

**Opustone®**  
STONE | TILE CONCEPTS

# Navona

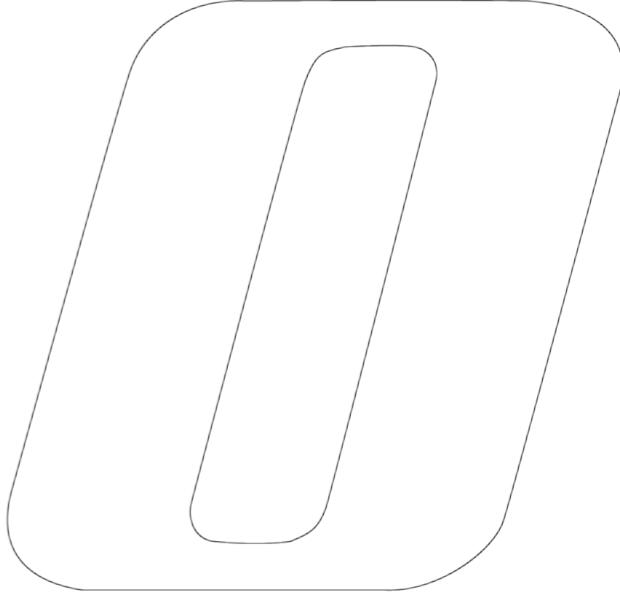


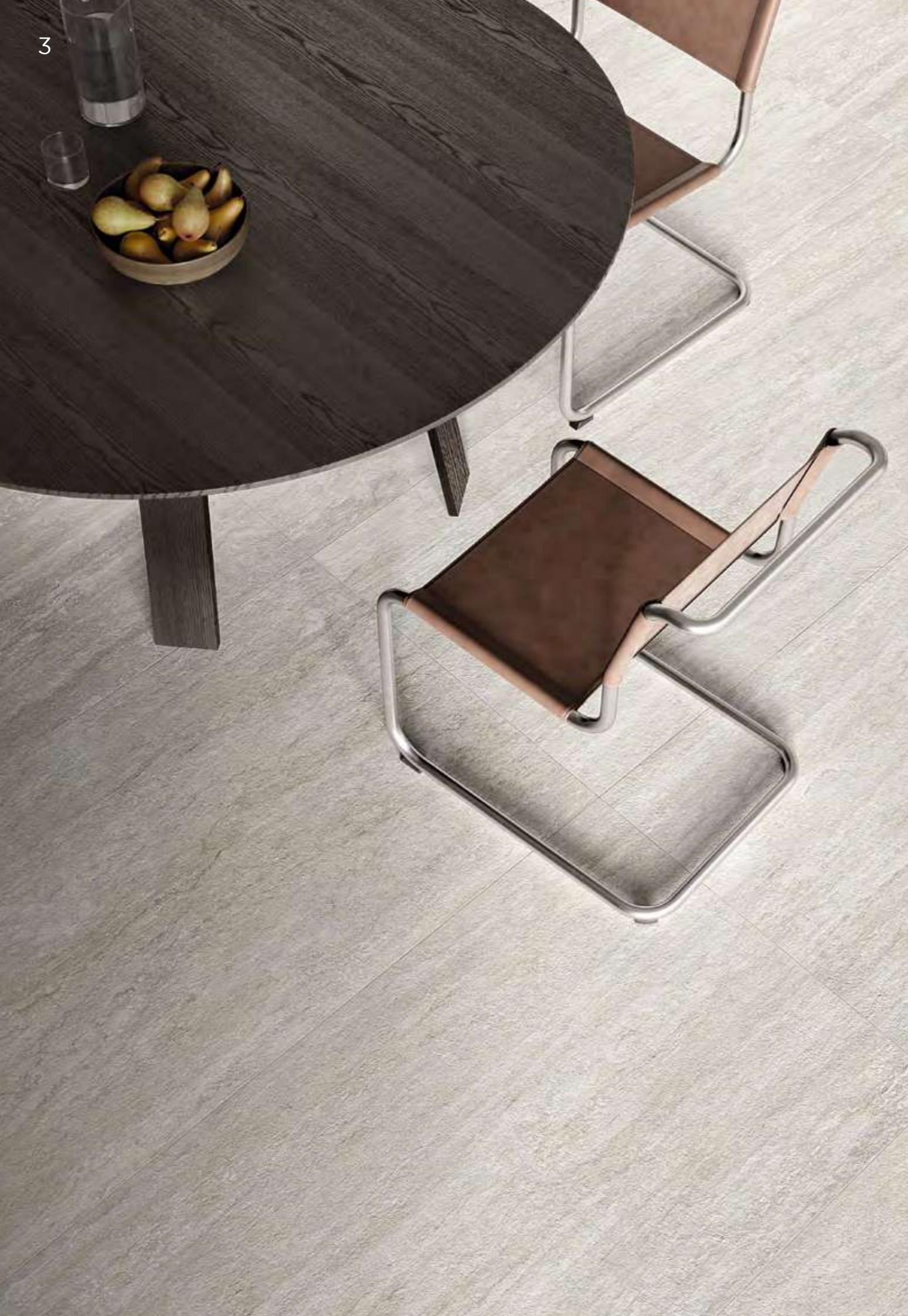


Grigio Cross Cut

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# Navona

PORCELAIN TILES WITH A TRAVERTINE LOOK

## *Timeless modern beauty*

Navona tells the story of the beauty of a noble material, of a stone beloved by architects throughout the ages, from ancient Rome, to the Renaissance and up to the contemporary era. The timeless modernity of travertine and its harmonious elegance are expressed in an extremely versatile collection also in terms of colors, which range from cold tones to warmer, enveloping nuances.

## *Appearance and surface variation*

Travertine reveals different textures depending on its cuts. The Cross Cut technology reproduces the cloudy aesthetics achieved by cutting perpendicular to the direction of layering of the stone, resulting in a homogeneous and balanced overall effect. Vein Cut is inspired by the cut made in the direction of layering, highlighting the elongated, sinuous design of the veins.

## *Geometric decorations and essential charm*

Rigorous geometries, yet open to multiple compositions for the decorations, which enhance the sophisticated essentiality of travertine. Delicate micro stripes and simple semi-circles can be freely combined in the background and foreground, enhancing the textures with ever-changing aesthetic effects. And to achieve a striking three-dimensional dynamism, the 60x120 vertical slabs can be combined in the different thicknesses available.

