

# WATERFALL

**MATERIA MUTEVOLE**  
*VARIABLE MATERIAL*



**LEA**  
CERAMICHE

# Un progetto senza limiti.

**A project  
without limits.**

La continua ricerca tecnologica di Lea Ceramiche completa il progetto di superfici Waterfall con Slimtech 5plus. Waterfall accresce il proprio valore assumendo il ruolo di "sistema di superfici"; dalle eccezionali lastre 100x300 cm fino ai formati della linea System L2 in 20 mm, Lea Ceramiche offre al progettista un rivestimento che non ha limiti di applicazione: facciate esterne ed interne, pavimentazioni soggette ad alto calpestio, superfici outdoor che esigono sicurezza e durata. La pietra in grès porcellanato Lea Ceramiche unisce libertà progettuale, qualità tecnica e bellezza inesauribile.

The continuous technological research by Lea Ceramiche completes the Waterfall surfaces project by offering it on Slimtech 5plus. Waterfall increases its value by taking on the role of a "surface system"; with the exceptional 100x30 cm slabs and the 20 mm thick L2 System line. Lea Ceramiche gives to the designer a covering product that knows no boundaries. The product can be used in a wide range of applications, from exterior and interior façades, to high traffic flooring, to outdoor surfaces that need to be safe and durable. The Lea Ceramiche porcelain stoneware stone combines design freedom, technical quality and inexhaustible beauty.

# Tre spessori protagonisti dello spazio e una superficie che armonizza la precisione estetica tra indoor e outdoor.

Three thicknesses that are the leading elements of space and a surface that harmonizes the aesthetic precision between indoor and outdoor areas.



## Gres porcellanato 10,5mm

Waterfall coniuga la naturale bellezza della pietra alla funzionalità del grès porcellanato in spessore tradizionale 10,5 mm. Quattro armoniose nuance che completano gli spazi residenziali più intimi e le grandi superfici pubbliche, in costante armonia con la natura e l'architettura che le circonda.



## Gres spessorato 20mm

La superficie da esterno spessorata coniuga performance tecniche e bellezza autentica. Oltre a garantire totale accordo tra interno ed esterno, i formati della linea System L2 in 20 mm sono immuni agli sbalzi termici, sono robusti e carrabili, perfetti per tutte le aree piscina e gardening che richiedono affidabilità e impeccabile "total look".



## Gres laminato 5,5mm

Grazie alle straordinarie dimensioni record e allo spessore 5,5 mm, Waterfall è in grado di rivestire qualsiasi superficie. Il grès laminato Slimtech 5plus di Lea Ceramiche è duttile, leggero e facile da tagliare, come un vestito su misura abbraccia i progetti architettonici che cercano la perfetta coordinazione tra pareti, pavimenti e complementi d'arredo.



## 10,5mm Porcelain stoneware

Waterfall combines the natural beauty of stone with the functionality of traditional 10.5 mm thick porcelain stoneware. Four harmonious nuances complete the most intimate residential spaces and large public surfaces, in constant harmony with nature and the architecture that surrounds it.



## 20mm Porcelain stoneware

The thickened outer surface combines technical performance and authentic beauty. In addition to ensuring complete interconnection between the indoors and the outdoors, the formats of the 20 mm L2 System line are immune to thermal shocks, they are robust and are resistant to vehicular passage, perfect for all pool and garden areas that require reliability and an impeccable "total look".



## 5,5mm Laminated porcelain stoneware

Due to the extraordinary record size and the 5.5 mm thickness, Waterfall is able to cover any surface. Slimtech 5plus laminated porcelain stoneware by Lea Ceramiche is ductile, lightweight and easy to cut, just like a customized dress, it embraces the architectural designs that seek perfect coordination between walls, floors and furnishing accessories.

## Una materia che attrae architettura e design.

**A material that  
attracts architecture  
and design.**

Waterfall rievoca l'armonia dell'ardesia. Le superfici in grès porcellanato Lea Ceramiche riproducono gli effetti cangianti tipici delle pietre rocciose sedimentarie riflettendo texture, irregolarità e variazioni di colori nati dal trascorrere del tempo. Waterfall è una materia sincera e generosa perché moltiplica le potenzialità progettuali mantenendosi in costante equilibrio tra funzionalità tecnica e magnetica bellezza.

Waterfall recalls the harmony of slate. The Lea Ceramiche porcelain stoneware surfaces reproduce the shimmering effects of sedimentary rock stones by reflecting textures, irregularities and colour variations created through time. Waterfall is a sincere and generous material because it multiplies the design potential while maintaining a constant balance between technical functionality and magnetic beauty.



# WATERFALL

Un formato per ogni progetto.  
A format for all projects.

4

## COLORI / COLORS

ivory flow  
silver flow  
gray flow  
dark flow

3

## FINITURE / FINISHES

naturale  
lappato  
grip

## 10,5 mm GRES PORCELLANATO

90x90cm 36"x36"  
60x120cm 24"x48"  
45x90cm 18"x36"  
60x60cm 24"x24"  
30x60cm 12"x24"

## 5,5 mm GRES LAMINATO

100x300cm 39"x118"  
100x100cm 39"x39"  
50x100cm 19<sup>1/2</sup>"x39"

## 20 mm GRES SPESSORATO

45x90cm 18"x36"  
60x60cm 24"x24"



# WATERFALL SLIMTECH

Uno spessore per ogni situazione.

A thickness for all situations.



**Le forme  
solenni  
contengono  
dettagli  
esclusivi  
di puro  
design.**

**The solemn shapes  
contain exclusive details  
of pure design.**



**SILVER FLOW**

100x300cm / 39"x118" nat





**SILVER FLOW**

100x300cm / 39"x118" nat





**SILVER FLOW**

100x300cm / 39"x118" nat





# Nuove tecnologie evocano il fascino del tempo e dello spazio.

New technologies evoke the charm of time and space.



**GRAY FLOW**

100x100cm / 39"x39" nat

**IVORY FLOW**

100x300cm / 39"x118" nat

**DARK FLOW**

100x300cm / 39"x118" nat



**GRAY FLOW**

100x100cm / 39"x39" nat

**IVORY FLOW**

100x300cm / 39"x118" nat

**DARK FLOW**

100x300cm / 39"x118" nat





**GRAY FLOW**

100x100cm / 39"x39" nat

**DARK FLOW**

100x300cm / 39"x118" nat



# Creatività e ingegno diventano forma, sostanza e stile.

Creativity and ingenuity turn into shape, substance and style.

## DARK FLOW

60x120cm / 24"x48" lapp rett.

## IVORY FLOW



## NEST

ettagono L 25cm / 10"  
50x43,2cm / 19<sup>1</sup>/<sub>2</sub>"x17"  
triangolo L 25cm / 10"





## IVORY FLOW



**NEST**  
ettagono L 25cm / 10"  
50x43,2cm / 19<sup>1</sup>/<sub>2</sub>"x17"  
triangolo L 25cm / 10"



### DARK FLOW

60x120cm / 24"x48" lapp rett.

### IVORY FLOW



**NEST**  
 ettagono L 25cm / 10"  
 50x43,2cm / 19 1/2"x17"  
 triangolo L 25cm / 10"



**DARK FLOW**

30x60cm / 12"x24" lapp rett.  
mosaico 36  
30x30cm / 12"x12" lapp rett.  
60x60cm / 24"x24" lapp rett.

