

LOFT

SPECIFICATION

PORCELAIN STONEWARE


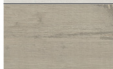



MATERIAL

Porcelain stoneware.

Classified in GROUP BIa UGL CON $E_p \leq 0,5\%$.

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

Loft, wood effect collection, enhances the value of wooden surfaces transformed by nature and time. Repainted and regenerated, it adds authenticity and softness to an industrial style and is used together with harder materials such as cement, metal and steel. The two coordinated technologies 9,5mm (sizes: 20x160, 30x120 and 20x120) and 20mm thickness (size 30x120) play a fundamental role in maintaining the dialogue between internal and external, thus pursuing new aesthetic and technical goals. Warm and enveloping, Loft perfectly interprets the vintage look of recovered wood. The graphic motifs - typical of the material characterize the surface with knots, veins and different color tones - are declined in the most modern and trendy shades.

COLOR		SIZES	SURFACE	THICKNESS
	CHALK	MATTE RECTIFIED 20x160 (8"x64") . 30x120 (11 ⁷ / ₈ "x48") . 20x120 (8"x48") ANTISLIP RECTIFIED (20 MM) 30x120 (11 ⁷ / ₈ "x48") (only CHALK, COTTON, LEATHER)	MATTE ANTISLIP (20 MM)	9,5 MM
	COTTON			
	PLASTER			
	LEATHER			20 MM
	LAVA			

PROCESS

Product obtained from exceptionally pure, choice quality raw materials, including light-coloured clays, feldspar fluxes, kaolins, sands and coloured ceramic pigments. Pressing in hydraulic presses allows a pressure of over 500kg/cm² to be applied to the product, guaranteeing dimensional precision, planarity and high mechanical strength.

The product's colours and patterns are achieved with the innovative Digital Technology.

The materials are fired in single-layer roller kilns at temperatures of over 1,220°C.

GREEN BUILDING: CERTIFIED ENVIRONMENTAL SUSTAINABILITY

The tiles in the Loft 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

Color Type



LOFT



FLOOR



WALL



FACING SYSTEMS



RESIDENTIAL INDOOR



RESIDENTIAL OUTDOOR



PUBLIC INDOOR



PUBLIC OUTDOOR



HEAVY TRAFFIC

TECHNICAL TABLE PORCELAIN STONEWARE

CONFORMING TO STANDARDS

EN 14411 ISO 13006 ANNEX G GROUP B1a UGL CON Eb ≤ 0,5%

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES			
			7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)		
Sizes	EN ISO 10545-2		Length and width	±0.9	±0.6 ±2.0	Rectified Conforming
			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, per lot	95 % min.	95 % min. -	
Water absorption %	EN ISO 10545-3	Eb ≤ 0,5%	Conforming			
Modulus of rupture	EN ISO 10545-4	Valore medio 35 N/mm ² min.	Conforming			
Breakage resistance		sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N	Conforming			
Scratch resistance	EN ISO 10545-6	175 mm ³ max.	Average < 150 mm ³			
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			
Brilliance			More or equal to that of marble and granite			
Color resistance to light	DIN 51094	No noticeable color change.	No alteration after testing			
Friction coefficient (slipperiness)	DIN 51130		Declared value			
	DIN 51097		Declared value			
	B.C.R.A. - D.M.236/ 89	If needed	> 0,40 Dry / > 0,40 Wet			
	ASTM C1028-2007		> 0,60 Dry / ≥ 0,60 Wet			
	ANSI A 137.1-2012		≥ 0,42 Wet			