# Navona Bianco

A light-filled shade that recalls the finest variations of travertine and provides a feeling of balance and lightness. Perfect for widening spaces, it is ideal for both minimalist and classic styles.



*Bianco Cross Cut & Bianco Vein Cut*



# Navona Grigio

A decidedly contemporary shade, much loved and used in modern architecture. The elegant geometry, lines and volumes are emphasized by this shade, which expresses ever-changing and interesting textural effects.



Grigio Vein Cut



# Navona Avorio

Warm and comfortable atmospheres with the delicate touch of this shade make any space cozy. A natural color, inspired by classic travertine, but which also lends itself to more modern architecture whilst keeping a classic charm.

0



Avorio Vein Cut



# Navona ROSSO

A precious color reminiscent of travertine from ancient Persia. An enveloping shade with very elegant decorative effects, Rosso is the perfect shade to provide interiors and exteriors with unmistakable luxury.

0



*Rosso Vein Cut*



*Rosso Vein Cut*

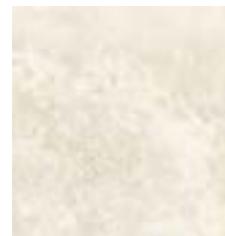


# TECHNICAL INFORMATION

## AVAILABLE COLORS



Bianco Vein Cut



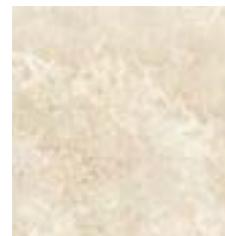
Bianco Cross Cut



Bianco Vein Cut Ribbed



Avorio Vein Cut



Avorio Cross Cut



Avorio Vein Cut Ribbed



Grigio Vein Cut



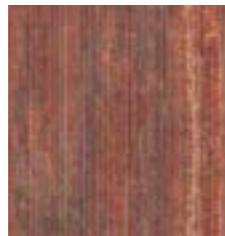
Grigio Cross Cut



Grigio Vein Cut Ribbed



Rosso Vein Cut



Rosso Vein Cut Ribbed

## SIZE CHART AND PACKING

THE WORKING SIZES OF THE INDIVIDUAL COMMERCIAL SIZES ARE:

