



STONE MIX

SPECIFICATION PORCELAIN STONEWARE

MATERIAL

Porcelain stoneware.

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

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

Stone Mix is an evolution of stone effects that opens up new aesthetic representations.

The collection represents calibrated mix of stones, selected in consistent types.

A novel variability, not found in nature. 6 colors in modern and modular sizes and an antislip surface in size 30x60cm - 11^{7/8}"x23^{5/8}" R11 A+B+C to cover all project requirements.

COLOR			SIZES	SURFACE	THICKNESS
	STRIATO WHITE	V3	<p>MATTE RECTIFIED 80x180 (32"x64") . 60x120 (23^{5/8}"x48") . 45x90 (17^{3/4}"x36") . 22,5x90 (9"x36") . 60x60 (23^{5/8}"x23^{5/8}") . 30x60 (11^{7/8}"x23^{5/8}") . 20x60 (8"x23^{5/8}") . 10x60 (4"x23^{5/8}")</p> <p>ANTISLIP NOT RECTIFIED 30x60 (11^{7/8}"x23^{5/8}")</p> <p>ANTISLIP RECTIFIED (20 MM) 60x60* (23^{5/8}"x23^{5/8}") . 60x120** (23^{5/8}"x48") (*only QUARZITE GREY, ARDESIA BLACK) (**only QUARZITE GREY)</p>	<p>MATTE</p> <p>ANTISLIP</p> <p>ANTISLIP (20 MM)</p>	<p>9,5 MM</p> <p>20 MM</p>
	TRAVERTINO CREAM	V4			
	LIMESTONE HONEY	V2			
	LIMESTONE BROWN	V2			
	QUARZITE GREY	V3			
	ARDESIA BLACK	V3			

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 Stone Mix 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





STONE MIX



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 BIa 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
			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. -	Rectified Conforming
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 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
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