

# Waterfall.



**LEA**  
CERAMICHE

# Waterfall.

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CERAMICHE



# 01.

Materia plasmata dal tempo, in continuo mutamento.

Material modelled by time, continuously changing.



# Introduction.

Waterfall è materia che cambia: è una sfida al tempo e agli elementi, perché dal tempo e dagli elementi si lascia plasmare senza sosta. Ispirata all'ardesia, Waterfall coglie il sedimento roccioso nel suo massimo grado estetico, quando texture e colore, venature e irregolarità formano un tutto armonico.

Molto più di una collezione ceramica, Waterfall è un sistema di superfici sviluppato in 3 tecnologie produttive e in altrettanti spessori, per infinite possibilità applicative.

Dalle lastre sottili 100x300 cm di Slimtech fino alle superfici per esterno in 2 cm di spessore di L2, ogni esigenza progettuale trova risposta: facciate, pavimenti e rivestimenti interni ed esterni, zone ad alto calpestio, aree carrabili e bordi piscina.

Waterfall is material that changes: it is a challenge against time and the elements, because it lets itself be continuously modelled by time and the elements. Inspired by slate, Waterfall embraces the rocky sediment in its supreme aesthetic expression, when textures and colours, veining and irregularities come together in harmony.

So much more than a ceramic collection, Waterfall is a system of surfaces developed in 3 production technologies and just as many thicknesses, for infinite applicative possibilities.

From the thin Slimtech 100x300 cm slabs to the 2 cm thick outdoor surfaces of L2, satisfying all design requirements: façades, flooring, internal and outdoor coverings, high traffic areas, driveways and pool edges.





# 02.



## Colori Slimtech / Slimtech Colors

- 01. Ivory Flow
- 02. Silver Flow
- 03. Gray Flow
- 04. Dark Flow

Materiale / Material  
Gres porcellanato laminato /  
Laminated porcelain stoneware

5,5 mm

## Finiture / Finishes

nat

## Formati / Sizes

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



## Colori Gres / Stoneware Colors

- 01. Ivory Flow
- 02. Silver Flow
- 03. Gray Flow
- 04. Dark Flow

Materiali / Materials  
Gres porcellanato /  
Porcelain stoneware

9,5mm

## Finiture / Finishes

nat  
lapp  
grip

## Formati / Sizes

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

## Formati speciali / Special sizes

- Gamma 72  
49,8x14,5cm 19<sup>1/2</sup>"x5<sup>3/4</sup>"
- Gamma 66 sx/dx  
16,9x39,2cm 6<sup>5/8</sup>"x15<sup>3/8</sup>"
- Gamma 16 sx/dx  
8,3x19,5cm 3<sup>1/4</sup>"x7<sup>5/8</sup>"

Gres spessorato L2 /  
Extra thick porcelain  
stoneware L2 - 20mm

## Formati / Sizes

- |         |         |
|---------|---------|
| 60x60cm | 24"x24" |
| 90x90cm | 36"x36" |
| 45x90cm | 18"x36" |

# Colors.





## Mosaici / Mosaics

- 01. Mosaico 36
- 02. Muretto
- 03. Mosaico 3D
- 04. Brick

Materiale / Material  
Gres porcellanato /  
Porcelain stoneware  
9,5mm

## Formato / Size

Mosaico 36	
30x30 cm	12"x12"
Mosaico 3D	
30x60 cm	12"x24"
Muretto	
30x60 cm	12"x24"
Brick	
30x60 cm	12"x24"

Le infinite combinazioni di colori, superfici e spessori di questa collezione 3-Tech Project si arricchiscono di quattro mosaici su rete: le intramontabili tessere quadrate, il muretto di listelli sfalsati in modo irregolare e il classico mattone posato al mezzo; fino al Mosaico 3D, disposto su più livelli, dal marcato effetto di tridimensionalità.

The infinite combinations of colours, surfaces and thicknesses of this 3-Tech Project collection are enriched by four mesh-mounted mosaics: the timeless square tiles, the wall of irregularly offset listels and the classic middle laid brick; right up to the 3D Mosaic arranged on several levels, with a distinct three-dimensional effect.

## Mosaics.







03.

# The Collection.

03a.

Ivory Flow.

WALL  
Ivory Flow 100x300  
Dark Flow 100x300

FLOOR  
Gray Flow 100x100





Ivory Flow declina il riferimento naturale in un caldo e luminoso color avorio che asseconda il temperamento della luce. Perfetto nella continuità cromatica di pavimento e rivestimento, Ivory Flow è protagonista anche di abbinamenti più ricercati con gli altri colori della collezione.

Ivory Flow expresses natural reference in a warm and luminous ivory colour which indulges the temperament of light. Perfect for colour continuity between floor and coverings, Ivory Flow also triumphs in the most original matchings, with other colours from the collection.

WALL  
Mosaico 3D Ivory Flow lapp

FLOOR  
Ivory Flow 90x90 nat



FLOOR  
Ivory Flow 90x90 nat

WALL  
Nest Etagonno + Triangolo 25



WALL  
Nest Etagonno + Triangolo 25

FLOOR  
Dark Flow 60x120 lapp



# 03b.

I tre grigi che completano la paletta colori, neutri e accordabili tra loro, scandiscono altrettante tappe del naturale processo di ossidazione della pietra, una materia che non cessa di evolvere. Nel massimo formato di Slimtech la sofisticata texture minerale trova la sua espressione più compiuta.

The three greys which complete the colour palette are neutral, combinable and express just as many steps in the natural stone oxidation process, a material which never stops evolving. The sophisticated mineral texture achieves its supreme expression in the maximum Slimtech format.

# Silver Flow.

WALL  
Silver Flow 100x300

FLOOR  
Silver Flow 100x300





FLOOR  
Silver Flow 100x300







Waterfall presenta una moderata variabilità cromatica che nei quattro mosaici disponibili si traduce in un piacevole alternarsi di sfumature. Luminoso e discreto, Silver Flow è un grigio privo di dominanti, adatto agli spazi residenziali più intimi come alle grandi superfici pubbliche.

Waterfall presents a moderate colour variability which in the four available mosaics translates into the pleasant alternation of shades. Luminous and discrete, Silver Flow is a non-dominant grey that is suitable for the most intimate residential interiors as well as large public surfaces.