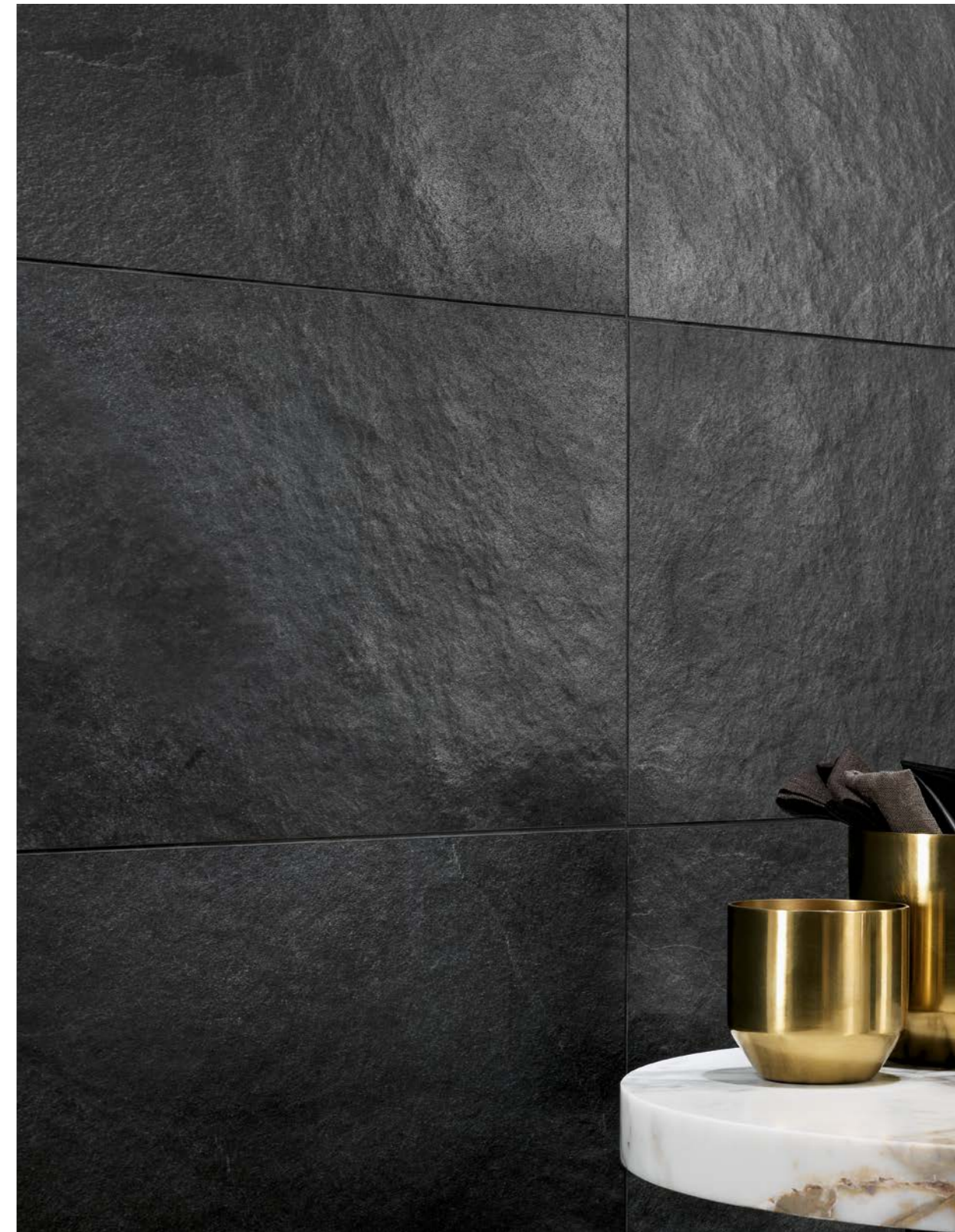






## DARK FLOW

60x60cm / 24"x24" lapp rett.  
30x60cm / 12"x24" lapp rett.



**Il design  
spezza  
l'ovvietà  
e ispira  
raffinatezza  
ceramica.**

**The design breaks away from  
what is obvious and inspires  
ceramic refinement.**

**BASKET****DARK FLOW**

Gramma 66 sx  
39,2x19,5cm / 15<sup>3/8</sup>"x7<sup>5/8</sup>" nat

**SILVER FLOW**

Gramma 16 dx  
19,5x9,7cm / 7<sup>5/8</sup>"x3<sup>3/4</sup>" nat



**ARROW****DARK FLOW**

Gramma 16 dx  
 Gramma 16 sx  
 19,5x9,7cm / 7<sup>5/8</sup>"x3<sup>3/4</sup>" nat

**SILVER FLOW**

Gramma 16 dx  
 Gramma 16 sx  
 19,5x9,7cm / 7<sup>5/8</sup>"x3<sup>3/4</sup>" nat

Le cromie, di base grigie, spaziano dalla tonalità più scura, il Dark Flow, a quella più chiara, Ivory Flow, richiamando il naturale processo di ossidazione della pietra, materia in continua trasformazione che cambia colore, forma e struttura, adattandosi all'evolversi dei fenomeni naturali.

The colours, in grey scale, vary from the darkest tone, Dark Flow, to the lightest, Ivory Flow, recalling the natural oxidation process of the stone, a material that is under continuous transformation, changing colour, shape, and structure, and adapting itself to the evolution of natural phenomenon.

**TWIST**

**GRAY FLOW**

Gamma 66 dx  
Gamma 66 sx  
39,2x19,5cm / 15<sup>3/8</sup>"x7<sup>5/8</sup>" nat



**CHEVRON**  
**GRAY FLOW**  
Gamma 72  
49,8x16,9cm / 19<sup>1</sup>/<sub>2</sub>"x6<sup>5</sup>/<sub>8</sub>" nat





### IVORY FLOW

muretto 3D  
30x60cm / 12"x24" lapp rett.  
90x90cm / 36"x36" nat rett.





**IVORY FLOW**  
90x90cm / 36"x36" nat rett.



La ricerca di Lea Ceramiche è andata oltre, adoperandosi non solo a restituire un materiale dalle qualità prestazionali indiscutibili, ma riuscendo a conferire una stratigrafia più complessa.

Con l'inclusione di altre tipologie di pietre come le quarziti brasiliane, si è arrivati ad una perfetta definizione estetica, un'armonizzazione grafica che conferisce alla materia eleganza e che interagisce col mutare della luce.

Lea Ceramiche's research went above and beyond, striving not only to create a material of indisputably high quality, but also successfully lending it a more complex stratigraphy.

With the inclusion of other types of stone, like Brazilian quartzite, the perfect aesthetic definition has been achieved, a graphic harmony that gives elegance to the material and that interacts with the changing light.

