

Opustone[®]
STONE | TILE CONCEPTS

Navona



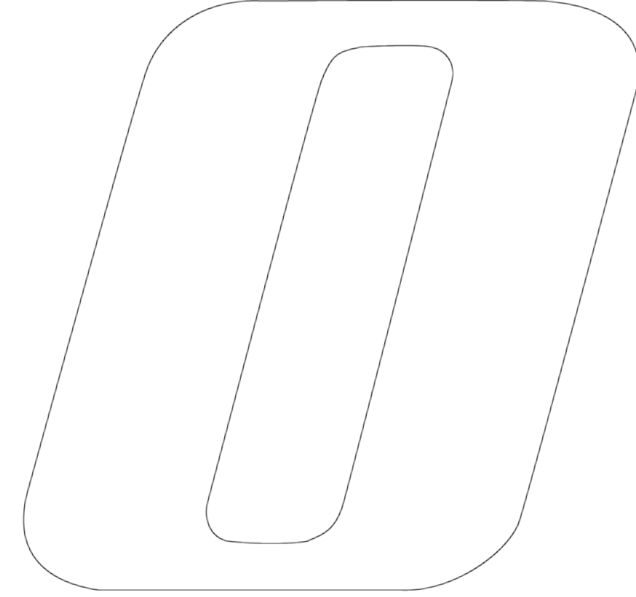


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Navona

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 Aavorio

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.



Aavorio 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.



Rosso Vein Cut



Rosso Vein Cut

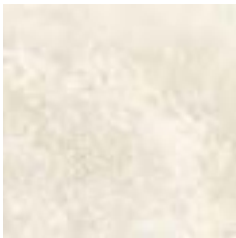


TECHNICAL INFORMATION

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:

				PCS / BOX	M² / BOX	KG / BOX	BOX / PALLET	M² / PALLET	KG / PALLET
	31 1/2"x62 7/8"	Thick 9 mm	RealUp	PCS 2	M² 2,56	KG 54,78	PCS 18	M² 46,08	KG 1006,05
	47 1/4"x47 1/4"	Thick 9 mm	RealUp	PCS 2	M² 2,88	KG 59,67	PCS 18	M² 51,84	KG 1094,16
	23 1/2"x47 1/4"	Thick 9 mm	RealUp Ribbed	PCS 2	M² 1,44	KG 29,24	PCS 36	M² 51,84	KG 1072,67
	23 1/2"x47 1/4"	Thick 9 mm	Antislip	PCS 2	M² 1,44	KG 28,17	PCS 36	M² 51,84	KG 1034,30
	OPEN 23 1/2"x47 1/4"	Thick 20 mm	Antislip	PCS 1	M² 0,72	KG 31,87	PCS 36	M² 25,92	KG 1167,60
	23 1/2"x23 1/2"	Thick 9 mm	RealUp	PCS 4	M² 1,44	KG 27,74	PCS 30	M² 43,20	KG 852,26
	11 7/8"x23 1/2"	Thick 9 mm	RealUp	PCS 8	M² 1,44	KG 27,60	PCS 32	M² 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 BIa 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
			Wedging	±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/mm2 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 mm3 max.	Average -< 150 mm3
	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	* Resistant
	Frost resistance	EN ISO 10545-12	Pass according to ISO 10545-1	* Resistant
Resistance to low concentrations of acids and alkali			Declared value	* Resistant
Resistance to high concentrations of acids and alkali		EN ISO 10545-13	Declared value	* Resistant
Resistance to domestic chemicals and additives for swimming pools			UB min.	UA
	Stain resistance of unglazed matte porcelain	EN ISO 10545-14	Declared value	* Resistant
	Slip resistance	EN 16165	Annex A	Value available upon request
			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



