

Heirloom



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			
			7 cm ≤ 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		Valore medio 35 N/mm ² min.			Conforming	
Breakage resistance	EN ISO 10545-4	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	