

TECHNICAL FEATURES

TECHNICAL FEATURES GLAZED PORCELAIN STONEWARE

CONFORMING TO EUROPEAN STANDARDS EN 14411 ISO 13006 APP. G (GROUP BIA GL EB $\leq 0,5\%$)

	TECHNICAL FEATURES	TESTING METHOD	REFERENCE STANDARD			TEST RESULTS
	Sizes	EN ISO 10545-2		7cm≤N<15cm	N ≥ 15 cm	Compliant
			• Length and width	±0,9mm	±0,6%	±2,0mm
			• Thickness	±0,5mm	±5,0%	±0,5mm
			• Linearity	±0,75mm	±0,5%	±1,5mm
			• Wedging	±0,75mm	±0,5%	±2,0mm
			• Warpage	±0,75mm	±0,5%	±2,0mm
			• Appearance: percentage of acceptable tiles, per lot	95%min.		
	Water absorption	EN ISO 10545-3	Eb < 0,5%			Compliant
	Modulus of rupture	EN ISO 10545-4	Min. 35N/mm²			Compliant
	Abrasion resistance	EN ISO 10545-7	CLASSI 0-5			From 4 to 5
	Thermal expansion coefficient	EN ISO 10545-8	Declared value			≤9MK-1
	Thermal shock resistance	EN ISO 10545-9	Pass according to ISO 10545-1			Resistant
	Glaze crazing resistance	EN ISO 10545-11	Required			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			From GLA to GLB
	Resistance to high concentrations of acids and alkali		Declared value			From GHA to GHB
	Resistance to domestic chemicals and additives for swimming pools		GB min.			GA
	Stain resistance of glazed porcelain	EN ISO 10545-14	Class 3 min			CLASS 5



V3 HIGH