportation document, undersigned at destination by CLIENT or, in the absence of the international transportation document CMR, a declaration of receipt of the Products issued on the basis of the form as Annex -I- available for download at www.panariagroup.it;

b) in case of an Extra-EU supply, CLIENT shall:

i) submit the custom export declaration (SAD-EX + EAD) and execute the validation of the MRN (Movement Reference Number) at the customs of the UE territory of exit of the Products, within 90 (ninety) days from the date of delivery of the same in Italy;

ii) send SELLER, within 90 (ninety) days from the date of delivery, documents proving the exportation of the Products (custom export declaration SAD-EX + EAD + certification of exit);

iii) notify SELLER, in writing, as soon as such submission is accomplished and provide SELLER with any other document proving the execution of such formalities as well as the exit of the Products from the UE Territory.

In case CLIENT is in breach of its obligations under this paragraph 4.2, SELLER shall be entitled to immediately charge CLIENT the amount of the Value Added Tax applicable to the supply and connected to the lack of proof of the transportation of the Products in a another Member State of the EU or to the lack of execution of custom clearance formalities. In any case, CLIENT shall indemnify and hold SELLER harmless with reference to any payment due to tax offices for fines, interests or on any other basis, in connection with the supply and with the lack of the proof of the transportation of the Products in a another Member State of the EU or with the lack of execution of custom clearance formalities.

In this respect, SELLER shall be entitled to: (i) offset any amount due by CLIENT on the basis of this paragraph 4.2 against any amount due, for whatever reason, from SELLER to CLIENT; or (ii) definitively withhold any amount received in regard to Sale Contracts, offsetting the CLIENT's debt under this paragraph 4.2 against any and all sums already paid by CLIENT.

4.3 SELLER shall deliver the Products within the delivery date provided for in the Sale Contract, in a single delivery or in partial deliveries. The delivery date shall always be considered neither of the essence nor peremptory.

Except in case of wilful wrongdoing or gross negligence, SELLER will not reimburse possible damages, either direct or indirect, suffered by CLIENT as a result of delay in the delivery of the Products.

In no case of delay in the delivery of the Products shall CLIENT be entitled to terminate the Sale Contract.

4.4 Upon receipt of the Products, CLIENT must report possible damages occurred to the packaging and/or shortages or anomalies of the Products occurred during the transport, by notifying details of such events on the transportation document, and must also:

a) have such notification countersigned by the carrier; and

b) immediately inform SELLER thereof, in writing, and send SELLER a copy of the countersigned document by and no later than 8 (eight) day(s) from the date of receipt of the Products.

Should this not be the case, SELLER shall not be responsible for possible damages losses or theft of the Products occurred during the transport, even if transport risks were, in whole or in part, upon SELLER.

5) Prices - Payment - Late Payment

5.1 The Products shall be supplied at the prices agreed between the parties in the Sale Contract or, should no prices be mentioned in the Sale Contract, at the prices resulting from the price list of SELLER in force when the Sale Contract has been executed. Unless otherwise stated in writing, the prices of the Products included in SELLER's price lists, quotations and/or offers are in Euro, net of VAT and for delivery according to the Incoterms® ICC rule, latest version, Ex-Works (EXW) - premises of SELLER indicated in the Sale Contract. Therefore, should a different Incoterms® rule be agreed upon between the parties for the delivery of the Products, the invoiced amount shall be modified accordingly, including in the sale invoice transportation expenses and any other costs connected with the Incoterms® rule agreed between for delivery.

5.2 CLIENT shall pay for the Products in accordance with the payments methods and terms provided for in the Sale Contract or otherwise agreed upon in writing between the parties. No payment shall be considered as being made by CLIENT until the relative amount has been credited to the bank account of SELLER.

Payment shall be executed by CLIENT in Euro or in the currency of the place where CLIENT has its registered office, at SELLER's discretion, in accordance with the currency indicated by SELLER in the related sale invoice.

5.3 If CLIENT is delinquent in its payment obligation, SELLER may:

a) obtain payment of late payment interest in accordance with the applicable law; and

b) withhold ongoing and future deliveries, upon written notice to CLIENT, until all delinquent amounts and late payment interest are fully paid.