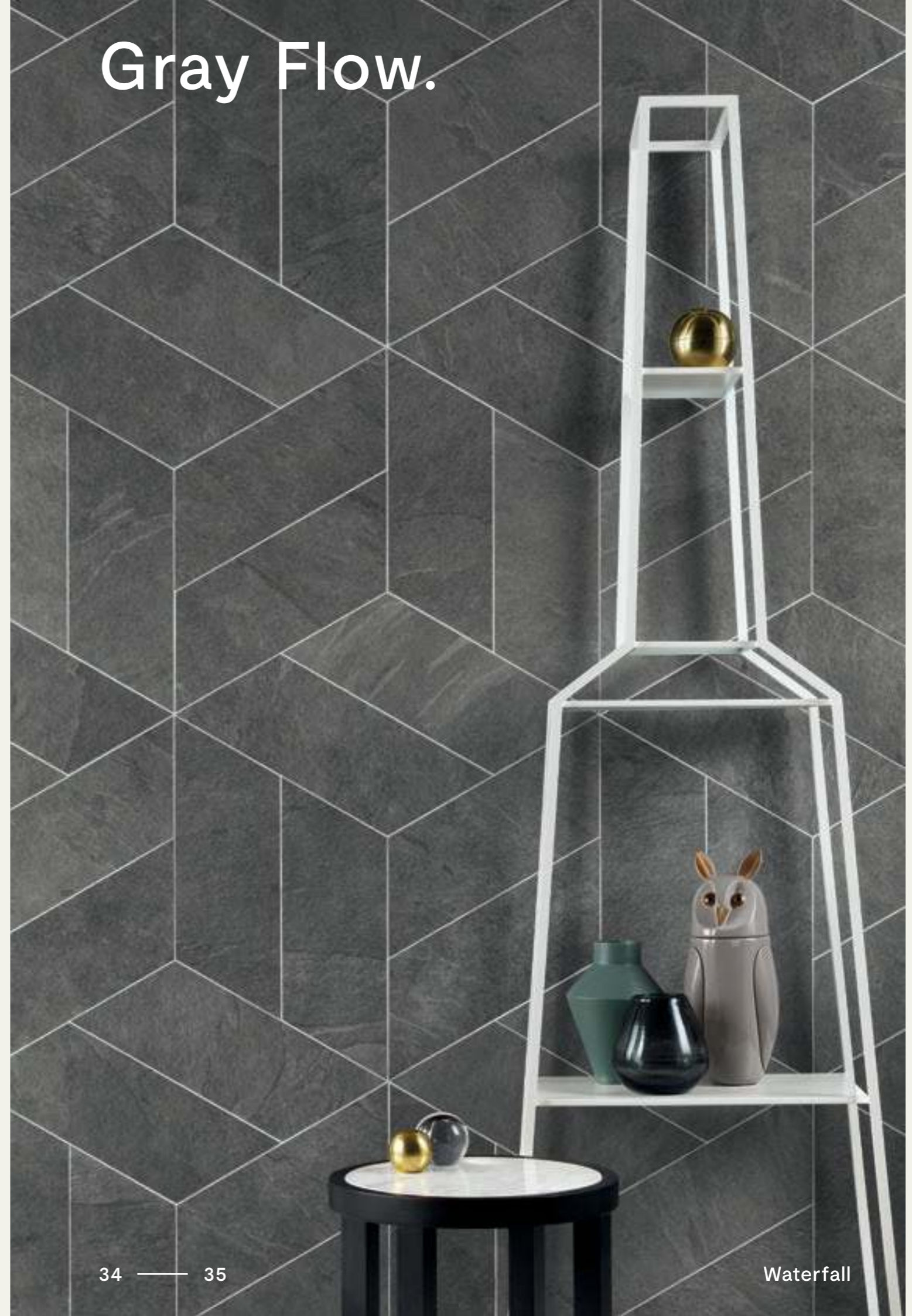


Silver Flow 60x120 nat

03c.

Gray Flow.

Twist - Gramma 66 dx Gray Flow





FLOOR  
Gray Flow 100x100

COUNTER  
Dark Flow 100x300

Gray Flow e Dark Flow, un intenso grigio e un antracite in cadenza perfetta, definiscono la personalità di ogni ambiente, unendo forza di carattere ed eleganza. Leggero e flessibile, versatile e resistente Slimtech estende il campo di applicazione della ceramica anche all'arredamento.

Gray Flow and Dark Flow, an intense grey and a perfectly cadenced anthracite, define the personality of all environments, combining strength of character and elegance. Lightweight and flexible, versatile and resistant, Slimtech extends the field of ceramic application to furniture too.

FLOOR  
Gray Flow 100x100

WALL  
Dark Flow 100x300

COUNTER  
Dark Flow 100x300





Chevron - Gramma 72 Gray Flow

# 03d.

Profondo ed elegante, Dark Flow è il colore che meglio interpreta lo spirito di questa collezione ispirata all'ardesia. Una pietra ceramica di assoluto realismo, stratificata e armonica, percorsa da suggestioni minerali attinte da pregiate quarziti brasiliane; in versione lappata si fa morbida al tatto e guadagna una pacata lucentezza.

Profound and elegant, Dark Flow is the colour which best interprets the spirit of this collection inspired by slate. A supremely realistic ceramic stone, stratified, harmonious and brimming with mineral suggestions drawn from refined Brazilian quartzites; in the honed version it is soft to the touch and characterised by a subtle shine.