PACKING	PCS / BOX		M <sup>2</sup> / BOX		KG / BOX		BOX / PALLET		M <sup>2</sup> / PALLET		KG / PALLET	
<input type="checkbox"/> 31 <sup>1/2</sup> "x62 <sup>7/8</sup> "	Thick 9 mm	RealUp	PCS 2	M <sup>2</sup> 2,56	KG 54,78	PCS 18	M <sup>2</sup> 46,08	KG 1006,05				
<input type="checkbox"/> 47 <sup>1/4</sup> "x47 <sup>1/4</sup> "	Thick 9 mm	RealUp	PCS 2	M <sup>2</sup> 2,88	KG 59,67	PCS 18	M <sup>2</sup> 51,84	KG 1094,16				
<input type="checkbox"/> 23 <sup>1/2</sup> "x47 <sup>1/4</sup> "	Thick 9 mm	RealUp Ribbed	PCS 2	M <sup>2</sup> 1,44	KG 29,24	PCS 36	M <sup>2</sup> 51,84	KG 1072,67				
<input type="checkbox"/> 23 <sup>1/2</sup> "x47 <sup>1/4</sup> "	Thick 9 mm	Antislip	PCS 2	M <sup>2</sup> 1,44	KG 28,17	PCS 36	M <sup>2</sup> 51,84	KG 1034,30				
<input type="checkbox"/> OPEN 23 <sup>1/2</sup> "x47 <sup>1/4</sup> "	Thick 20 mm	Antislip	PCS 1	M <sup>2</sup> 0,72	KG 31,87	PCS 36	M <sup>2</sup> 25,92	KG 1167,60				
<input type="checkbox"/> 23 <sup>1/2</sup> "x23 <sup>1/2</sup> "	Thick 9 mm	RealUp	PCS 4	M <sup>2</sup> 1,44	KG 27,74	PCS 30	M <sup>2</sup> 43,20	KG 852,26				
<input type="checkbox"/> 11 <sup>7/8</sup> "x23 <sup>1/2</sup> "	Thick 9 mm	RealUp	PCS 8	M <sup>2</sup> 1,44	KG 27,60	PCS 32	M <sup>2</sup> 46,08	KG 903,36				

— 6 mm + — 9 mm + ■ 20 mm OPEN

## TECHNICAL SPECIFICATIONS PORCELAIN STONEWARE

CONFORMING TO STANDARDS  
EN 14411 ISO 13006 APPENDICE G GRUPPO Bla UGL CON Ev ≤ 0,5%

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES
Sizes	EN ISO 10545-2		7cm ≤ N < 15 cm N ≥ 15 cm (mm) (%) (mm)
Length and width		±0.9	±0.6 ±2.0
Thickness		±0.5	±5.0 ±0.5
Linearity		±0.75	±0.5 ±1.5
Wedgeing		±0.75	±0.5 ±2.0
Warpage		±0.75	±0.5 ±2.0
Appearance: percentage of acceptable tiles		95 % min.	95 % min.
Water absorption %	EN ISO 10545-3	Ev ≤ 0,5%	Conforming
Modulus of rupture	EN ISO 10545-4	Valore medio 35 N/mm <sup>2</sup> min.	Conforming
Breakage resistance		sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N	Conforming
Deep abrasion resistance	EN ISO 10545-6	175 mm <sup>3</sup> max.	Average < 150 mm <sup>3</sup>
Thermal expansion coefficient	EN ISO 10545-8	Declared value	6,8 MK-1
Thermal shock resistance	EN ISO 10545-9	Pass according to ISO 10545-1	*
Frost resistance	EN ISO 10545-12	Pass according to ISO 10545-1	*
Resistance to low concentrations of acids and alkali		Declared value	*
Resistance to high concentrations of acids and alkali	EN ISO 10545-13	Declared value	*
Resistance to domestic chemicals and additives for swimming pools		UB min.	UA
Stain resistance of unglazed matte porcelain	EN ISO 10545-14	Declared value	*
		Annex A	Value available upon request
Slip resistance	EN 16165	Annex B	Value available upon request
			B.C.R.A. - D.M.236/89 ANSI A326.3 D COF
			> 0,40 Dry / > 0,40 Wet ≥ 0,42 Wet