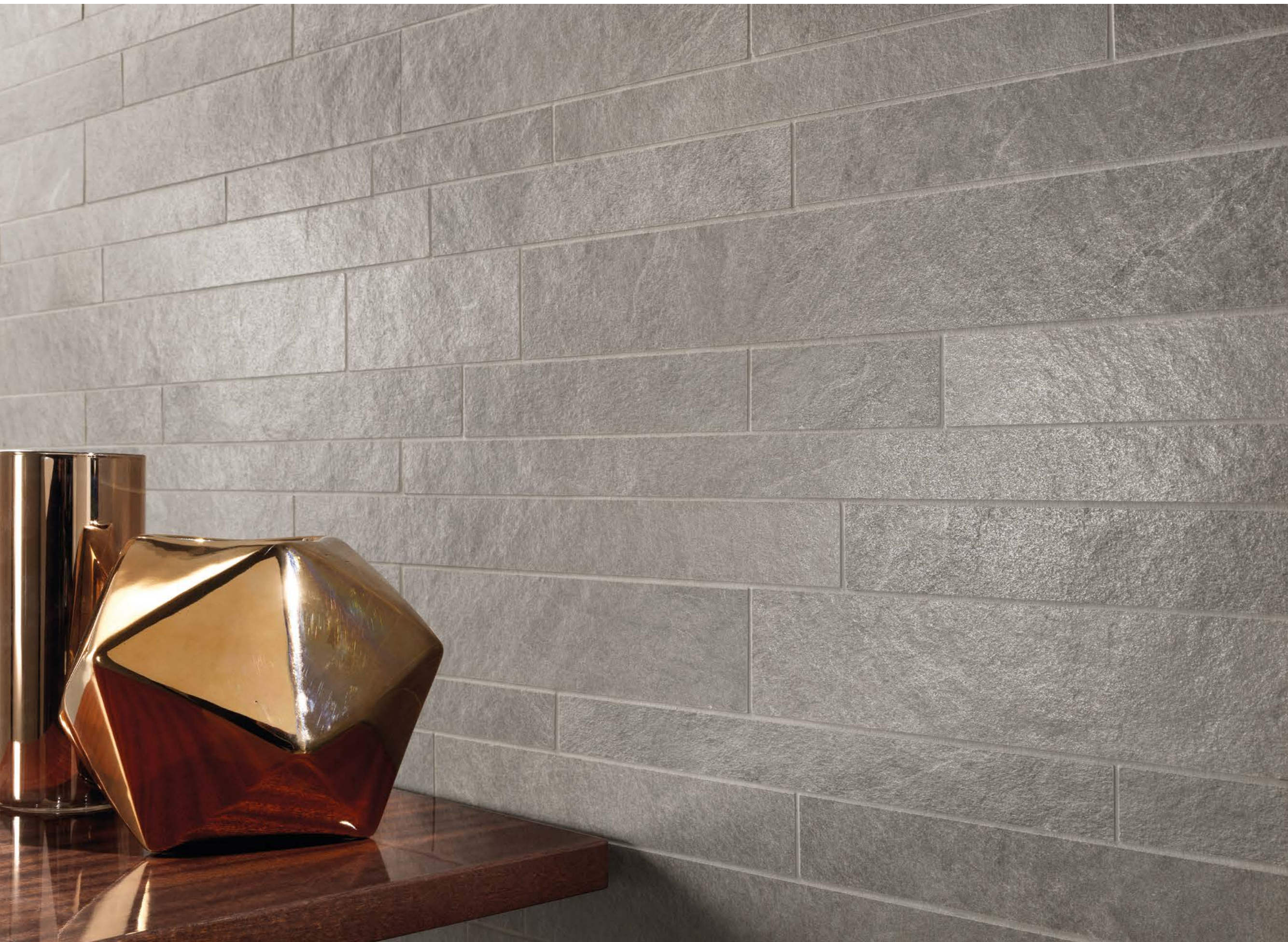
## SILVER FLOW

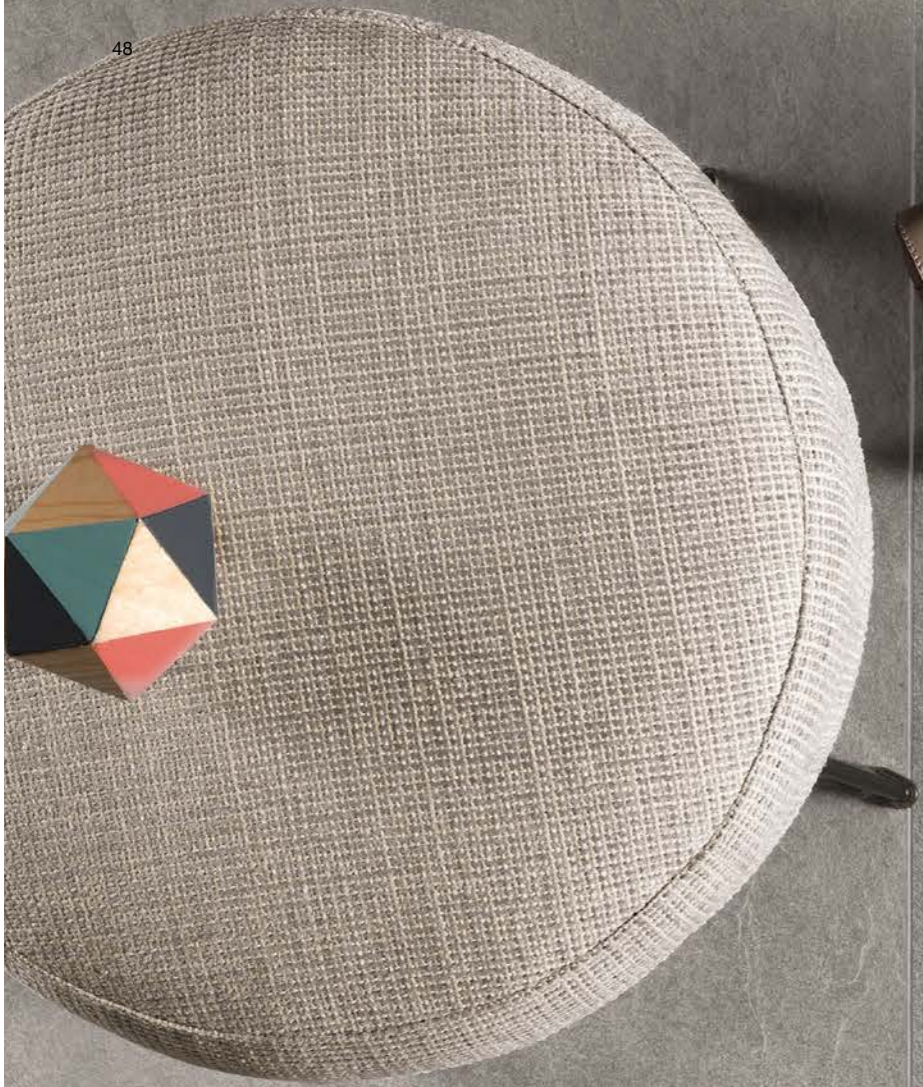
muretto  
30x60cm / 12"x24" lapp rett.



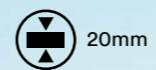
**SILVER FLOW**

muretto  
30x60cm / 12"x24" lapp rett.





**SILVER FLOW**  
60x120cm / 24"x48" nat rett.



20mm

**SYSTEM L2****SILVER FLOW**

**griglia**  
15x45cm / 6"x18" nat rett.  
**griglia angolare sx**  
15x45cm / 6"x18" nat rett.  
**griglia angolare dx**  
15x45cm / 6"x18" nat rett.

**SILVER FLOW**

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

**IVORY FLOW**

45x90cm / 18"x36" nat rett.  
20mm





**LEA**  
CERAMICHE

[www.protect.panariagroup.it](http://www.protect.panariagroup.it)

# PROTECT

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 healthy, safe and secure.