# Dark Flow.

WALL  
Dark Flow 30x60 lapp  
Mosaico 36 Dark Flow lapp

FLOOR  
Dark Flow 60x60 lapp





Dark Flow 60x60 lapp



Mosaico 36 Dark Flow lapp





FLOOR  
Gray Flow 100x100

WALL  
Ivory Flow 100x300  
Dark Flow 100x300

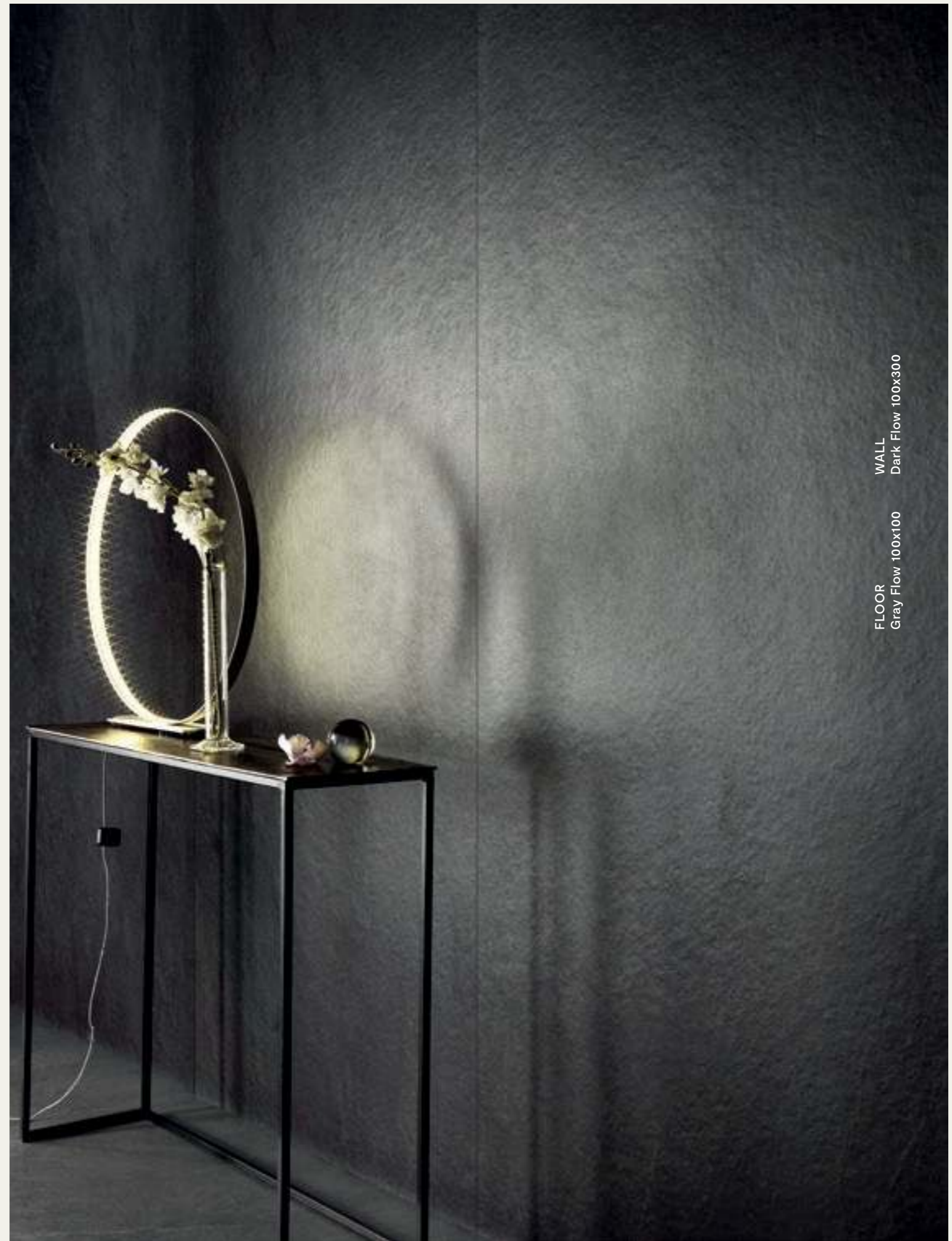
COUNTER  
Dark Flow 100x300



Come le altre composizioni a moduli sfusi, Basket combina parallelogrammi di misure e colori diversi, in contrasto più o meno marcato tra loro. L'intreccio che si viene a creare fonde movimenti opposti tra loro, in un decoro dalle proporzioni scenografiche che seduce lo sguardo.

As with the other unpackaged modules, Basket combines parallelograms of different sizes and colours which are more or less contrasting. The resulting weave incorporates opposite movements, in a decoration of scenographic proportions which captivates the gaze.

Dark Flow 60x120 lapp



FLOOR  
Dark Flow 100x100

WALL  
Dark Flow 100x300

# 03e.

Prodotto anche in tecnologia L2, Waterfall prevede soluzioni in 2 cm di spessore progettate per il design degli spazi outdoor. L'apposita superficie antiscivolo dei tre formati disponibili (fino al 90x90 cm) esalta il carattere minerale della collezione, rinsaldando l'antico legame tra architettura e contesto naturale.

L2 resiste al gelo e agli sbalzi termici, preserva materia e colore inalterati nel tempo e consente una perfetta coerenza estetica tra ambienti interni e spazi esterni.

Also produced in L2 technology, Waterfall is available in 2 cm thick solutions, designed for outdoor areas. The special anti-slip surface of all three available formats (up to 90x90 cm) exalts the collection's mineral character, reinforcing the ancient bond between architecture and natural surroundings.

L2 is resistant against the cold and temperature changes; it preserves material and colour which remain unaltered over time, and enables perfect aesthetic coherence between interiors and outdoor spaces.

# Outdoor.



Ivory Flow L2 45x90 grip - Silver Flow L2 special trims



Ivory Flow L2 45x90 grip - Silver Flow L2 special trims

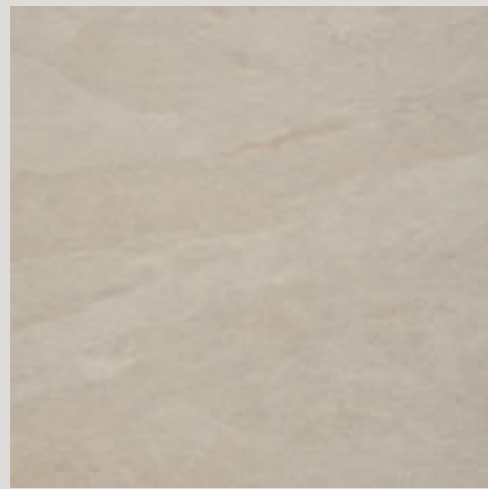


WALL  
Nest Etagonno + Triangolo 25

FLOOR  
Dark Flow 60x120 lapp

# Colori / Colors

Ivory Flow



Silver Flow



Gray Flow



Dark Flow



## Formati Slimtech / Slimtech Sizes <sup>LR7</sup>



Gres porcellanato laminato rinforzato con fibra di vetro  
/Laminated porcelain stoneware reinforced with fibreglass  
Spessore/thickness: 5,5mm / slimtech 5plus

**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL



50x100cm  
19<sup>1/2</sup>"x39"  
NAT

100x100cm  
39"x39"  
NAT

100x300cm  
39"x118"  
NAT

## Formati Gres / Stoneware Sizes <sup>LR7</sup>



Gres porcellanato / Porcelain stoneware  
Spessore/thickness: 9,5mm

**PROTECT**  
ANTIBATTERICO - ANTIMICROBIAL



30x60cm  
12"x24"  
NAT / LAPP

60x60cm  
24"x24"  
NAT / LAPP /  
GRIP

60x120cm  
24"x48"  
NAT / LAPP

45x90cm  
18"x36"  
NAT / LAPP

90x90cm  
36"x36"  
NAT / LAPP

### \*Spessore/thickness: 20mm



60x60cm  
24"x24"  
GRIP

90x90cm  
36"x36"  
GRIP

45x90cm  
18"x36"  
GRIP

\* Protezione antibatterica non presente  
No antimicrobial protection

## Finiture / Finishes

### Nat



residenziale  
residential



commerciale leggero  
light commercial



commerciale intensivo  
intensive commercial

## Finiture / Finishes

### Nat



residenziale  
residential



commerciale leggero  
light commercial



commerciale intensivo  
intensive commercial

### Lapp



residenziale  
residential



commerciale leggero  
light commercial



commerciale intensivo  
intensive commercial

### Grip



esterno  
outdoor

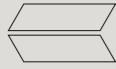


## Formati speciali / Special sizes



### Gramma 72\*

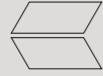
Ivory Flow  
Silver Flow  
Gray Flow  
Dark Flow



14,5x49,8cm  
5<sup>45/64</sup>"x19<sup>1/2</sup>"  
NAT

### Gramma 66 sx/dx\*

Ivory Flow  
Silver Flow  
Gray Flow  
Dark Flow



16,9x39,2cm  
6<sup>5/8</sup>"x15<sup>3/8</sup>"  
NAT

### Gramma 16 sx/dx\*

Ivory Flow  
Silver Flow  
Gray Flow  
Dark Flow



8,3x19,5cm  
3<sup>1/4</sup>"x7<sup>5/8</sup>"  
NAT

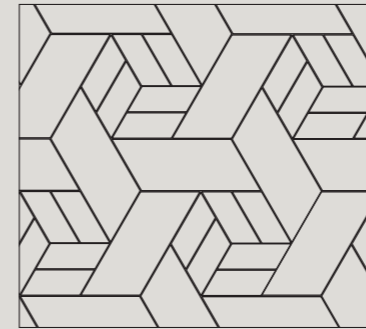
\* Realizzato con sistema di taglio a disco senza bisello. L'eventuale presenza di leggere irregolarità del bordo o di scostamenti dimensionali fino ad 1 mm è da ritenersi conforme.