5.4 If delinquent amounts and late payment interest remain unpaid 30 (thirty) days after the agreed deadline for payment, then SELLER may also, at its option, alternatively or cumulatively, and in addition to any other right or remedy available at law or pursuant to these General Conditions:

- a) request accelerated payment of any and all remaining payments and declare due the total outstanding balance, even if payment by instalment or deferred payment has been agreed upon and/or bills of exchange, promissory notes, cheques or other payment documents have been issued and are falling due;
 - b) terminate the Sale Contract in question and definitively withhold any amount received in regard to such Sale Contract or to other Sale Contracts, offsetting the CLIENT's outstanding debt against any and all sums already paid by CLIENT;
 - c) carry out future deliveries of Products on a pre-payment basis only, also with reference to supplies still to be executed;
 - d) cancel discounts and bonuses that may have been agreed between the parties also with reference to Sale Contracts already regularly executed.
- 5.5 SELLER shall be entitled to exercise the rights mentioned in paragraphs 5.3 and 5.4 above also in case:
- a) CLIENT is undergoing winding-up, bankruptcy, debt restructuring or enforcement proceedings;
 - b) the insurance company of SELLER refuses insurance coverage for SELLER's credits toward CLIENT;
 - c) CLIENT is undergoing financial difficulties able to hinder the regular execution of its payment obligations resulting from, by way of example only, missed payment of bills of exchange, promissory notes, cheques or other payment documents, reduction of granted guarantees and/or missed granting of promised guarantees, as well as from any amount resulting unpaid, even though such circumstances have occurred with other suppliers of CLIENT.
- 5.6 CLIENT cannot claim any breach of contract by SELLER, nor can CLIENT start any lawsuit or action against SELLER, until any amount resulting due to SELLER under paragraphs 5.3 and 5.4 above has been paid in full by CLIENT.

6) Retention of Title

6.1 SELLER will maintain exclusive ownership over the Products sold until their price has been entirely paid by CLIENT.

Without prejudice to the above the risks of loss of the Products shall be regulated by the Incoterms® rule agreed between the parties for the delivery of the Products.

6.2 In case of non-fulfilment or late fulfilment of the obligation to pay the price of the Products, without prejudice to the rights under paragraphs 5.4, 5.5 and 5.6, SELLER shall be entitled to enter the premises where the Products are held, re-possess the Products and withhold, as liquidated damages, any amount already paid by CLIENT with reference to such Products.

7) Warranty

7.1 Without prejudice to the provisions of paragraphs 2.1, 2.2, 2.4 and 3.6 with reference to the modifications to the Products and tolerances, SELLER warrants that the Products will conform to the Sale Contract, to the classification indicated in the technical manuals, catalogues and/or price lists of SELLER and that they will be free from manufacturing defects.

The warranty period is 12 (twelve) months from the date of collection of the Products from the premises of SELLER, regardless of the agreed Incoterms® rule for delivery.

7.2 The following are expressly excluded from warranty:

- a) chromatic alterations and tone differences of the Products;
- b) the Products identified in the Sale Contract as Products of quality lower than first-quality Products or as close-out sale Products or as special batches;
- c) the Products applied and/or set up not in compliance with the industry standards applicable to the same;
- d) the Products used or applied on surfaces and/or in spaces or environments different from those indicated by SELLER;
- e) the Products used not in compliance with the instructions and/or indications provided by SELLER included in the catalogues and price lists of SELLER or in other way communicated to CLIENT by SELLER, included the instructions under paragraph 2.2;
- f) the Products used not in compliance to the standard diligence and/or to the technics required by the nature of the Products;
- g) frost resistance of the Products, unless such characteristic of the Products has been declared by SELLER in the technical manual of the Products;
- h) characteristics of the Products as resulting from the classification of the pottery (I) executed by control and/or certification authorities other than authorities of the European Union Member States, and/or (ii) executed on the basis of criteria other than those used by SELLER.

7.3 Without prejudice to the provisions of paragraph 4.4 above, CLIENT shall inspect the Products as soon as possible and shall notify SELLER in writing of possible non-conformities or defects, by fax or email, within and no later than the following terms; failing to do so will result in the lapse of the warranty and the unenforceability of the warranty rights:

- a) differences in type or quantity with respect to type or quantity agreed as well as other patent non-conformities or defects of the Products: 8 (eight) days from the delivery of the Products at the premises of CLIENT and, in any case, before application of the Products;
 - b) hidden non-conformities or defects of the Products: 8 (eight) days from the discovery of the same and, for avoidance of doubt, within the warranty period.
- 7.4 SELLER will have the right to examine the Products, or samples of the Products, which CLIENT claims to be non-conforming or defective, in order to verify the instructions relating to the set up and/or application of the Products and/or the use of the Products in accordance with the provisions of these General Conditions. In this respect, CLIENT shall be entitled to return to SELLER the Products that CLIENT considers to be non-conforming or defective only upon SELLER's written authorization and only on the condition that CLIENT bears all costs and risks for the shipment of the Products. The authorization to return the Products or samples of the purportedly non-conforming or defective Products shall never be interpreted as an acknowledgment of the claimed non-conformities or defects on the part of SELLER.