## AZIONE POTENTE

elimina i batteri e ne impedisce la proliferazione

## POWERFUL ACTION

eliminates microbes and prevents their reproduction



## PROTEZIONE CONTINUA

sempre attivo, 24 ore su 24, con e senza luce solare

## CONTINUOUS PROTECTION

always active, 24 hours a day, with and without sunlight



## EFFICACIA ETERNA

grazie alla tecnologia integrata in modo permanente nel prodotto

## ETERNAL EFFECTIVENESS

thanks to the technology permanently integrated into the product



## QUALITÀ GARANTITA

dalla partnership con **MICROBAN**

## GUARANTEED QUALITY

by the partnership with **MICROBAN**

**PANARIA**group

# WATERFALL

WATERFALL

# COLORI

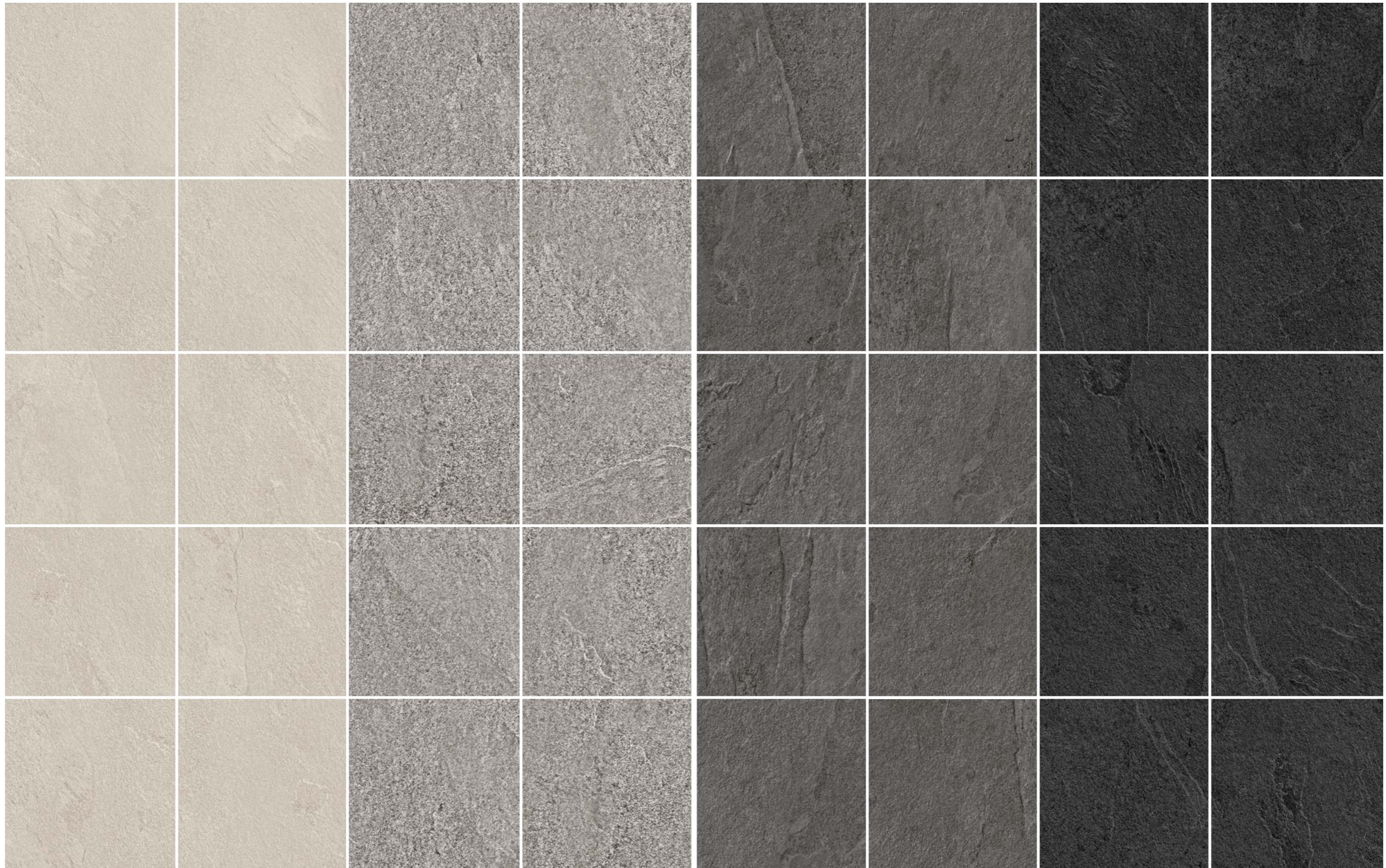
colors / couleurs / Farben

ivory flow

silver flow

gray flow

dark flow

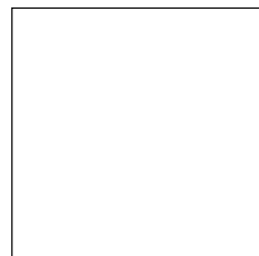


## WATERFALL

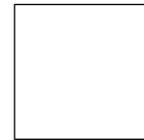
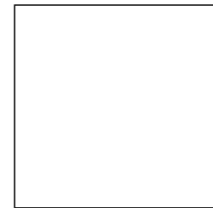
## FORMATI

sizes / formats / Formate

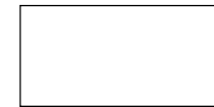
SLIMTECH

P R ( ) T E C T  
ANTIBATTERICO - ANTIMICROBIALspessore / thickness **5,5mm**100x300cm / 39"x118"  
slimtech 5plus  
NAT100x100cm / 39"x39"  
slimtech 5plus  
NAT50x100cm / 19 1/2"x39"  
slimtech 5plus  
NAT

gres porcellanato

P R ( ) T E C T  
ANTIBATTERICO - ANTIMICROBIALspessore / thickness **10,5mm**30x60cm / 12"x24" rett  
NAT / LAPP60x60cm / 24"x24" rett  
NAT / LAPP / GRIP90x90cm / 36"x36" rett  
NAT / LAPP45x90cm / 18"x36" rett  
NAT / LAPP60x120cm / 24"x48" rett  
NAT / LAPP

SYSTEM L2

spessore / thickness **20mm**60x60cm / 24"x24" rett  
±20mm  
GRIP45x90cm / 18"x36" rett  
±20mm  
GRIP

## FINITURE

finishes / surface / Oberfläche

NATURALE

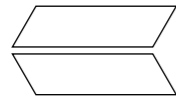
LAPPATO

GRIP

## WATERFALL

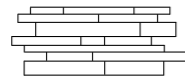
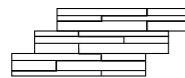
## FORMATI SPECIALI

special sizes / formats spéciaux / Sonderformate

**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL**GRAMMA 72**49,8x16,9cm / 19<sup>1/2</sup>"x6<sup>5/8</sup>" rett  
nat**GRAMMA 66 DX**39,2x19,5cm / 15<sup>3/8</sup>"x7<sup>5/8</sup>" rett  
nat**GRAMMA 66 SX**39,2x19,5cm / 15<sup>3/8</sup>"x7<sup>5/8</sup>" rett  
nat**GRAMMA 16 DX**19,5x9,7cm / 7<sup>5/8</sup>"x3<sup>3/4</sup>" rett  
nat**GRAMMA 16 SX**19,5x9,7cm / 7<sup>5/8</sup>"x3<sup>3/4</sup>" rett  
nat

