

Marmi di Impronta

SPECIFICATION

MATERIAL


Porcelain stoneware.

Classified in GROUP BIa UGL CON Ev ≤ 0,5% and GROUP BIa GL CON Ev ≤ 0,5%.

Complies with all the requirements of UNI EN 14411 ISO 13006 APP. G standards.



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Catalog

COLORS		SIZES	THICKNESS
	Bianco Lasa V2	SUPREME LAPPATO RETTIFICATO (6 mm) 160x320 120x280 LAPPATO RETTIFICATO (9 mm) 120x120 80x80 120x60 60x60 NATURALE RETTIFICATO (9 mm) 120x60 60x60 30x60	6 mm
	Statuario Bianco V2		
	Calacatta Oro V3		
	Calacatta Cervaiolo V3		9 mm
	Calacatta Macchia Vecchia V3		
	Nero Marquina V2		
	Amazzonite Verde V2		

PROCESS DESCRIPTION certified according to the ISO 9001 quality standard

UGL: Product obtained from raw materials of high quality and purity such as clear clays, felspatic fluxes, kaolins, sands and colored ceramic pigments. The pressing is carried out with hydraulic presses that allow a pressure of over 500kg / cm² on the product, guaranteeing dimensional precision, flatness and high mechanical resistance. The aesthetics of the product is made with the innovative Digital Technology. The cooking takes place in single-layer roller kilns at a temperature close to 1220 ° C.

GL: Slabs obtained by pressing an atomized support of noble clays, the surface is enamelled with grits and glass enamels, the colors are obtained thanks to the use of high purity coloring oxides. The decoration is made with the innovative Digital Technology that offers unparalleled aesthetic quality allowing you to recreate countless veins with high definition and precision in detail. The cooking takes place in single-layer roller kilns at a temperature close to 1200 ° C. Following firing, the lapping treatment makes the surface shiny and silky to the touch, typical characteristics of natural stones.

GREEN BUILDING: CERTIFIED ENVIRONMENTAL SUSTAINABILITY

The tiles in the Marmi di Impronta collection are ideal for eco-sustainable building:

- They are produced in plants which have an EMAS-ISO 14001 certified environmental management system.
- They help to obtain credits for the construction of buildings in accordance with the LEED certification programme.

Size

Finishes

Colors Type



放射能水平A类



EN 14411



Marmi di Impronta



FLOORS



WALLS



FACING SYSTEMS



RESIDENTIAL INDOOR



RESIDENTIAL OUTDOOR



PUBLIC INDOOR













PUBLIC OUTDOOR



HEAVY TRAFFIC

TECHNICAL TABLE PORCELAIN STONEWARE

 Conforming to standards **EN 14411 ISO 13006 APPENDIX G GROUP BIa UGL con Ev ≤ 0,5%**

CARATTERISTICA TECNICA	METODICA DI PROVA	RIFERIMENTO NORMA		VALORE PRODOTTO	
		7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)		
 Dimensioni	EN ISO 10545-2	Lunghezza e larghezza	±0.9	±0.6 ±2.0	Rettificato ±0.2%
		Spessore	±0.5	±5.0 ±0.5	±5%
		Rettilineità spigoli	±0.75	±0.5 ±1.5	±0.2%
		Ortogonalità	±0.75	±0.5 ±2.0	±0.2%
		Planarità	±0.75	±0.5 ±2.0	±0.2%
		Aspetto: percentuale di piastrelle accettabili nel lotto	95 % min.	95 % min.	-
 Assorbimento d'acqua %	EN ISO 10545-3	Ev ≤ 0,5%		< 0,1 %	
 Resistenza alla flessione Sforzo di rottura	EN ISO 10545-4	Valore medio 35 N/mm ² min. sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N		45 N/mm ² 2300 N (9 mm) - 1350 N (6 mm) 12500 N (20 mm)	
 Resistenza all'abrasione profonda	EN ISO 10545-6	175 mm ³ max.		Medio < 150 mm ³	
 Coefficiente di dilatazione termica lineare	EN ISO 10545-8	Valore dichiarato		6,8 MK-1	
 Resistenza agli sbalzi termici	EN ISO 10545-9	Test superato in accordo con ISO 10545-1		* Resistente	
 Resistenza al gelo	EN ISO 10545-12	Test superato in accordo con ISO 10545-1		* Resistente	
Resistenza a basse concentrazioni di acidi e alcali		Valore dichiarato		* Resistente	
 Resistenza ad alte concentrazioni di acidi e alcali	EN ISO 10545-13	Valore dichiarato		* Resistente	
Resistenza ai prodotti chimici di uso domesticow e agli additivi per piscina		UB min.		UA	
 Resistenza alle macchie di piastrelle non smaltate naturali	EN ISO 10545-14	Valore dichiarato		* Resistente	
 Resistenza alla scivolosità	EN 16165	Annex A		Valore dichiarato	
		Annex B		Valore dichiarato	
	B.C.R.A. - D.M.236/ 89	Dove richiesto		> 0,40 Dry / > 0,40 Wet	
	ANSI A326.3	Dove richiesto		≥ 0,42 Wet	



Assessed by Ongreening
 This product contributes to major green rating systems.
 For more info visit Ongreening.com





Marmi di Impronta



PAVIMENTO



RIVESTIMENTO














INTERNO RESIDENZIALE



INTERNO PUBBLICO

TECHNICAL TABLE PORCELAIN STONEWARE

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PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES		
 Sizes	EN ISO 10545-2				
			N ≥ 15 cm (%) (mm)	Rectified	
		Length and width	±0.6	±2.0	±0.2 %
		Thickness	±5.0	±0.5	±0.6 %
		Linearity	±0.5	±1.5	±0.2 %
		Wedging	±0.5	±2.0	±0.2 %
		Warpage	±0.5	±2.0	±0.2 %
		Curvature of the center	±0.5	±2.0	
		Curvature of the corner	±0.5	±2.0	
		Buckling	±0.5	±2.0	
		Appearance: percentage of acceptable tiles, per lot	95% of the tiles free from visible defects		
 Water absorption %	EN ISO 10545-3	Ev ≤ 0,5%	Accordant		
 Modulus of rupture	EN ISO 10545-4	Min 35 N/mm ²	Accordant		
Breakage resistance		sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N	Accordant		
 Scratch resistance	EN ISO 10545-6	Requested	See the single tile		
 Thermal expansion coefficient	EN ISO 10545-8	* Test method available	6,8 MK-1		
 Thermal shock resistance	EN ISO 10545-9	* Test method available	* Resistant		
 Determination of resistance to crazing		Requested	* Resistant		
 Frost resistance	EN ISO 10545-12	Requested	* Resistant		
Resistance to low concentration of acids and alkali		As declared by the producer	* Resistant		
 Resistance to high concentration of acids and alkali	EN ISO 10545-13	Test method available	* Resistant		
Resistance to domestic chemicals and additives for swimming pools		GB min.	Accordant		
 Stain resistance of unglazed matte porcelain	EN ISO 10545-14	Declared Value	* Resistant		
 Friction coefficient (slipperiness)	B.C.R.A. - D.M.236/ 89	If needed	Valore disponibile a richiesta		