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.

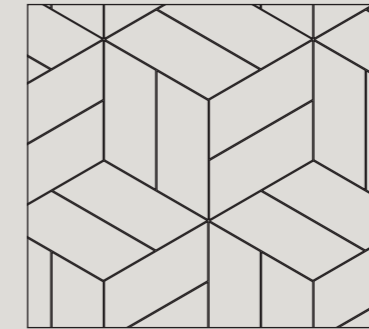
Réalisé avec un système de découpe à disque sans biseau. L'éventuelle présence de légères irrégularités du bord ou de différences de dimension jusqu'à 1 mm est tout à fait conforme.

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

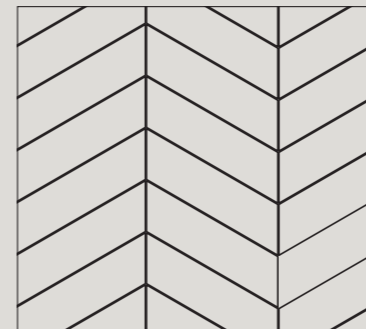
## Composizioni a moduli sfusi / Tile layouts in loose modules



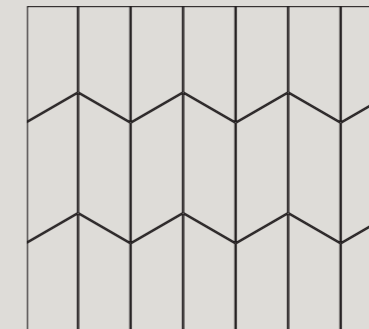
BASKET\* Gramma 66 SX 67%  
Gramma 16 DX 33%



TWIST\* Gramma 66 DX 100%



CHEVRON\* Gramma 72 100%

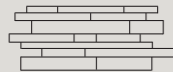


ARROW\* Gramma 66 DX 50% - SX 50%

## Mosaici / Mosaics

### Muretto

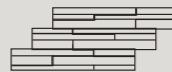
Ivory Flow  
Silver Flow  
Gray Flow  
Dark Flow



30x60 cm  
12"x24"  
NAT / LAPP

### Muretto 3D

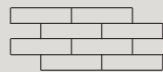
Ivory Flow  
Silver Flow  
Gray Flow  
Dark Flow



30x60 cm  
12"x24"  
NAT / LAPP

### Brick

Ivory Flow  
Silver Flow  
Gray Flow  
Dark Flow



30x60 cm  
12"x24"  
NAT / LAPP












### Mosaico 36

Ivory Flow  
Silver Flow  
Gray Flow  
Dark Flow








30x30 cm  
12"x12"  
NAT





## Fondi / Plain tiles

		Ivory Flow	Silver Flow	Gray Flow	Dark Flow	
100x300cm 39"x118"	 5,5mm	LSAWF20	LSAWF30	LSAWF10	LSAWF00	
100x100cm 39"x39"	 5,5mm	LSCWF20	LSCWF30	LSCWF10	LSCWF00	
50x100cm 19 1/2"x39"	 5,5mm	LS9WF20	LS9WF30	LS9WF10	LS9WF00	
60x120cm 24"x48"	 9,5mm	NAT	LGXWF20	LGXWF30	LGXWF10	LGXWF00
		LAPP	LGXWFX2	LGXWFX3	LGXWFX1	LGXWFX0
60x60cm 24"x24"	 9,5mm	NAT	LGWWFN2	LGWWFN3	LGWWFN1	LGWWFN0
		LAPP	LGWWFX2	LGWWFX3	LGWWFX1	LGWWFX0
		GRIP	LGWWF20	LGWWF30	LGWWF10	LGWWF00
30x60cm 12"x24"	 9,5mm	NAT	LGVWFN2	LGVWFN3	LGVWFN1	LGVWFN0
		LAPP	LGVWFX2	LGVWFX3	LGVWFX1	LGVWFX0
90x90cm 36"x36"	 9,5mm	NAT	LGGWFN2	LGGWFN3	LGGWFN1	LGGWFN0
		LAPP	LG9WFX2	LG9WFX3	LG9WFX1	LG9WFX0
45x90cm 18"x36"	 9,5mm	NAT	LGGWFN2	LGGWFN3	LGGWFN1	LGGWFN0
		LAPP	LGGWFX2	LGGWFX3	LGGWFX1	LGGWFX0
60x60cm 24"x24"	 20mm	GRIP	LGWK2W5	LGWK2W3	LGWWF36	LGWK2W1
90x90cm 36"x36"	 20mm	GRIP	LG9K220	LG9K230	LG9K210	LG9K200
45x90cm 18"x36"	 20mm	GRIP	LGGK220	LGGK230	LGGK210	LGGK200

## Formati speciali / Special sizes

		Ivory Flow	Silver Flow	Gray Flow	Dark Flow
Gamma 72 14,5x49,8cm 5 45/64"x19 1/2"	 9,5mm NAT	LGZWF22	LGZWF23	LGZWF21	LGZWF20
Gamma 66 sx 16,9x39,2cm 6 5/8"x15 3/8"	 9,5mm NAT	LGZWFS2	LGZWFS3	LGZWFS1	LGZWFS0
Gamma 66 dx 16,9x39,2cm 6 5/8"x15 3/8"	 9,5mm NAT	LGZWF22	LGZWF23	LGZWF21	LGZWF20
Gamma 16 sx 8,3x19,5cm 3 1/4"x7 5/8"	 9,5mm NAT	LGOWFS2	LGOWFS3	LGOWFS1	LGOWFS0
Gamma 16 dx 8,3x19,5cm 3 1/4"x7 5/8"	 9,5mm NAT	LGOWFD2	LGOWFD3	LGOWFD1	LGOWFD0

## Mosaici / Mosaics

		Ivory Flow	Silver Flow	Gray Flow	Dark Flow	
Muretto	 30x60cm 12"x24"	NAT	LG9WFM7	LG9WFM8	LG9WFM6	LG9WFM5
		LAPP	LG9WFM2	LG9WFM3	LG9WFM1	LG9WFM0
Muretto 3D	 30x60cm 12"x24"	NAT	LGVWFD7	LGVWFD8	LGVWFD6	LGVWFD5
		LAPP	LGVWFD2	LGVWFD3	LGVWFD1	LGVWFD0
Brick	 30x60cm 12"x24"	NAT	LGVWF25	LGVWF35	LGVWF15	LGVWF05
		LAPP	LGVWF20	LGVWF30	LGVWF10	LGVWF00
Mosaico 36	 30x30cm 12"x12"	NAT	LGCWF25	LGCWF35	LGCWF15	LGCWF05
		LAPP	LGCWF20	LGCWF30	LGCWF10	LGCWF00