\* It's advisable to refer Project Department for all necessary guidelines to a correct use.

Bianco Vein Cut



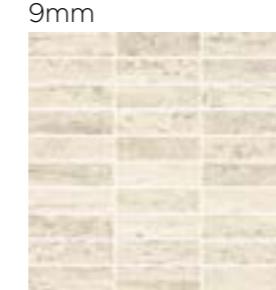
Bianco Cross Cut



Bianco Vein Cut Ribbed



Bianco Vein Cut Muretto

■ 6 mm  
MEGA47<sup>1</sup>/<sup>4</sup>" x 110<sup>1</sup>/<sup>4</sup>"■ 9 mm  
RealUp11<sup>7</sup>/<sup>8</sup>" x 23<sup>1</sup>/<sup>2</sup>"23<sup>1</sup>/<sup>2</sup>" x 23<sup>1</sup>/<sup>2</sup>"23<sup>1</sup>/<sup>2</sup>" x 47<sup>1</sup>/<sup>4</sup>"47<sup>1</sup>/<sup>4</sup>" x 47<sup>1</sup>/<sup>4</sup>"31<sup>1</sup>/<sup>2</sup>" x 62<sup>7</sup>/<sup>8</sup>"

MESH MOUNTED



■ 9mm Muretto

Bianco Vein Cut

■ 48110POTWHVCNCRGNAWVC\* ■ 1224POTWHVCNCRGNABVC

Bianco Cross Cut

■ 2448POTWHVCNCRGNABCC\*

■ 3263POTWHVCNCRGNABVC

■ 1212POMWHVCSURGBNVCM

Bianco Vein Cut  
Ribbed

■ 2448POTWHVCRIBRGNABVC

Bianco Vein Cut  
Antislip

■ 2448POTWHVCNCRGNABAS\*

Bianco Cross Cut  
Antislip

■ 2448POTWHCCANTRGNBCCA\*

Avorio Vein Cut



Avorio Cross Cut



Avorio Vein Cut Ribbed



Avorio Vein Cut Muretto

■ 6 mm  
MEGA47<sup>1</sup>/<sub>4</sub>" x 110<sup>1</sup>/<sub>4</sub>"■ 9 mm  
RealUp11<sup>7</sup>/<sub>8</sub>" x 23<sup>1</sup>/<sub>2</sub>"23<sup>1</sup>/<sub>2</sub>" x 23<sup>1</sup>/<sub>2</sub>"23<sup>1</sup>/<sub>2</sub>" x 47<sup>1</sup>/<sub>4</sub>"47<sup>1</sup>/<sub>4</sub>" x 47<sup>1</sup>/<sub>4</sub>"31<sup>1</sup>/<sub>2</sub>" x 62<sup>7</sup>/<sub>8</sub>"

MESH MOUNTED

■ 6mm Muretto  
11<sup>7</sup>/<sub>8</sub>" x 11<sup>7</sup>/<sub>8</sub>"

MESH MOUNTED

■ 9mm Muretto  
11<sup>7</sup>/<sub>8</sub>" x 11<sup>7</sup>/<sub>8</sub>"