7.5 In case the Products are ascertained by SELLER as actually non-conforming or defective, CLIENT will be entitled only to obtain, at the SELLER's option:

- a) replacement of the non-conforming or defective Products; or
- b) partial or full exemption from payment of their price, depending on the seriousness of the non-conformities or of the defects.

7.6 For the purpose of paragraph 7.5 letter (a), the Products to be delivered in replacement of non-conforming or defective Products shall be delivered to CLIENT in accordance with the Incoterms® 2010 ICC rule DDP - premises of CLIENT. The Products that have been replaced shall be, at SELLER's discretion, destroyed or disposed of by CLIENT, at its own costs, or returned to SELLER, at costs of SELLER. In case the Products are to be destroyed or disposed of by CLIENT, CLIENT undertakes to send to SELLER the proof of destruction or of disposal of the Products, along with the documents proving the costs borne by CLIENT for the destruction or the disposal of the same.

7.7 The rights and remedies described in paragraphs 7.5 and 7.6 above are the sole warranty rights and remedies granted to CLIENT. To the maximum extent permitted by the applicable law, any other liability and obligation of SELLER, which may in any way arise from or in relation to the supply of non-conforming or defective Products - including, but not limited to, compensation for direct or indirect or consequential damages, loss of profits, etc. connected to such liability - is expressly excluded.

7.8 The present warranty is in substitution for, and excludes, any other warranty, express or implied, set forth by the law or otherwise.

8) Force Majeure

8.1 SELLER shall not be liable or responsible for failure or delay in performing or fulfilling any obligations undertaken in reference to the supply of Products when such failure or delay is due to the occurrence of an event of force majeure such as wars, fires, earthquakes, floods, tsunamis, strikes, labor or employment difficulties, shortage or procurement difficulties of raw materials, restriction on the use of power, suspension or difficulties in the transports, breakdown of the plants, acts of public authorities or any other event or cause whatsoever, similar or dissimilar, which cannot reasonably be forecast or provided against and which cannot be overcome by SELLER with reasonable diligence.

8.2 In such event, the time for fulfilment of the obligation shall be extended for the period of continuance of such force majeure event.

In the event any of such force majeure event continue for a period longer than 6 (six) months, CLIENT shall have the right to terminate the underlying Sale Contract, by giving written notice to SELLER by registered letter with return receipt or courier, and SELLER shall not incur any responsibility or liability whatsoever.

9) Severability

The invalidity or unenforceability of any provision, or portion thereof, of this General Conditions shall not affect the validity or enforceability of any other provision.

10) Confidentiality

10.1 CLIENT undertakes: (i) to treat with the utmost confidentiality all the information/data/designs/know-how/documentation transmitted by SELLER or that it may come to know in connection with the execution of any Sale Contract, even if they is not marked or identified as secret or confidential ("Confidential Information"); (ii) not to, wholly or partially, disclose to or inform third parties of the Confidential Information, without the SELLER's prior written consent; (iii) to limit the use of the Confidential Information and the access to the same for purposes relating to the execution of the sale Contracts; (iv) to adopt any and all measures required in order for its employees and collaborators do not disclose the Confidential Information to third parties or use it in an inappropriate way.

The Confidential Information shall not be copied or reproduced in any way, unless with the prior written consent of SELLER, and all the copies of the Confidential Information shall be immediately returned to SELLER upon simple written request of the same.

10.2 The provisions above shall not apply to information which (i) are public or publicly available not due to a disclosure of CLIENT or of CLIENT's employees or collaborators; or (ii) were already available to CLIENT before it had received them by SELLER; or (iii) are disclosed from third parties that have no obligation of confidentiality or restrictions of use on the same; (iv) can be disclosed according to a written authorization of SELLER.

11) Applicable Law - Dispute Resolution

11.1 These General Conditions and all the Sale Contracts that will occur on the basis on the same will be governed by the United Nations Convention on Contracts for the International Sale of Goods (Vienna Convention of 1980) and, with respect to matters not covered by such Convention, by Italian laws.

11.2 Any dispute arising out of or in connection with these General Conditions or in connection with a Sale Contract occurred on the basis on the same shall be settled in accordance with the following provisions:

- a) In case CLIENT has its registered office within the European Union, in Switzerland, in Norway or in Iceland, the dispute shall be subjected to the jurisdiction of the Italian courts and shall be exclusively referred for its resolution to the Court of Modena (Italy).
- b) In any other case, the dispute shall be exclusively referred to and finally resolved by arbitration, by a sole arbitrator, in accordance with the Rules of the Milan Chamber of Arbitration (the Rules). The seat of arbitration shall be, and the award shall be delivered in, Milan (Italy). The language to be used in the arbitral proceedings shall be English.