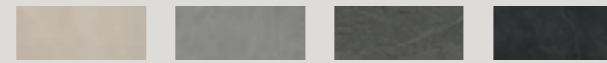
\*superfici mixate: nat + dot + line + mark / Mixed surfaces: nat + dot + line + mark







## Pezzi Speciali / Trims

Spessore/thickness: 9,5mm

 gres porcellanato

Ivory Flow Silver Flow Gray Flow Dark Flow



Sezione gradino 4cm / 1 <sup>9</sup> / <sub>16</sub> "							
Battiscopa		10x60cm 4"x24" rett	NAT	LGBWFN2	LGBWFN3	LGBWFN1	LGBWFN0
			LAPP	LGBWFL2	LGBWFL3	LGBWFL1	LGBWFL0
Gradino Plus*		35x120cm 13 <sup>3</sup> / <sub>4</sub> "x48" rett	NAT	LG8WF20	LG8WF30	LG8WF10	LG8WF00
			LAPP	LG8WF70	LG8WF80	LG8WF60	LG8WF50
Angolo dx Gradino Plus*		35x120cm 13 <sup>3</sup> / <sub>4</sub> "x48" rett	NAT	LG8WF21	LG8WF31	LG8WF11	LG8WF01
			LAPP	LG8WF71	LG8WF81	LG8WF61	LG8WF51
Angolo sx Gradino Plus*		35x120cm 13 <sup>3</sup> / <sub>4</sub> "x48" rett	NAT	LG8WF22	LG8WF32	LG8WF12	LG8WF02
			LAPP	LG8WF72	LG8WF82	LG8WF62	LG8WF52
Gradino Plus*		35x60cm 13 <sup>3</sup> / <sub>4</sub> "x24" rett	GRIP	LG2WF20	LG2WF30	LG2WF10	LG2WF00
Angolo Gradino Plus*		35x60cm 13 <sup>3</sup> / <sub>4</sub> "x24" rett	GRIP	LG2WF21	LG2WF31	LG2WF11	LG2WF01












## Pezzi Speciali / Trims

Spessore/thickness: 20mm

 L2

Ivory Flow Silver Flow Gray Flow Dark Flow



Griglia*		15x45cm 6"x18" rett	GRIP	LGDK2Z2	LGDK2Z3	LGDK2Z1	LGDK2Z0
Griglia Angolare sx*		15x45cm 6"x18" rett	GRIP	LGDK2A5	LGDK2A7	LGDK2A3	LGDK2A1
Griglia Angolare dx*		15x45cm 6"x18" rett	GRIP	LGDK2A4	LGDK2A6	LGDK2A2	LGDK2A0
Costa Toro*		30x90cm 12"x36" rett	GRIP	LGFK2F2	LGFK2F3	LGFK2F1	LGFK2F0
Costa Toro Angolare sx*		30x90cm 12"x36" rett	GRIP	LGFK2K5	LGFK2K7	LGFK2K3	LGFK2K1
Costa Toro Angolare dx*		30x90cm 12"x36" rett	GRIP	LGFK2K4	LGFK2K6	LGFK2K2	LGFK2K0
Costa Retta*		30x90cm 12"x36" rett	GRIP	LGFK2C2	LGFK2C3	LGFK2C1	LGFK2C0
Costa Retta Angolare sx*		30x90cm 12"x36" rett	GRIP	LGFK2D5	LGFK2D7	LGFK2D3	LGFK2D1
Costa Retta Angolare dx*		30x90cm 12"x36" rett	GRIP	LGFK2D4	LGFK2D6	LGFK2D2	LGFK2D0
Costa Toro Step*		30x90cm 12"x36" rett	GRIP	LGFK2J2	LGFK2J3	LGFK2J1	LGFK2J0
Costa Retta Step*		30x90cm 12"x36" rett	GRIP	LGFK2G2	LGFK2G3	LGFK2G1	LGFK2G0

\* 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.



# 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 healthy, safe and secure.



**Azione potente.**  
Elimina i batteri e ne impedisce la proliferazione  
**Powerful action.**  
Eliminates microbes and prevents their reproduction



**Efficacia eterna.**  
Grazie alla tecnologia integrata in modo permanente nel prodotto  
**Eternal effectiveness.**  
Thanks to the technology permanently integrated into the product



**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



**Qualità garantita**  
dalla partnership  
CON MICROBAN®  
**Guaranteed quality**  
by the partnership  
with MICROBAN®

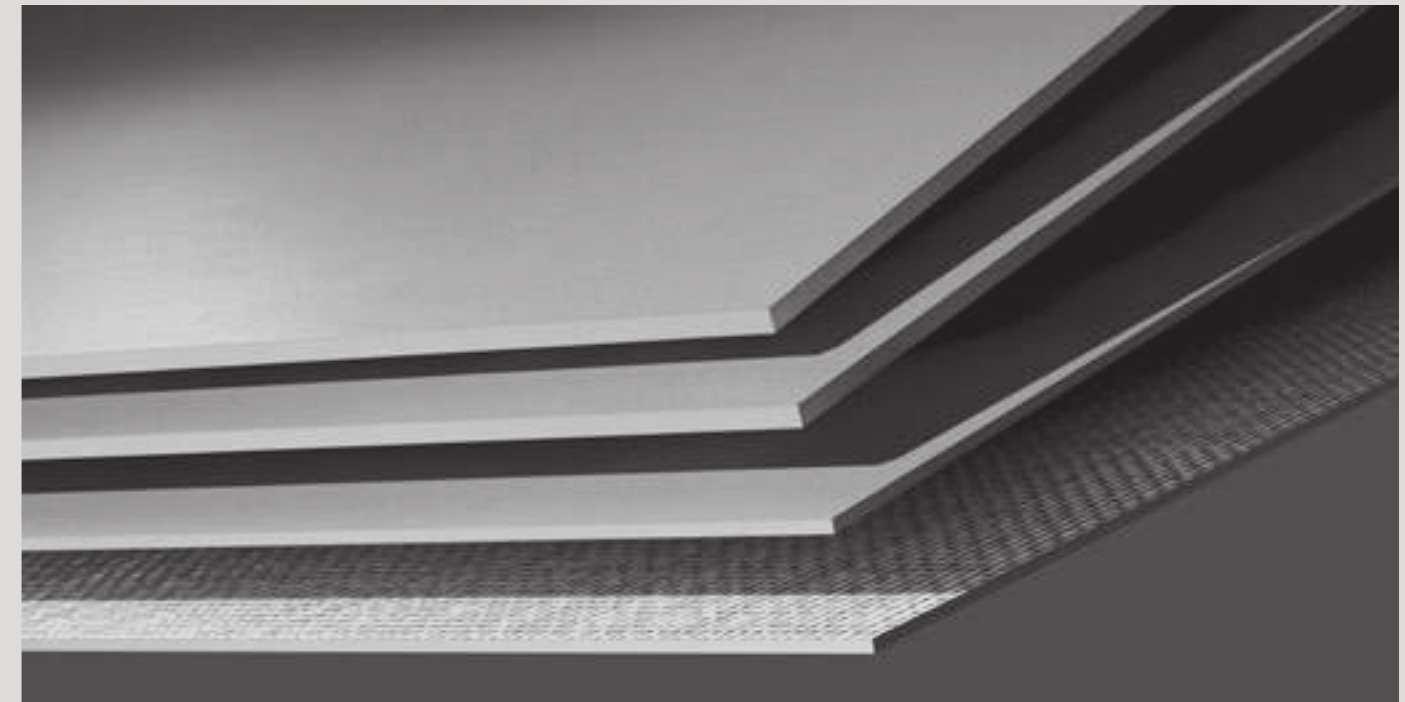
**PANARIA**group  
[www.protect.panariagroup.it](http://www.protect.panariagroup.it)