Avorio Vein Cut

48110POTBEVCNCRGNABVC\*

1224POTBEVCNCRGNAVC

2448POTBEVCNCRGNAAVC\*

3263POTBEVCNCRGNAVC

1212POMBEVCNARGTBEVC

1212POMBEVCSURGBGVCM

Avorio Cross Cut

2424POTBECCNCRGNABCC\*

2448POTBECCNCRGNAACC\*

4848POTBECCNCRGNAACC\*

Avorio Vein Cut  
Ribbed

2448POTBEVCNCRGNAAVR

Avorio Vein Cut  
Antislip

2448POTBEVCANTRGNBVCAA\*

Avorio Cross Cut  
Antislip

2448POTBECCANTRGNBCCA\*

Grigio Vein Cut



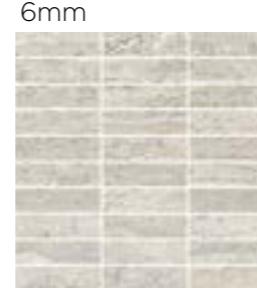
Grigio Cross Cut



Grigio Vein Cut Ribbed



Grigio Vein Cut Muretto



	■ 6 mm MEGA	■ 9 mm RealUp				
47 <sup>1</sup> / <sub>4</sub> " x 110 <sup>1</sup> / <sub>4</sub> "			23 <sup>1</sup> / <sub>2</sub> " x 23 <sup>1</sup> / <sub>2</sub> "		23 <sup>1</sup> / <sub>2</sub> " x 47 <sup>1</sup> / <sub>4</sub> "	
47 <sup>1</sup> / <sub>4</sub> " x 47 <sup>1</sup> / <sub>4</sub> "						
Grigio Vein Cut	■ 48110POTGRVCNCRGNAGVC*		■ 2448POTGRVCNCRGNAGVC*		■ 1212POMGRVCSURGBNVCM*	
Grigio Cross Cut		■ 2424POTGRCCNCRGNABCC*		■ 4848POTGRCCNCRGNAGCC*		
Grigio Vein Cut Ribbed			■ 2448POTGRVCRIBRGNABVC*			
Grigio Vein Cut Antislip			■ 2448POTGRVCNCRGNABAS*			

MESH MOUNTED  
 ■ 9mm Muretto  
 11<sup>7</sup>/<sub>8</sub>" x 11<sup>7</sup>/<sub>8</sub>"

## Rosso Vein Cut



Rosso Vein Cut Ribbed



■ 9 mm  
RealUp

□  
23<sup>1</sup>/<sub>2</sub>" x 47<sup>1</sup>/<sub>4</sub>"

MESH MOUNTED

■ 9mm Muretto  
11<sup>7</sup>/<sub>8</sub>" x 11<sup>7</sup>/<sub>8</sub>"