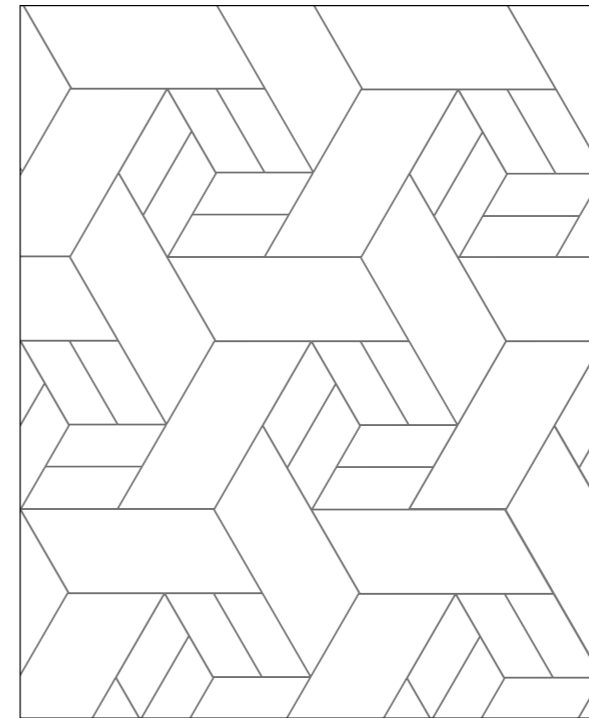
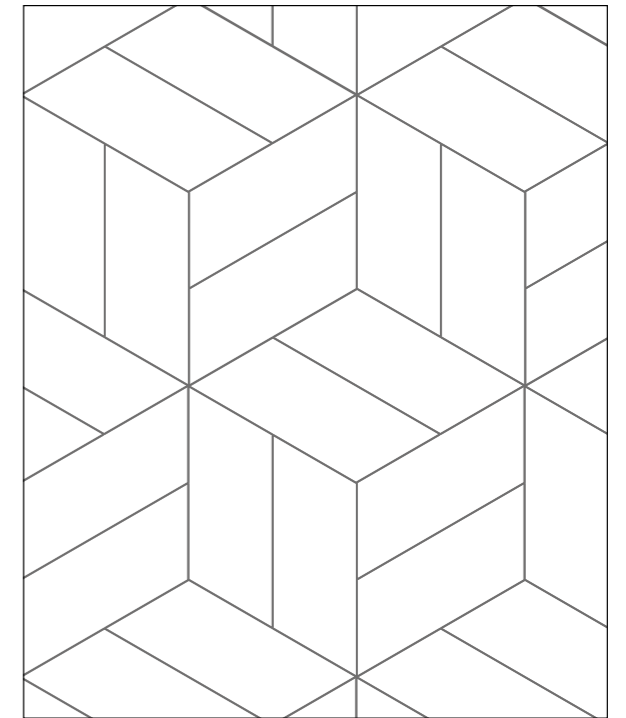
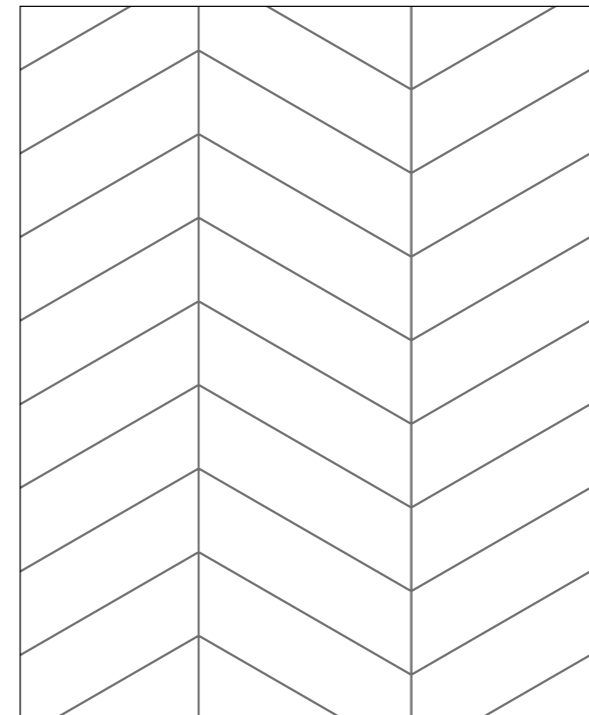
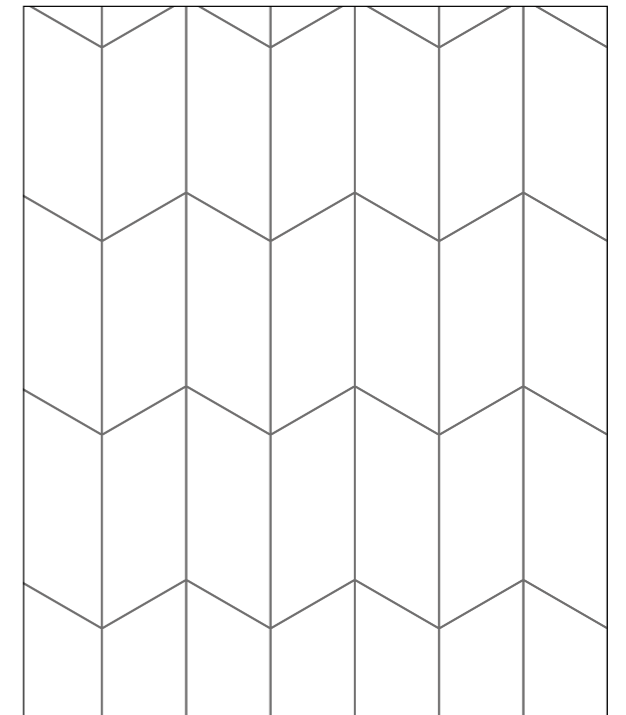
## MOSAICI

mosaics / mosaïques / Mosaïks

**PR( )TECT**  
ANTIBATTERICO - ANTIMICROBIAL**MURETTO**30x60 cm / 12"x24" rett  
nat / lapp**BRICK**30x60 cm / 12"x24" rett  
nat / lapp**MURETTO 3D**30x60 cm / 12"x24" rett  
nat / lapp**MOSAICO 36**30x30 cm / 12"x12" rett  
nat / lapp

## 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% / Gramma 16 DX 100%**CHEVRON** / Gramma 72 100%**ARROW** / Gramma 66 DX 50% e SX 50% / Gramma 16 DX 50% e SX 50%



## WATERFALL

## FONDI

plain tiles / fonds / Unifliesen



			50x100cm 19 1/2" x 39"	100x100cm 39" x 39"	100x300cm* 39" x 118"
			Slimtech 5plus	Slimtech 5plus	Slimtech 5plus
Ivory Flow		NAT	LS9WF20	LSCWF20	LSAWF20
Silver Flow		NAT	LS9WF30	LSCWF30	LSAWF30
Gray Flow		NAT	LS9WF10	LSCWF10	LSAWF10
Dark Flow		NAT	LS9WF00	LSCWF00	LSAWF00

\* Per ordini inferiori alle 5 lastre sarà addebitato il costo del pallet a Euro 80,00 netto. / The cost of the pallet, Euro 80,00 net, will be charged for orders less than 5 slabs. / Pour toutes commandes inférieures à 5 dalles, un cout de 80 Euro correspondant au cout de la palette sera ajouté. / Bei Abnahme einer Menge unter 5 Platten werden Euro 80,00 Netto für Verpackung/palette belastet.

## FORMATI SPECIALI

special sizes / formats spéciaux / Sonderformate

			Gramma 72 49,8x16,9cm 19 1/2" x 6 5/8"	Gramma 66 DX 39,2x19,5cm 15 3/8" x 7 5/8"	Gramma 66 SX 39,2x19,5cm 15 3/8" x 7 5/8"	Gramma 16 DX 19,5x9,7cm 7 5/8" x 3 3/4"	Gramma 16 SX 19,5x9,7cm 7 5/8" x 3 3/4"
			rett	rett	rett	rett	rett
			10,5 mm	10,5 mm	10,5 mm	10,5 mm	10,5 mm
Ivory Flow		NAT	LGZWF72	LGZWFS2	LGZWFD2	LG0WFS2	LG0WFD2
Silver Flow		NAT	LGZWF73	LGZWFS3	LGZWFD3	LG0WFS3	LG0WFD3
Gray Flow		NAT	LGZWF71	LGZWFS1	LGZWFD1	LG0WFS1	LG0WFD1
Dark Flow		NAT	LGZWF70	LGZWFS0	LGZWFD0	LG0WFS0	LG0WFD0

## FONDI

plain tiles / fonds / Unifliesen

			30x60cm 12" x 24"	60x60cm 24" x 24"	45x90cm 18" x 36"	90x90cm 36" x 36"	60x120cm 24" x 48"	60x60cm 24" x 24"	45x90cm 18" x 36"
			rett	rett	rett	rett	rett	rett	rett
			10,5 mm	10,5 mm	10,5 mm	10,5 mm	10,5 mm	20mm SYSTEM L2	20mm SYSTEM L2
Ivory Flow		NAT	LGWWFN2	LGWWFN2	LGGWFN2	LG9WF20	LGXWF20	-	-
		LAPP	LGWVFX2	LGWVFX2	LGGVFX2	LG9VFX2	LGXVFX2	-	-
		GRIP	-	LGWWF20	-	-	-	LGWK2W5	LGK220
Silver Flow		NAT	LGWWFN3	LGWWFN3	LGGWFN3	LG9WF30	LGXWF30	-	-
		LAPP	LGWVFX3	LGWVFX3	LGGVFX3	LG9VFX3	LGXVFX3	-	-
		GRIP	-	LGWWF30	-	-	-	LGWWF36	LGK230
Gray Flow		NAT	LGWWFN1	LGWWFN1	LGGWFN1	LG9WF10	LGXWF10	-	-
		LAPP	LGWVFX1	LGWVFX1	LGGVFX1	LG9VFX1	LGXVFX1	-	-
		GRIP	-	LGWWF10	-	-	-	LGWK2W3	LGK210
Dark Flow		NAT	LGWWFN0	LGWWFN0	LGGWFN0	LG9WF00	LGXWF00	-	-
		LAPP	LGWVFX0	LGWVFX0	LGGVFX0	LG9VFX0	LGXVFX0	-	-
		GRIP	-	LGWWF00	-	-	-	LGWK2W1	LGK200