**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 CERAMIC SLABS.

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



1. Massimi standard qualitativi e prestazionali. Grazie all'utilizzo di materie prime pregiate

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

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

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

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

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

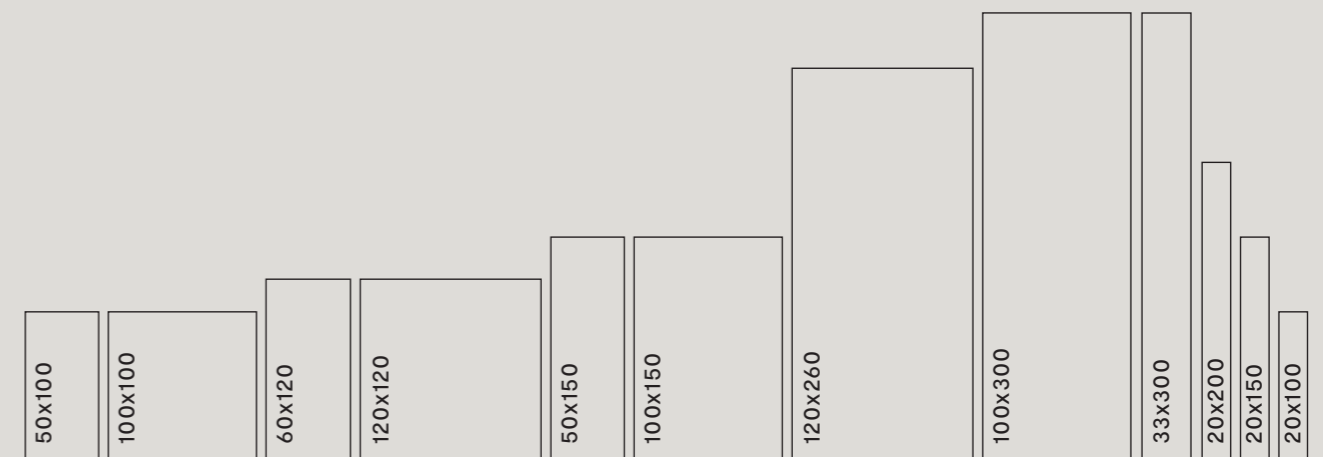
4. Straordinaria extra-resistenza. Grazie al rinforzo in fibra di vetro

/ Extraordinary added resistance. Thanks to the reinforcing fibreglass mesh

5. Alta sostenibilità ambientale. Meno materie prime utilizzate, minor consumo di acqua ed energia, minori emissioni di CO<sub>2</sub>

/ Highly Eco-friendly. Less raw materials used, lower water and energy consumption and lower CO<sub>2</sub> emissions

**Formati / Sizes (cm)**



**S**LIMTECH

6mm

Sottile e resistente.

Thin and resistant.

**S**LIMTECH

3.5mm

**S**LIMTECH

5.5mm



Ultrasottile e ultrasistente. Con rinforzo in fibra di vetro.

Ultra-thin and ultra-resistant. With fibreglass mesh reinforcement.

## 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.

## Vantaggi / Plus

1. Altissima resistenza ai carichi di rottura.

/ Highly resistant to heavy loads.

2. Elevata resistenza meccanica.

/ Superior mechanical strength.

3. Elevata resistenza allo scivolamento.

/ High slip resistance.

4. Resistente al gelo.

/ Frost-resistant.

5. Resistente al fuoco.

/ Fire resistant.

6. Resistente agli sbalzi termici, agli agenti atmosferici, agli acidi, alle muffe e al sale.

/ Resistant to thermal shock, atmospheric agents, acids, mould and salt.

7. Eccezionale resistenza alle macchie.

/ Exceptional resistance to stains.

8. Carrabile quando incollato su massetto.

/ Resistant to vehicular passage when applied to a screed with adhesives.

9. Facile da installare, rimuovere e riutilizzare.

/ Easy to install, remove and reuse.

10. Facile da pulire.

/ Easy to clean.

11. Eterno: materia e colori stabili nel tempo.

/ Eternal: the product and its colours are stable over time.

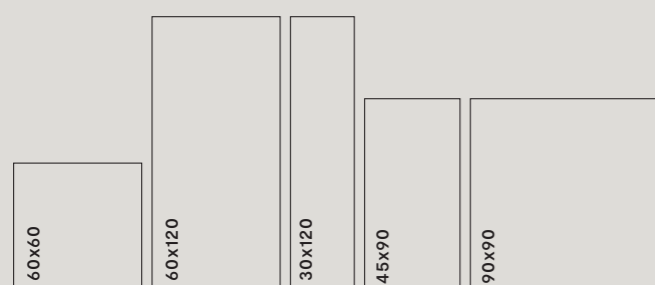
12. Ecologico: creato nel rispetto e per la salvaguardia dell'ambiente.

/ Eco-friendly: manufactured in a way which respects and sustains the environment.

13. Abbinabile ai prodotti da interno per un perfetto coordinamento estetico senza interruzioni.

/ Can be combined with products for interior spaces seamlessly and without interruptions.

## Formati / Sizes (cm)



## Caratteristiche tecniche / Technical characteristics



Gres porcellanato laminato UGL  
rinforzato con fibra di vetro  
/Laminated porcelain stoneware UGL  
reinforced with fibreglass  
SLIMTECH 5,5mm

Conforme/according to:  
ISO 13006 G (Gruppo/Group Bla) / EN 14411 G (Gruppo/Group Bla UGL)  
ANSI A137.3 (\*\*gauged porcelain tiles /panels /slabs)