Rosso Vein Cut

■ 2448POTREVCNCRGVARVC\*

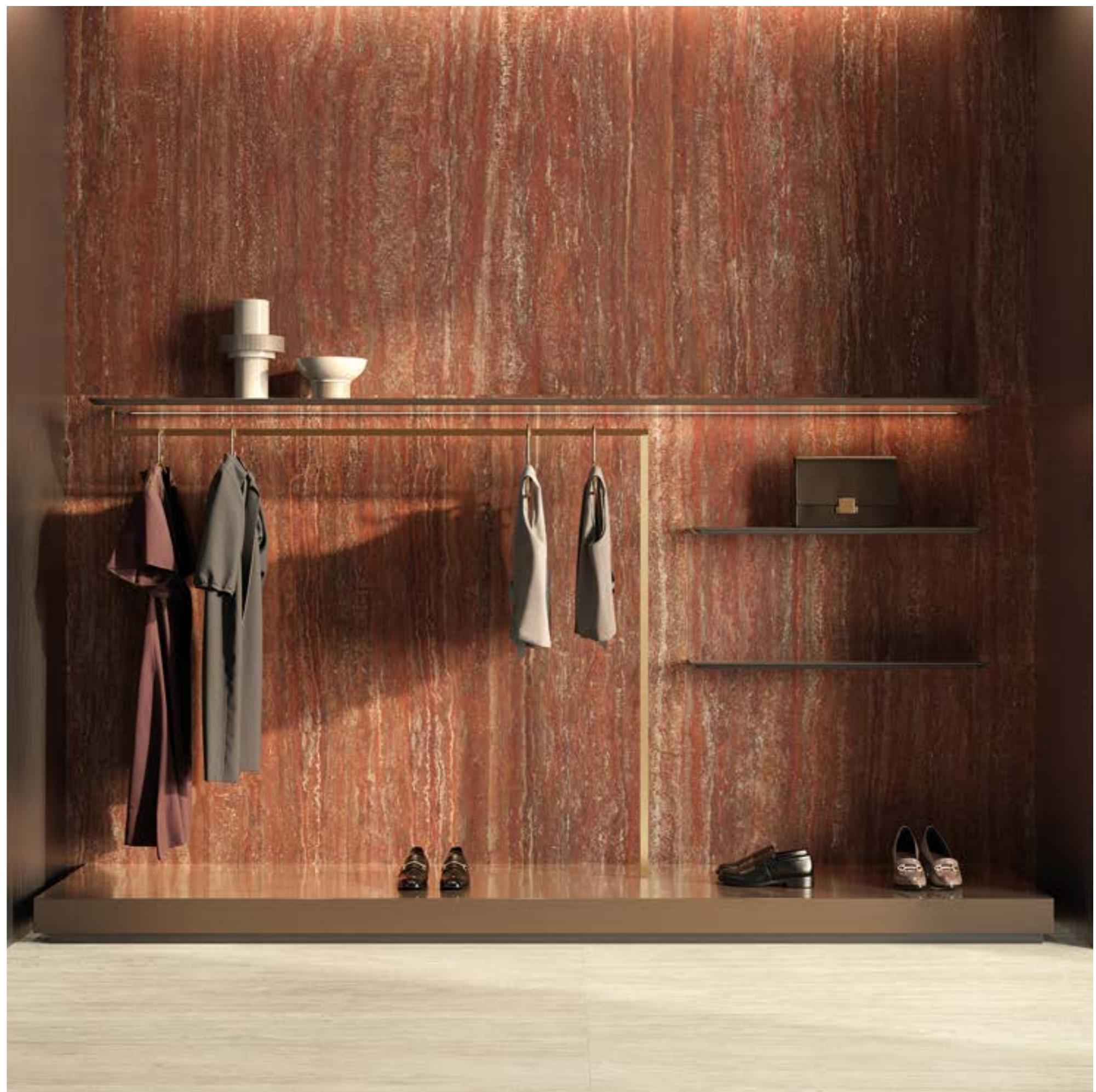
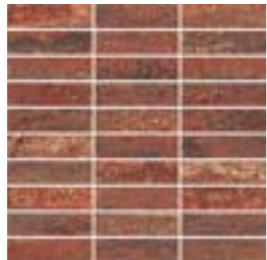
■ 1212POMRDVCSURGBNVCM\*