## MOSAICI

mosaics / mosaïques / Mosaïks

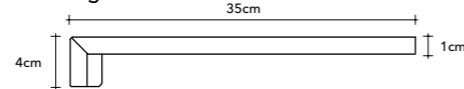
			Muretto 30x60cm 12" x 24"	Brick 30x60cm 12" x 24"	Muretto 3D 30x60cm 12" x 24"	Mosaico 36 30x30cm 12" x 12"
			rett	rett	rett	rett
Ivory Flow		NAT	LG9WFM7	LGVWF25	LGVWFD7	LGCWF25
		LAPP	LG9WFM2	LGVWF20	LGVWFD2	LGCWF20
Silver Flow		NAT	LG9WFM8	LGVWF35	LGVWFD8	LGCWF35
		LAPP	LG9WFM3	LGVWF30	LGVWFD3	LGCWF30
Gray Flow		NAT	LG9WFM6	LGVWF15	LGVWFD6	LGCWF15
		LAPP	LG9WFM1	LGVWF10	LGVWFD1	LGCWF10
Dark Flow		NAT	LG9WFM5	LGVWF05	LGVWFD5	LGCWF05
		LAPP	LG9WFM0	LGVWF00	LGVWFD0	LGCWF00







## WATERFALL

## PEZZI SPECIALI

trims / pièces spéciales / Formstücke

Sezione gradino




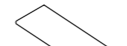
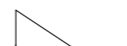
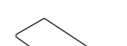
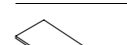

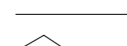
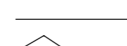
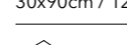


		Ivory flow	Silver flow	Gray flow	Dark flow
 <b>battiscopa</b> 10x60cm / 4"x24" rett	NAT	LGBWFN2	LGBWFN3	LGBWFN1	LGBWFN0
	LAPP	LGBWFL2	LGBWFL3	LGBWFL1	LGBWFL0
 <b>gradino plus*</b> 35x120cm / 13 <sup>3</sup> / <sub>4</sub> "x48" rett	NAT	LG8WF20	LG8WF30	LG8WF10	LG8WF00
	LAPP	LG8WF70	LG8WF80	LG8WF60	LG8WF50
 <b>angolo dx gradino plus*</b> 35x120cm / 13 <sup>3</sup> / <sub>4</sub> "x48" rett	NAT	LG8WF21	LG8WF31	LG8WF11	LG8WF01
	LAPP	LG8WF71	LG8WF81	LG8WF61	LG8WF51
 <b>angolo sx gradino plus*</b> 35x120cm / 13 <sup>3</sup> / <sub>4</sub> "x48" rett	NAT	LG8WF22	LG8WF32	LG8WF12	LG8WF02
	LAPP	LG8WF72	LG8WF82	LG8WF62	LG8WF52
 <b>gradino plus*</b> 35x60cm / 13 <sup>3</sup> / <sub>4</sub> "x24" rett	GRIP	LG2WF20	LG2WF30	LG2WF10	LG2WF00
 <b>angolo gradino plus*</b> 35x60cm / 13 <sup>3</sup> / <sub>4</sub> "x24" rett	GRIP	LG2WF21	LG2WF31	LG2WF11	LG2WF01

\* 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.

## PEZZI SPECIALI 20mm

trims 20mm / pièces spéciales 20mm / Formstücke 20mm

		Ivory flow	Silver flow	Gray flow	Dark flow
 <b>griglia*</b> 15x45cm / 6"x18" rett	GRIP	LGDK2Z2	LGDK2Z3	LGDK2Z1	LGDK2Z0
 <b>griglia angolare sx*</b> 15x45cm / 6"x18" rett	GRIP	LGDK2A5	LGDK2A7	LGDK2A3	LGDK2A1
 <b>griglia angolare dx*</b> 15x45cm / 6"x18" rett	GRIP	LGDK2A4	LGDK2A6	LGDK2A2	LGDK2A0
 <b>costa toro*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2F2	LGFK2F3	LGFK2F1	LGFK2F0
 <b>costa toro angolare sx*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2K5	LGFK2K7	LGFK2K3	LGFK2K1
 <b>costa toro angolare dx*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2K4	LGFK2K6	LGFK2K2	LGFK2K0
 <b>costa retta*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2C2	LGFK2C3	LGFK2C1	LGFK2C0
 <b>costa retta angolare sx*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2D5	LGFK2D7	LGFK2D3	LGFK2D1
 <b>costa retta angolare dx*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2D4	LGFK2D6	LGFK2D2	LGFK2D0
 <b>costa toro step*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2J2	LGFK2J3	LGFK2J1	LGFK2J0
 <b>costa retta step*</b> 30x90cm / 12"x36" rett	GRIP	LGFK2G2	LGFK2G3	LGFK2G1	LGFK2G0

## WATERFALL


## IMBALLI









packing / emballage / Verpackung

ARTICOLO	SCATOLA			PALLET				
	cm	inch	pz.	mq	kg	scat.	mq	kg
fondo 5plus	100x300	39"x118"	1	3	34,5	13	39	448,5
fondo 5plus	100x100	39"x39"	2	2	23	25	50	575
fondo 5plus	50x100	19 <sup>1/2</sup> "x39"	3	1,50	17,3	32	48	552
fondo 10,5mm	60x120	24"x48"	2	1,44	35,5	15	21,6	532,5
fondo 10,5mm	90x90	36"x36"	2	1,62	40	40	64,8	1600
fondo 10,5mm	45x90	18"x36"	3	1,22	30	30	36,5	900
fondo 20mm	45x90	18"x36"	2	0,81	36,2	24	19,4	869,5
fondo 10,5mm	60x60	24"x24"	4	1,44	32,5	32	46,1	1040
fondo 10,5mm grip	60x60	24"x24"	4	1,44	33	32	46,1	1056
fondo 20mm	60x60	24"x24"	2	0,72	32,5	32	23	1040
fondo 10,5mm	30x60	12"x24"	8	1,44	32,5	32	46,1	1040
muretto	30x60	12"x24"	4	0,72	15,6	30	21,6	468
muretto 3D	30x60	12"x24"	4	0,68	18,2	30	20,5	546
brick	30x60	12"x24"	4	0,72	15,6	30	21,6	468
mosaico 36	30x30	12"x12"	5	0,45	10	60	27	600
gramma 72	49,8x16,9	19 <sup>1/2</sup> "x6 <sup>5/8</sup> "	14	1,01	23	32	32,3	736
gramma 66	39,2x19,5	15 <sup>3/8</sup> "x7 <sup>5/8</sup> "	10	0,66	16,5	40	26,4	660
gramma 16	19,5x9,7	7 <sup>5/8</sup> "x3 <sup>3/4</sup> "	14	0,22	5,6	80	17,9	448
battiscopa	10x60	4"x24"	12	7,2 m.l.	16	60	432,0 m.l.	960
gradino plus	35x120	13 <sup>3/4</sup> "x48"	2	0,84	23,2	16	13,4	371,2
angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	12,4	16	6,7	198,4
gradino plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	21,2	16	13,4	339,2
angolo gradino plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	2	0,25	6,7	36	8,8	241,2
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	480
griglia angolare	15x45	6"x18"	4	0,23	10	48	10,8	480

## IMPIEGHI GRÈS PORCELLANATO


uses / emploi / Anwendungsbereiche









 10,5mm

IMPIEGHI uses / emploi / Anwendungsbereiche	
 <b>alberghi</b> hotels hotels hotels	 <b>locali pubblici</b> public spaces lieux publics öffentliche bereiche
 <b>abitazioni</b> housing maisons wohnbereiche	 <b>aeroporti</b> airports aéroports flughafen
 <b>bar - ristoranti</b> bar - restaurants bar - restaurants cafés - restaurants, gasthäuser	 <b>centri commerciali</b> malls centre commerciaux einkaufszentren
 <b>negozi</b> shops magasins geschäfte	 <b>stazioni</b> train stations gares bahnhöfe

## IMPIEGHI SYSTEM L2

uses / emploi / Anwendungsbereiche

 20mm











IMPIEGHI 20mm uses / emploi / Anwendungsbereiche	
 <b>violetti</b> walkways allées Kleine Wege	 <b>parcheggi</b> parking areas parkings Parkplätze
 <b>parchi pubblici - giardini</b> public parks - gardens parcs publics et jardins Öffentliche Parks und Gärten	 <b>terrazze</b> terraces terrasses Terrassen
 <b>camminamenti piscine</b> pool decks voies piétonnes et piscines Wege und Schwimmbäder	 <b>zone industriali</b> industrial areas zones industrielles Industriebereiche
 <b>stabilimenti balneari</b> beach resorts établissements balnéaires Badeanstalten	 <b>aree urbane</b> urban areas zones urbaines Stadtbereiche

Per una maggiore variabilità grafica della superficie da rivestire, si consiglia di miscelare il prodotto in fase di posa.  
 Le diverse e numerose facce del prodotto sono imballate secondo una logica randomizzata per garantire la massima variabilità in ogni collo.  
 For a better graphic variation of the surface, we recommend to mix the product during installation.  
 The diverse and numerous graphics of the product are randomly packaged to guarantee the best possible variation within each box.