	Metodo di prova /Test method	Requisiti prescritti /Required values	Valori medi /Average values
Assorbimento d'acqua /Water absorption	ISO 10545-3 ASTM C373	≤ 0,5%	0,1%
Resistenza a flessione /Modulus of rupture	ISO 10545-4 ASTM C1505	≥ 35 N/mm <sup>2</sup> ≥ 6.000 PSI	50 N/mm <sup>2</sup> ≥ 6.000 PSI
Resistenza all'abrasione profonda /Resistance to deep abrasion	ISO 10545-6 ASTM C1243	≤ 175 mm <sup>3</sup>	Conforme/conforms
Dilatazione termica lineare /Linear thermal expansion	ISO 10545-8 ASTM C372	Requisito non previsto/No provision	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1} / \alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
Resistenza alle macchie /Stain resistance	ISO 10545-14 ASTM C1378	Classe/Class 3 Min. Come indicato dal produttore /As indicated by manufacturer	5 Resistente/Resistant Class A Resistente/Resistant
Resistenza all'attacco chimico* /Chemical resistance	ISO 10545-13 ASTM C650	Come indicato dal produttore /As indicated by manufacturer	LA—HA Resistente/Resistant Class A Resistant
Resistenza al gelo /Frost resistance	ISO 10545-12 ASTM C1026	Nessuna alterazione/No alteration Come indicato dal produttore /As indicated by manufacturer	Resistente/Resistant Resistant
Resistenza allo scivolamento /Slip resistance	DIN 51130 BCR-TORTUS ANSI A326.3	—	R10 $\mu > 0,40 \text{ Nat}$ DCOF ≥ 0.42 Nat
Reazione al fuoco /Fire reaction	EN 13823 EN 9239-1	CPR (UE) 305/2011, 2000/147/CE, UNI EN 13501-1	A1 (wall) A1 <sub>fl</sub> (floor)
/Flame spread	ASTM E84	—	Class A
Robinson floor tester	ASTM C627	Come indicato dal produttore /As indicated by manufacturer	≥ 12 Cycles Heavy Commercial (over concrete)
Conducibilità termica /Thermal conductivity	EN 12524	—	$\lambda = 1,3 \text{ W/m}^\circ \text{ K}$ $0.7 \text{ BTU/ft h}^\circ \text{ F}$
Stonalizzazione /Shade variation	ANSI A137.3	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.  
\*Ad esclusione dell'acido fluoridrico e derivati/excluding hydrofluoric acid and its derivatives

## Caratteristiche tecniche / Technical characteristics



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 Porcelain tiles (P1 Class)

	Metodo di prova /Test method	Requisiti prescritti /Required values	Valori medi /Average values
Assorbimento d'acqua /Water absorption	ISO 10545-3 ASTM C373	≤ 0,5%	0,05%
Sforzo di rottura S /Breaking strength	ISO 10545-4 ASTM C1505	≥ 1300 N/mm <sup>2</sup> ≥ 250 lbf	2.200 N 9,5mm 13.600 N 20mm 500 lbf 9,5mm 2.800 lbf 20mm
Resistenza a flessione /Modulus of rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	50 N/mm <sup>2</sup>
Resistenza all'abrasione profonda /Resistance to deep abrasion	ISO 10545-6 ASTM C1243	≤ 175 mm <sup>3</sup>	145 mm <sup>3</sup>
Dilatazione termica lineare /Linear thermal expansion	ISO 10545-8 ASTM C372	Requisito non previsto/No provision	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1} / \alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
Resistenza alle macchie /Stain resistance	ISO 10545-14 ASTM C1378	Classe/Class 3 Min. Come indicato dal produttore /As indicated by manufacturer	5 Resistente/Resistant Class A Resistente/Resistant
Resistenza all'attacco chimico* /Chemical resistance	ISO 10545-13 ASTM C650	Come indicato dal produttore /As indicated by manufacturer	LA—HA Resistente/Resistant Class A Resistant
Resistenza al gelo /Frost resistance	ISO 10545-12 ASTM C1026	Nessuna alterazione/No alteration Come indicato dal produttore /As indicated by manufacturer	Resistente/Resistant Resistant
Resistenza allo scivolamento /Slip resistance	DIN 51130 DIN 51097 BCR-TORTUS ANSI A326.3 AS/NZS 4586:2013 BS 7976:2002	—	R10 (nat.) / R11 (grip - 20mm) A+B (nat.) / A+B+C (grip - 20mm) $\mu > 0,40 \text{ (nat. - grip - 20mm)}$ DCOF ≥ 0.42 (nat. - grip - 20mm) P3 (nat.) / P4 (grip - 20mm) PTV 36+ WET (Sl.96) (nat.)
Reazione al fuoco /Fire reaction	EN 13823 EN 9239-1	CPR (UE) 305/2011, 2000/147/CE, UNI EN 13501-1	Classe / Class A1 (wall) Classe / Class A1 <sub>fl</sub> (floor)
Diffusione di fiamma /Flame spread	ASTM E84	No provision	Class A
Robinson floor tester	ASTM C627	Come indicato dal produttore /As indicated by manufacturer	≥ 14 cycles Extra Heavy Commercial (over concrete)
Conducibilità termica /Thermal conductivity	EN 12524	—	$\lambda = 1,3 \text{ W/m}^\circ \text{ K}$ $0.7 \text{ BTU/ft h}^\circ \text{ F}$
Fuga minima consigliata (**) recommended minimum joint (**)	INDOOR OUTDOOR	—	2mm 5mm circa/ approx.
Stonalizzazione /Shade variation	ANSI A137.1	Come indicato dal produttore /As indicated by manufacturer	V3 Variazioni sostanziali /Substantial 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

## Imballi / Packing

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 <sup>1/2</sup> "x39"	3	1,50	18,9	32	48,0	604,8

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
Gramma 72	14.5x49.8	5 <sup>3/4</sup> "x19 <sup>1/2</sup> "	14	1,01	20,8	32	32,3	665,9
Gramma 66	16.9x39.2	6 <sup>5/8</sup> "x15 <sup>3/8</sup> "	10	0,66	14,9	40	26,4	597,1
Gramma 16	8.3x19.5	3 <sup>1/4</sup> "x7 <sup>5/8</sup> "	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 <sup>3/4</sup> "x48"	2	0,84	21,0	16	13,4	335,8
Angolo gradino plus	35x120	13 <sup>3/4</sup> "x48"	1	0,42	11,2	16	6,7	179,5
Gradino plus	35x60	13 <sup>3/4</sup> "x24"	4	0,84	19,2	16	13,4	306,9
Angolo gradino plus	35x35	13 <sup>3/4</sup> "x13 <sup>3/4</sup> "	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

## Certificazioni / Certifications

 UNI EN ISO 14001:2015 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM <b>ISO 14001</b>	 UNI EN ISO 9001:2015 CERTIFIED QUALITY MANAGEMENT SYSTEM <b>ISO 9001</b>	 <b>EN 14411</b> <b>Marchio CE*</b>	 Ceramics of Italy
 <b>Leed**</b>	 <b>EMAS</b> Stabilimento di Fiorano M. (MO)	 <b>EMAS</b> Stabilimento di Finale E. (MO)	 <b>EMAS</b> Stabilimento di Toano (RE)
	 <b>EPD***</b> PANARIAgroup		

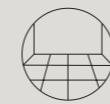
\*MARCHIO CE Le DOP sono disponibili sul sito internet/DOP are available on the website [www.ceramichelea.it](http://www.ceramichelea.it)

\*\*LEED Le 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.

\*\*\*EPD I prodotti Lea Ceramiche possiedono Dichiarazione Ambientale di Prodotto (EPD) specifica di tipo III, certificata da ente terzo indipendente secondo le normative ISO EN 14025 e EN 15804. Disponibile su richiesta.

Lea Ceramiche products have a type III specific Environmental Product Declaration (EPD). This is certified by an independent third party according to ISO EN 14025 and EN 15804 standards. Available on request.