11.3 Irrespective of the provisions above, it is hereby granted exclusively to SELLER the right to initiate legal proceedings under the jurisdiction of CLIENT before the competent court.

12) Language of these General Conditions

12.1 The text of these General Conditions is executed in both in Italian and in English language. In case of any discrepancy, the text in Italian shall prevail over the text in English language.

These general terms and conditions of sale are published and downloadable on the website www.panariagroup.it

Le rappresentazioni fotografiche e descrittive dei prodotti di Lea Ceramiche riportate sui depliant, sui cataloghi e sugli altri materiali pubblicitari dell'azienda, sono puramente illustrative dello specifico prodotto rappresentato. Si precisa infatti che, successivamente alla pubblicazione dei materiali pubblicitari dell'azienda, il prodotto potrebbe subire leggere modifiche nel relativo processo produttivo, al fine di renderlo tecnologicamente migliore. Tali aggiustamenti tecnologici potrebbero determinare lievi differenze, anche estetiche e/o cromatiche, nel prodotto medesimo, con la conseguenza che lo stesso potrebbe risultare diverso da come rappresentato e/o illustrato e/o descritto nel materiale pubblicitario di Lea Ceramiche. Tali differenze non potranno essere in alcun modo considerate dall'acquirente un vizio e/o difetto del materiale ceramico stesso, bensì una caratteristica dello specifico prodotto. Tutti i materiali ceramici che imitano pietre naturali presentano differenze di colore e sfumature che non potranno in nessun modo essere considerate quale difetto del prodotto, ma bensì una qualità caratteristica di tali tipi di produzione.

The photographs and descriptions of Lea Ceramiche products given in the brochures, catalogues and other corporate advertising materials aim merely to represent the specific products.

After the publication of the corporate advertising materials, the products may be slightly modified as a result of technological improvements. Such technological modifications may lead to slight differences in appearance and/or colour of the products, which may therefore differ from the representations, illustrations or descriptions given in the Lea Ceramiche advertising materials. Such differences shall in no way be deemed to be faults and/or defects in the ceramic materials, but rather intrinsic features of the specific products.

All ceramic materials that imitate natural stone differ in color and nuances, and this cannot in any way be considered as a product defect, but rather a characteristic of these types of products.

Les représentations photographiques et descriptives des produits de Lea Ceramiche reportées au sein des dépliant, des catalogues et des autres matériels publicitaires de l'entreprise visent simplement à illustrer le produit spécifique représenté.

En effet, nous précisons que suite à la publication des matériels publicitaires de l'entreprise, le produit pourrait subir de légères modifications lors du processus de production afin de le rendre meilleur du point de vue technologique. Ces ajustements technologiques pourraient engendrer de légères différences, même esthétiques et/ou chromatiques, au niveau du produit même, impliquant que celui-ci pourrait diverger des représentations et/ou des illustrations et/ou des descriptions contenues dans le matériel publicitaire de Lea Ceramiche. Ces différences ne pourront en aucun cas être considérées par l'acquéreur comme une imperfection et/ou un défaut du matériau céramique, mais plutôt comme une caractéristique du produit spécifique.

Tous les matériaux céramiques imitant les pierres naturelles présentent des différences de couleur et des nuances qui ne pourront en aucun cas être considérés comme un défaut du produit, mais, en revanche, comme une caractéristique typique de ces productions.

Die in den Prospekten, Katalogen und sonstigen Werbematerialien der Firma enthaltenen fotografischen Darstellungen und Beschreibungen der Produkte von Lea Ceramiche dienen nur zur Veranschaulichung des jeweils dargestellten Produkts.

Wir weisen darauf hin, dass nach der Veröffentlichung der Werbematerialien der Firma leichte Änderungen bezüglich des Produktionsprozesses am Produkt vorgenommen werden könnten, um es in technischer Hinsicht zu verbessern. Diese technischen Abänderungen könnten zu leichten z.B. ästhetischen und/oder farblichen Unterschieden am Produkt führen, das folglich von dem im Werbematerial von Lea Ceramiche dargestellten und/oder veranschaulichten und/oder beschriebenen Produkt abweichen könnte. Diese Unterschiede dürfen vom Käufer in keiner Weise als Mangel und/oder Defekt des Keramikmaterials angesehen werden, sondern sind ein Merkmal des spezifischen Produkts.

Die keramischen Materialien die Natursteine nachbilden (imitieren), die Farbunterschieden haben, sind nicht als Fehler des Materials zu bezeichnen, sondern als typische Merkmale.

LEA

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