## DESTINAZIONI D'USO

Intended uses



 <b>POSA A PAVIMENTO FLOOR INSTALLATION</b>				 <b>POSA A PARETE WALL INSTALLATION</b>			
 <b>IN INTERNO</b>				 <b>IN ESTERNO</b>			
 <b>IN INTERNO</b>				 <b>IN ESTERNO</b>			
Prodotti con finiture particolari possono prevedere limitazioni nelle destinazioni d'uso. Verificare nei singoli cataloghi di collezione.  Products with special finishes can have limitations depending on their area of application. Refer to specific collection catalogues.							
Situazioni applicative sia per interventi di NUOVA COSTRUZIONE che di RISTRUTTURAZIONI con posa in sovrapposizione a pavimenti preesistenti.				A condizione che le superfici siano coperte (es. logge, balconi coperti, ecc.) e perfettamente impermeabilizzate. Si consiglia l'utilizzo di formati con lati non superiori a 100 cm.			
<b>RESIDENZIALE</b> (cucine, bagni, living, aree comuni condominiali ed ogni altro ambiente di uso residenziale). <b>slimtech 5plus</b>				<b>COMMERCIALE LEGGERO</b> (uffici, uffici aperti al pubblico, sale d'attesa, negozi, bagni, sale di ristoranti, autosaloni, bar, cinema, ambulatori/cliniche). <b>slimtech 5plus</b>			
<b>COMMERCIALE INTENSIVO</b> (aree comuni di centri commerciali, hall di alberghi, mense, fast food, discoteche, ospedali) ad esclusione di zone sottoposte al passaggio di carichi pesanti concentrati (ad es. carrelli a ruote dure). <b>slimtech 5plus</b>				Situazioni applicative sia per interventi di NUOVA COSTRUZIONE che di RISTRUTTURAZIONI con posa in sovrapposizione a rivestimenti preesistenti.			
<b>INTERIORS</b>				<b>EXTERIORS</b>			
For NEW BUILDINGS and REFURBISHING, for installation on pre-existing floors.				Upon condition that surfaces are sheltered (e.g. loggias, covered balconies, etc.) and made totally impervious. We recommend the use of sizes that have sides not exceeding 100 cm.			
<b>RESIDENTIAL</b> (kitchens, bathrooms, living rooms, common apartment block areas and any other residential environment). <b>slimtech 5plus</b>				<b>INTENSIVE COMMERCIAL</b> (common areas of shopping centres, hotel halls, canteens, fast food restaurants, dance clubs, hospitals) with the exception of areas subject to heavy concentrated loads (e.g. trolleys with hard wheels). <b>slimtech 5plus</b>			
<b>LIGHT COMMERCIAL</b> (offices, offices open to the general public, waiting rooms, shops, bathrooms, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics). <b>slimtech 5plus</b>				For NEW BUILDINGS and REFURBISHING, for installation on pre-existing walls.			
<b>EXTERIORS</b>				<b>EXTERIORS</b>			
Any residential and commercial environment. <b>slimtech 5plus</b>				Any residential and commercial environment. <b>slimtech 5plus</b>			
<b>DESTINAZIONI SPECIALI SPECIAL USES</b>							
 <b>FACCIATE VENTILATE</b>		 <b>RIVESTIMENTI TERMICI A CAPPOTTO</b>		 <b>RIVESTIMENTI VASCHE E PISCINE</b>		 <b>SUPERFICI DA RIVESTIRE NEL SETTORE DELL'ARREDAMENTO</b>	
<b>slimtech 5plus</b>		<b>slimtech 5plus</b>		<b>slimtech 5plus</b>		<b>slimtech 5plus</b>	
In funzione delle specifiche del progetto, in abbinamento a sistemi costruttivi indicati da Panariagroup e approvati dalla Direzione Lavori.							
<b>VENTILATED FAÇADES</b>		<b>EXTERNAL WALL THERMAL INSULATION SYSTEM</b>		<b>BATHTUBS AND SWIMMING POOL CLADDING</b>		<b>FOR FURNITURE SURFACES</b>	
<b>slimtech 5plus</b>		<b>slimtech 5plus</b>		<b>slimtech 5plus</b>		<b>slimtech 5plus</b>	
Depending on project specifications and in combination with the construction systems recommended by Panariagroup and approved by the Installation Supervisor.							



gres laminato / laminated porcelain / grès laminé / laminiertes Feinsteinzeug

SPESSORE | THICKNESS | EPAISSEUR | STÄRKE

**5plus**

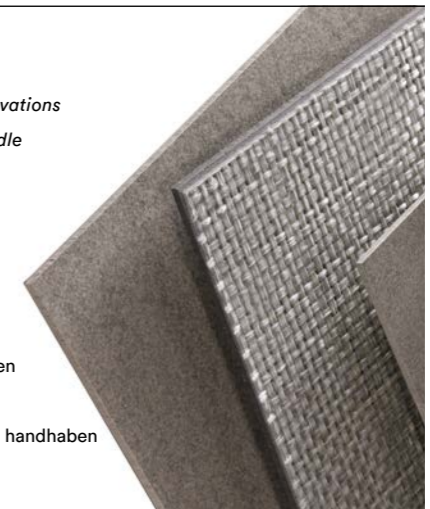
rinforzata con stuoia in fibra di vetro, per rivestimenti e pavimenti ad alto traffico /  
 reinforced with a sheet of fiberglass, for wall cladding and high traffic floor applications /  
 renforcé au dos par une natte en fibre de verre, pour revêtements de sols au passage intensif et de murs /  
 mit Glasfasermatte verstärkt, für Wand stark frequentierte Böden geeignet /

**GRES LAMINATO RINFORZATO CON FIBRA DI VETRO UN PRODOTTO SUPERIORE**

**laminated porcelain stoneware reinforced with fibreglass a superior product / grès cérame laminé, renforcé avec de la fibre de verre un produit supérieur / mit Glasfasern verstärktes Feinsteinzeug ein qualitätsprodukt**

- Più resistente
- Più affidabile
- Più leggero e adatto alle ristrutturazioni
- Più facile da lavorare e movimentare
- Più sicuro
- Più flessibile
- *More resistant*
- *More reliable*
- *Lighter and suitable for renovations*
- *Easier to work with and handle*
- *Safer*
- *More flexible*

- Plus résistant
- Plus fiable
- Plus léger et adapté aux projets de restructurations
- Plus facile à travailler et à déplacer
- Plus sûr
- Plus flexible
- Widerstandsfähiger
- Zuverlässiger
- Leichter und für Renovierungen geeignet
- Leichter zu bearbeiten und zu handhaben
- Sicherer
- Biegsamer