## Destinazioni d'uso Slimtech / Slimtech intended uses



Posa a pavimento  
Floor installation

Situazioni applicative sia per interventi di nuova costruzione che di ristrutturazioni con posa in sovrapposizione a pavimenti preesistenti.

For new buildings and refurbishing, for installation on pre-existing floors.

### IN INTERNO

Residenziale (cucine, bagni, living, aree comuni condominiali, ed ogni altro ambiente di uso residenziale)

Commerciale leggero (uffici, uffici aperti al pubblico, sale d'attesa, negozi, bagni, sale di ristoranti, autosaloni, bar, cinema, ambulatori, cliniche)

Commerciale intensivo (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)

### IN ESTERNO

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 120cm.

### INTERIORS

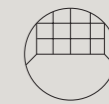
Residential (kitchens, bathrooms, living rooms, common apartment block areas and any other residential environment)

Light Commercial (offices, offices open to the general public, waiting rooms, shops, bathrooms, restaurant dining rooms, bars, car showrooms, cinemas, surgeries/clinics)

Intensive commercial. (common areas of shopping centres, hotel halls, canteens, fastfood restaurants, dance clubs, hospitals.) With the exception of areas subject to heavy concentrated loads (e.g. trolleys with hard wheels)

### EXTERIORS

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 120cm.



Posa a parete  
Wall installation

Situazioni applicative sia per interventi di nuova costruzione che di ristrutturazioni con posa in sovrapposizione a pavimenti preesistenti.

For new buildings and refurbishing, for installation on pre-existing floors.

### IN INTERNO

Qualunque ambiente residenziale e commerciale.

### INTERIORS

Any residential and commercial environment.

## Destinazioni speciali Slimtech / Slimtech Special uses



Facciate ventilate\*  
Ventilated facades



Rivestimenti termici a cappotto  
External wall thermal insulation system



Rivestimenti vasche piscine  
Bathtubs and swimming pool cladding



Superfici da rivestire nel settore dell'arredamento  
For furniture surfaces

Destinazioni speciali/Special uses: in funzione delle specifiche del progetto, in abbinamento a sistemi costruttivi indicati da Panariagroup e approvati dalla Direzione Lavori/depending on project specifications and in combination with the construction systems recommended by Panariagroup and approved by the Installation Supervisor. \*Solo dopo l'applicazione della rete in fibra di vetro/only after the application of fiberglass mesh.



## Impieghi grès porcellanato / Uses



Alberghi  
Hotels



Locali pubblici  
Public spaces



Abitazioni  
Housing



Aeroporti  
Airports



Bar - Ristoranti  
Bar - Restaurants



Centri commerciali  
Malls



Negozi  
Shops



Stazioni  
Train stations

## Impieghi L2 / Uses



Vialetti  
Walkways



Parcheggi  
Parking areas



Parchi pubblici - giardini  
Public parks - gardens



Terrazze  
Terraces



Camminamenti piscine  
Pool decks



Zone industriali  
Industrial areas



Stabilimenti balneari  
Beach resorts



Aree urbane  
Urban areas

## Colophon / Company info

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Panariagroup  
Industrie Ceramiche S.p.A.

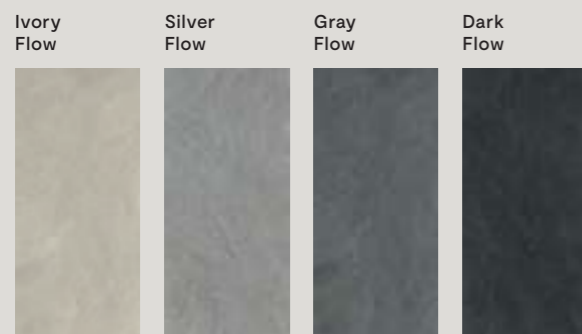
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[www.leausa.us](http://www.leausa.us)

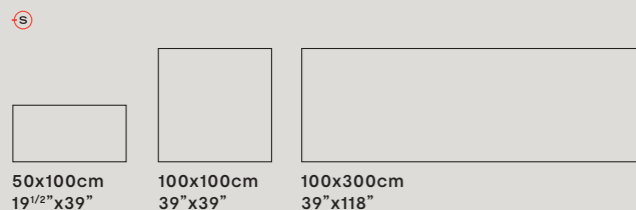
# Slimtech Waterfall overview

## Colori / Colors



## Formati / Sizes <sup>LR<sup>T</sup></sup>

### Fondi/Plain Tiles



50x100cm  
19 1/2" x 39"

100x100cm  
39" x 39"

100x300cm  
39" x 118"

**S** Gres porcellanato laminato rinforzato con fibra di vetro  
Laminated porcelain stoneware reinforced with fibreglass  
Spessore/thickness: 5,5mm / slimtech 5plus



Lea Ceramiche

# Waterfall overview

## Colori / Colors



## Formati / Sizes <sup>LR<sup>T</sup></sup>

### Fondi/Plain Tiles



30x60cm  
12" x 24"  
NAT/LAPP

60x60cm  
24" x 24"  
NAT/LAPP/GRIP

60x120cm  
24" x 48"  
NAT/LAPP

45x90cm  
18" x 36"  
NAT/LAPP

90x90cm  
36" x 36"  
NAT/LAPP

### Formati speciali/Special sizes

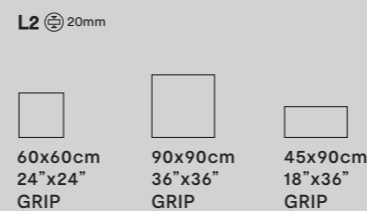


14,5x49,8cm  
5 3/4" x 19 1/2"  
NAT

16,9x39,2cm  
6 5/8" x 15 3/8"  
NAT

8,3x19,5cm  
3 1/4" x 7 5/8"  
NAT

### Fondi/Plain Tiles

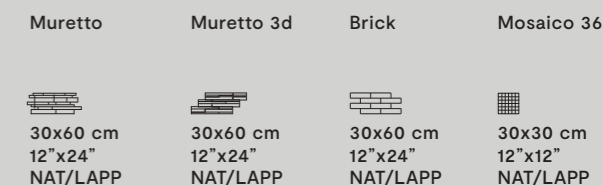


60x60cm  
24" x 24"  
GRIP

90x90cm  
36" x 36"  
GRIP

45x90cm  
18" x 36"  
GRIP

### Mosaici/Mosaics



Muretto  
30x60 cm  
12" x 24"  
NAT/LAPP

Muretto 3d  
30x60 cm  
12" x 24"  
NAT/LAPP

Brick  
30x60 cm  
12" x 24"  
NAT/LAPP

Mosaico 36  
30x30 cm  
12" x 12"  
NAT/LAPP

**LR<sup>T</sup>** Gres porcellanato  
Porcelain stoneware  
Spessore/thickness: 9,5mm

**LR<sup>T</sup>** Gres porcellanato spessorato  
Extra thick porcelain stoneware  
Spessore/thickness: 20mm



Lea Ceramiche

leaceramiche.com



3-TECH PROJECT