







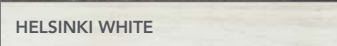
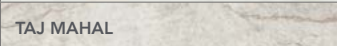
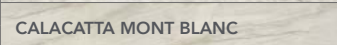

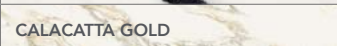
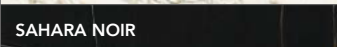

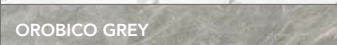

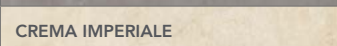




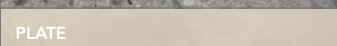
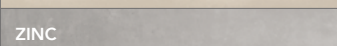
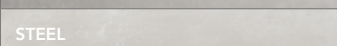
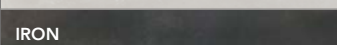

SPECIFICATION PORCELAIN STONEWARE

MATERIAL

Porcelain stoneware.

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

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

COLLECTIONS		COLORS	SURFACES	 160x320x0,6 cm 627/8" x 125 3/4" x 1/4"	 120x260x0,6 cm 47 1/4" x 102 1/8" x 1/4"
MARBLE EFFECT	LUX EXPERIENCE	 STATUARIETTO	MATTE	•	•
		 PIETRA GREY	POLISHED	•	•
		 HELSINKI WHITE	MATTE	•	•
		 TAJ MAHAL	POLISHED	•	•
		 CALACATTA MONT BLANC	MATTE	•	•
		 PANDA WHITE	POLISHED	•	•
	MARBLE EXPERIENCE	 CALACATTA GOLD	MATTE	•	•
		 SAHARA NOIR	POLISHED	•	•
		 STATUARIO LUX	MATTE	•	•
		 OROBICO GREY	POLISHED	•	•
	WHITE EXPERIENCE	 PULPIS	POLISHED	•	•
	BEIGE EXPERIENCE	 CREMA IMPERIALE	POLISHED	•	•
STONE EFFECT	SILVER GRAIN	 WHITE	MATTE	•	•
		 GREY	MATTE	•	•
		 DARK	MATTE	•	•
CEPPO DI GRÉ	 GREY	MATTE	•	•	
METAL EFFECT	METALINE	 PLATE	MATTE		•
		 ZINC	MATTE		•
		 STEEL	MATTE	•	•
		 IRON	MATTE	•	•
		 CORTEN	MATTE	•	•

GREEN BUILDING: CERTIFIED ENVIRONMENTAL SUSTAINABILITY

The tiles in the Mega 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





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 Ev ≤ 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 ±0.2 %
			Thickness	±0.5 ±5.0 ±0.5	±5 %
			Linearity	±0.75 ±0.5 ±1.5	±0.2 %
			Wedging	±0.75 ±0.5 ±2.0	±0.2 %
			Warpage	±0.75 ±0.5 ±2.0	±0.2 %
			Appearance: percentage of acceptable tiles, per lot	95 % min. 95 % min. -	
Water absorption %	EN ISO 10545-3	Ev ≤ 0,5%		< 0,1%	
Modulus of rupture		Valore medio 35 N/mm ² min.		45 N/mm ²	
Breakage resistance	EN ISO 10545-4	sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N		2500 N (9 mm)	
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	
Friction coefficient (slipperiness)	DIN 51130			Declared value	
	DIN 51097	If needed		Declared value	
	B.C.R.A. - D.M.236/ 89			> 0,40 Dry / > 0,40 Wet	
	ANSI A326.3			≥ 0,42 Wet	



FLOOR



WALL



RESIDENTIAL INDOOR



PUBLIC INDOOR

TECHNICAL TABLE PORCELAIN STONEWARE

CONFORMING TO STANDARDS

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

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	N ≥ 15 cm		PRODUCT VALUES	
			(%)	(mm)		
Sizes	EN ISO 10545-2		Length and width	±0.6	±2.0	±0.2 %
			Thickness	±5.0	±0.5	±0.5 %
			Linearity	±0.5	±1.5	±0.2 %
			Wedging	±0.5	±2.0	±0.2 %
			Warpage	±0.5	±2.0	±0.2 %
			Centre curvature	±0.5	±2.0	
			Déformation du bord	±0.5	±2.0	
			Warpage	±0.5	±2.0	
			Surface quality	95% of tiles with no visible flaws		
Water absorption %	EN ISO 10545-3	Ev ≤ 0,5%			Conforming	
Modulus of rupture		Min 35 N/mm ²			Conforming	
Breakage resistance	EN ISO 10545-4	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	