## WATERFALL

## CARATTERISTICHE TECNICHE

technical characteristics / caractéristiques techniques / Technische eigenschaften



lastra + fibra di vetro / slab + fiberglass

gres porcellanato laminato UGL / laminated porcelain stoneware UGL

conforme / according to: ISO 13006 G (Gruppo/Group Bla) - EN 14411 G (Gruppo/Group Bla), ANSI A137.3

spessore 5,5mm  
thickness

	metodo di prova test method	requisiti prescritti required values	valori medi average values
<b>assorbimento d'acqua</b> water absorption	ISO 10545-3 ASTM C373	≤ 0,5%	0,1%(*)
<b>resistenza alla flessione</b> modulus of rupture	ISO 10545-4 ASTM C1505	≥ 35 N/mm <sup>2</sup> ≥ 6000 PSI	≥ 50 N/mm <sup>2</sup> ≥ 6000 PSI
<b>resistenza all'abrasione profonda</b> résistance to deep abrasion	ISO 10545-6 ASTM C1243	≤ 175 mm <sup>3</sup>	CONFORME / CONFORMS
<b>dilatazione termica lineare</b> linear thermal expansion	ISO 10545-8 ASTM C372	requisito non previsto no provision	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$ / $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
<b>resistenza alle macchie</b> stain resistance	ISO 10545-14 ASTM C1378	Classe / Class 3 Min. as indicated by manufacturer	5 RESISTENTE / RESISTANT Class A RESISTANT
<b>resistenza all'attacco chimico (**)</b> chemical resistance (**)	ISO 10545-13 ASTM C650	come indicato dal produttore as indicated by manufacturer	ULA - UHA RESISTENTE / RESISTANT Class A RESISTANT
<b>resistenza al gelo</b> frost resistance	ISO 10545-12 ASTM C1026	nessuna alterazione / no alteration as indicated by manufacturer	RESISTENTE / RESISTANT RESISTANT
<b>resistenza allo scivolamento</b> slip resistance	DIN 51130 BCR-TORTUS ANSI A137.1	- - DCOF ≥ 0.42	R10 $\mu > 0,40$ ≥ 0.42
<b>reazione al fuoco</b> fire reaction flame spread	EN 13823 EN 9239-1 ASTM E84	Reg. 305/2011, Dec. 2000/147/CE, UNI EN 13501-1 no provision	Classe / Class A2-s1,d0 (wall) Classe / Class A2fl-s1 (floor) Class A
<b>robinson floor tester</b>	ASTM C627	come indicato dal produttore as indicated by manufacturer	≥ 12 cycles Heavy Commercial (over concrete)
<b>conducibilità termica</b> thermal conductivity	EN 12524	-	$\lambda = 1,3 \text{ W/m}^\circ \text{ k} / 0.7 \text{ BTU/ft h}^\circ \text{ F}$
<b>stonalizzazione</b> shade variation	ANSI A 137.3	come indicato dal produttore as indicated by manufacturer	V3 VARIAZIONI MODERATE / MODERATE VARIATION

fuga minima consigliata: vedi Manuale Tecnico Slimtech / minimum suggested joint: refer to Slimtech Technical Manual

(\*) valore medio riferito al solo materiale ceramico / average value referred to ceramic material only

(\*\*) ad esclusione dell'acido fluoridrico e derivati / excluding hydrofluoric acid and its derivatives

## CARATTERISTICHE TECNICHE

technical characteristics / caractéristiques techniques / Technische eigenschaften

gres porcellanato 10,5mm

SYSTEM L2 20mm

gres tutta massa UGL / full-body porcelain UGL

conforme / according to: ISO 13006 G (Gruppo/Group Bla) - EN 14411 G (Gruppo/Group Bla), ANSI A137.1 (P1 Class)

spessore 10,5mm / 20mm  
thickness

	metodo di prova test method	requisiti prescritti required values	valori medi average values
<b>assorbimento d'acqua</b> water absorption	ISO 10545-3 ASTM C373	≤ 0,5%	0,05%
<b>sforzamento di rottura S</b> breaking strength	ISO 10545-4 ASTM C648	≥ 1300 N/mm <sup>2</sup> ≥ 250 lbf	2500 N (10,5mm) / 13600 N (20mm) 250 lbf (10,5mm) / 2800 lbf (20mm)
<b>resistenza alla flessione</b> modulus of rupture	ISO 10545-4 ASTM C1505	≥ 35 N/mm <sup>2</sup> no provision	50 N/mm <sup>2</sup> 6000 PSI
<b>resistenza all'abrasione profonda</b> résistance to deep abrasion	ISO 10545-6 ASTM C1243	≤ 175 mm <sup>3</sup>	145 mm <sup>3</sup>
<b>dilatazione termica lineare</b> linear thermal expansion	ISO 10545-8 ASTM C372	requisito non previsto no provision	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$ / $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
<b>resistenza alle macchie</b> stain resistance	ISO 10545-14 ASTM C1378	Classe / Class 3 Min. as indicated by manufacturer	5 RESISTENTE / RESISTANT Class A RESISTANT
<b>resistenza all'attacco chimico (**)</b> chemical resistance (**)	ISO 10545-13 ASTM C650	come indicato dal produttore as indicated by manufacturer	ULA - UHA RESISTENTE / RESISTANT Class A RESISTANT
<b>resistenza al gelo</b> frost resistance	ISO 10545-12 ASTM C1026	nessuna alterazione / no alteration as indicated by manufacturer	RESISTENTE / RESISTANT RESISTANT
<b>resistenza allo scivolamento</b> slip resistance	DIN 51130 DIN 51097 BCR-TORTUS ANSI A137.1 AS-NZS 4586 BS 7976-2	- - Rif. DM 236 del 14.06.1989 DCOF ≥ 0.42 -	R10 (nat.) / R11 (grip - 20mm) B (A+B) (nat.) / C (A+B+C) (grip - 20mm) $\mu > 0,40$ (nat. - grip - 20mm) ≥ 0.42 (nat. - grip - 20mm) P3 (X) / P4 (W) (grip - 20mm) slider 96:36+ wet (nat. - grip - 20mm)
<b>reazione al fuoco</b> fire reaction flame spread	EN 13823 EN 9239-1 ASTM E84	Reg. 305/2011, Dec. 2000/147/CE, UNI EN 13501-1 no provision	Classe / Class A1 (wall) Classe / Class A1fl (floor) Class A
<b>robinson floor tester</b>	ASTM C627	come indicato dal produttore as indicated by manufacturer	≥ 14 cycles Extra Heavy Commercial (over concrete)
<b>conducibilità termica</b> thermal conductivity	EN 12524	-	$\lambda = 1,3 \text{ W/m}^\circ \text{ k} / 0.7 \text{ BTU/ft h}^\circ \text{ F}$
<b>fuga minima consigliata (***)</b> recommended minimum joint (***)	RETT-RECT (indoor) ESTERNO / OUTDOOR	- -	2mm 5mm circa / approx.
<b>stonalizzazione</b> shade variation	ANSI A137.1	come indicato dal produttore as indicated by manufacturer	V3 VARIAZIONI MODERATE / MODERATE VARIATION

(\*\*) ad esclusione dell'acido fluoridrico e derivati / excluding hydrofluoric acid and its derivatives

(\*\*\*) salvo diversa indicazione dei Codici di Posa Nazionali. La larghezza delle fughe deve comunque essere decisa dalla Direzione Lavori  
the width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards

# CERTIFICAZIONI

certifications / certifications / Prüfzeugnisse



ISO 14001



ISO 9001



emas

LEA CERAMICHE

40%



RECYCLED CERAMIC CONTENT  
(PRE-CONSUMER WASTE/RESIDUE)  
LEED-COMPLIANT CREDIT MR 6

leed\*\*



Le DOP sono disponibili sul sito internet [www.ceramichelea.it](http://www.ceramichelea.it)  
DOP are available on the website [www.ceramichelea.it](http://www.ceramichelea.it)

marchio CE



leed\*

\*  
LEED

Lea Ceramiche, è membro di GBC Italia, organizzazione che promuove sul territorio italiano la realizzazione di edifici 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: this is an organization that promotes buildings that are environmentally responsible, profitable and healthy places to live and work.

\*\*  
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Il contenuto di materiale riciclato "pre-consumo" della serie Waterfall in spessore 10,5 e 20mm è del 40%, come certificato da ente esterno qualificato (certificato disponibile sul sito [www.ceramichelea.com](http://www.ceramichelea.com)).  
The "pre-consumption" recycled material of the 10.5 and 20mm thick Waterfall series comprises 40% of the material as certified by a qualified external body (certificate available at [www.ceramichelea.com](http://www.ceramichelea.com)).



ADIMEMBER





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