



ITALGRANITI

WHITE EXPERIENCE

SPECIFICATION
PORCELAIN STONEWARE



MATERIAL

Porcelain stoneware.

Classified in GROUP Bla UGL CON $E_b \leq 0,5\%$ and GROUP Bla GL CON $E_b \leq 0,5\%$.

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

White Experience is a project that starts from a careful research on the existing treatments of the real marbled surfaces. 3 shades of marble (Apuano, Statuario and Pulpis) and 7 different surfaces (4 unglazed, 2 glazed and one antislip finish R11 A+B+C). Every single surface has its own different peculiarity to the touch. This peculiarity is enhanced through the laying of all the finishes mixed together. The details of the Statuario and Apuano marble have been reproduced through the 6 surfaces of white body wall tiles (shiny Statuario, satin Statuario Velluto, Shiny Apuano, satin Inciso Velluto, satin Cubo Velluto, shiny Royal item). The surfaces and the 3d decorations, according with the new finishes, express the very best of white marble effect in ceramics and make this collection ideal for bathroom wall coverings.

COLOR			SIZES	SURFACE	THICKNESS
	APUANO	V3	POLISHED RECTIFIED (MEGA) 160x320* (62"x125") . 120x240 (48"x96") . 120x120 (48"x48") (*only APUANO, PULPIS)	POLISHED (MEGA)	6MM (MEGA)
	PULPIS	V2	POLISHED RECTIFIED 80x180 (32"x72") . 80x80 (32"x32") . 60x120 (23 5/8"x48") . 20x120 (8"x48") . 60x60 (23 5/8"x23 5/8") . 30x60 (11 7/8"x23 5/8") . 20x60 (8"x23 5/8") . 10x60 (4"x23 5/8") . 10x30 (4"x11 7/8")	POLISHED	
	STATUARIO	V2	MATTE RECTIFIED 60x120 (23 5/8"x48") . 20x120 (8"x48") . 60x60 (23 5/8"x23 5/8") . 30x60 (11 7/8"x23 5/8") . 20x60 (8"x23 5/8") . 10x60 (4"x23 5/8") . 10x30 (4"x11 7/8")	MATTE	9,5 MM
			AGED FINISH RECTIFIED / RIBBED RECTIFIED / BRUSHED RECTIFIED / FLAMED RECTIFIED 60x120 (23 5/8"x48") . 20x120 (8"x48") . 60x60 (23 5/8"x23 5/8") . 30x60 (11 7/8"x23 5/8") . 20x60 (8"x23 5/8") . 10x60 (4"x23 5/8") . 10x30 (4"x11 7/8")	AGED FINISH	
			ANTISLIP RECTIFIED 60x60 . 30x60	RIBBED	
				BRUSHED	
				FLAMED	
				ANTISLIP	

PROCESS

UGL: 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.

GL: Slabs obtained by pressing a pale-coloured spray-dried body mix of choice clays, glazed with satined glazes. Tiles are machined after cooking with the lapping process, that make them shiny and silky like natural stones. The colours are obtained using high-purity colorant oxides. The patterning is produced with the innovative DIGITAL TECHNOLOGY which offers an appearance of unrivalled beauty by re-creating the countless vein patterns of the different types of marble in high definition and with a precision in the details that make it difficult, if not impossible, to distinguish the material from the natural stones. The materials are fired in single-layer roller kilns at temperatures of over 1,200°C.

GREEN BUILDING: CERTIFIED ENVIRONMENTAL SUSTAINABILITY

The tiles in the White Experience 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





ITALGRANITI

WHITE EXPERIENCE



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				
	Sizes	EN ISO 10545-2	7cm ≤ N < 15 cm		N ≥ 15 cm		<div>Rectified</div> <div>Conforming</div>	
			(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, 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/mm² 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	EN ISO 10545-13	Declared value			* Resistant		
	Resistance to high concentrations of acids and alkali		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	



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FLOOR



WALL



RESIDENTIAL INDOOR














PUBLIC INDOOR

TECHNICAL TABLE PORCELAIN STONEWARE

CONFORMING TO STANDARDS

EN 14411 ISO 13006 ANNEX G GROUP BIa GL CON Eb ≤ 0,5%

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES
 Sizes	EN ISO 10545-2	N ≥ 15 cm	
			(%) (mm)
		Length and width	±0.6 ±2.0
		Thickness	±5.0 ±0.5
		Linearity	±0.5 ±1.5
		Wedging	±0.5 ±2.0
		Warpage	±0.5 ±2.0
		Centre curvature	±0.5 ±2.0
		Déformation du bord	±0.5 ±2.0
		Warpage	±0.5 ±2.0
 Water absorption %	EN ISO 10545-3	Eb ≤ 0,5%	Rectified
			Conforming
 Modulus of rupture	EN ISO 10545-4	Min 35 N/mm ²	Conforming
			Conforming
 Breakage resistance		sp. >= 7,5 mm: min 1300 N	Conforming
		sp. < 7,5 mm: min 700 N	
 Abrasion resistance	EN ISO 10545-7	Required	See single tile picture
 Thermal expansion coefficient	EN ISO 10545-8	* Testing method available	6,8 MK ⁻¹
 Thermal shock resistance	EN ISO 10545-9	* Testing method available	* Resistant
 Glaze crazing resistance	EN ISO 10545-11	Required	* Resistant
 Frost resistance	EN ISO 10545-12	Required	* Resistant
Resistance to low concentrations of acids and alkali		See manufacturer's declaration	* Resistant
Resistance to high concentrations of acids and alkali	EN ISO 10545-13	* Testing method available	* Resistant
Resistance to domestic chemicals and additives for swimming pools		GB min.	Conforming
 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	See single tile picture