Rosso Vein Cut Ribbed

■ 2448POTRDVCIRBRGNABVC\*

Rosso Vein Cut Muretto

6mm





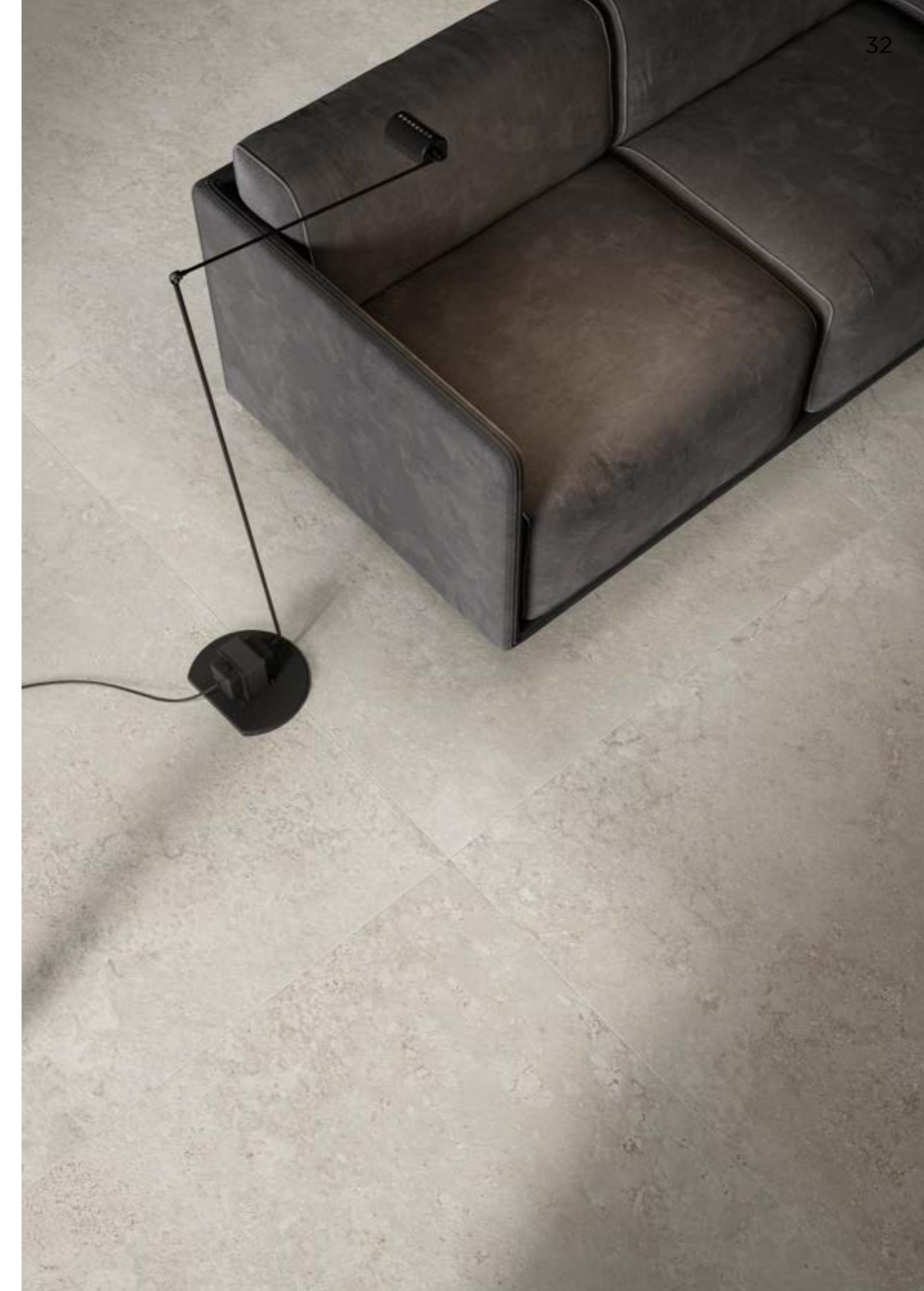
## EPD

The EPD (Environmental Product Declaration) is a concise document that outlines the environmental performance profile of our product and allows us to communicate objective, comparable and credible information in this regard, without expressing evaluation, preferability or minimum levels to be respected; it thus allows those who read it to make a conscious and correctly informed choice.  
This year ITALGRANITI GROUP published its activity data on [www.environdec.com](http://www.environdec.com), the website of the International EPD System, the world's first and longest running EPD program.



## LEED CERTIFICATION

ITALGRANITI GROUP's products meet the requirements of LEED certifications. LEED credits provide all interested parties with the necessary tools to objectively calculate the impact of a building in terms of environmental sustainability. The system is based on the attribution - for each of the requirements characterising the eco-compatibility of a building - of credits that, added together, give the level of certification obtained: the higher it is, the greater the competitive value of the building on the market.  
Our products do not release toxic substances and do not contribute to the heat island effect; moreover, they come from a plant with a certified environmental management system.  
A certified percentage of more than 20% recycled material (pre-consumer material) is used to manufacture them. This certification was issued by Bureau Veritas Italia S.p.A.





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