9mm



Technical Information

	<div>6 mm</div> <div>MEGA</div> <div></div> <div>47¹/₄" x 110¹/₄"</div>	<div>9 mm</div> <div>RealUp</div> <div></div> <div>11⁷/₈" x 23¹/₂"</div>	<div></div> <div>23¹/₂" x 23¹/₂"</div>	<div></div> <div>23¹/₂" x 47¹/₄"</div>	<div></div> <div>47¹/₄" x 47¹/₄"</div>	<div></div> <div>31¹/₂" x 62⁷/₈"</div>	<div>MESH MOUNTED</div> <div> 9mm Muretto</div>
Bianco Vein Cut	■ 48110POTWHVCNCRGNAWVC*	■ 1224POTWHVCNCRGNABVC		■ 2448POTWHVCNCRGNABVC		■ 3263POTWHVCNCRGNABVC	■ 1212POMWHVCSURGBNVCM
Bianco Cross Cut			■ 2424POTWHCCNCRGNABCC*	■ 2448POTWHCCNCRGNABCC*	■ 4848POTWHCCNCRGNABCC*		
Bianco Vein Cut Ribbed				■ 2448POTWHVCRIBRGNABVC			
Bianco Vein Cut Antislip				■ 2448POTWHVCNCRGNABAS*			
Bianco Cross Cut Antislip				■ 2448POTWHCCANTRGNBCCA*			

*Products marked with an asterisk are available through special order only.

Avorio Vein Cut



Avorio Cross Cut



Avorio Vein Cut Ribbed



Avorio Vein Cut Muretto



























6mm

9mm



Technical Information

	 6 mm MEGA	 9 mm RealUp					 6mm Muretto		 9mm Muretto	
							MESH MOUNTED 	MESH MOUNTED 		
	47 ^{1/4"} x 110 ^{1/4"}	11 ^{7/8"} x 23 ^{1/2"}	23 ^{1/2"} x 23 ^{1/2"}	23 ^{1/2"} x 47 ^{1/4"}	47 ^{1/4"} x 47 ^{1/4"}	31 ^{1/2"} x 62 ^{7/8"}	11 ^{7/8"} x 11 ^{7/8"}	11 ^{7/8"} x 11 ^{7/8"}		
Avorio Vein Cut	 48110POTBEVCNCRGNABVC*	 1224POTBEVCNCRGNAAVC		 2448POTBEVCNCRGNAAVC*		 3263POTBEVCNCRGNAAVC	 1212POMBEVCNARGTBEVC	 1212POMBEVCSURGBGVCM		
Avorio Cross Cut			 2424POTBECCNCRGNABCC*	 2448POTBECCNCRGNAACC*	 4848POTBECCNCRGNAACC*					
Avorio Vein Cut Ribbed				 2448POTBEVCNCRGNAAVR						
Avorio Vein Cut Antislip				 2448POTBEVCANTRGNBVCAA*						
Avorio Cross Cut Antislip				 2448POTBECCANTRGNBCCAA*						

*Products marked with an asterisk are available through special order only.

Grigio Vein Cut



Grigio Cross Cut



Grigio Vein Cut Ribbed



Grigio Vein Cut Muretto



6mm



Technical Information

	<div>6 mm MEGA</div> <div>47 1/4" x 110 1/4"</div>	<div>9 mm RealUp</div> <div>23 1/2" x 23 1/2"</div>	<div></div> <div>23 1/2" x 47 1/4"</div>	<div></div> <div>47 1/4" x 47 1/4"</div>	<div>MESH MOUNTED</div> <div>9mm Muretto</div> <div>11 7/8" x 11 7/8"</div>
Grigio Vein Cut	■ 48110POTGRVCNCRGNAGVC*		■ 2448POTGRVCNCRGNAGVC*		■ 1212POMGRVCSURGBNVCM*
Grigio Cross Cut		■ 2424POTGRCCNCRGNABCC*		■ 4848POTGRCCNCRGNAGCC*	
Grigio Vein Cut Ribbed			■ 2448POTGRVCRIBRGNABVC*		
Grigio Vein Cut Antislip			■ 2448POTGRVCNCRGNABAS*		

*All Grigio colored products are available through special order only.

Rosso Vein Cut



Rosso Vein Cut Ribbed



Rosso Vein Cut Muretto

6mm



■ 9 mm
RealUp



23 1/2" x 47 1/4"

MESH MOUNTED



■ 9mm Muretto
11 7/8" x 11 7/8"

Rosso Vein Cut	■ 2448POTREVCNCRGVARVC*	■ 1212POMRDVCSURGBNVCM*
Rosso Vein Cut Ribbed	■ 2448POTRDVCRIBRGNABVC*	

*All Rosso colored products are available through special order only.





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, 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.



