




















Barrique

TECHNICAL FEATURES GLAZED FINE PORCELAIN STONEWARE - ISO 13006 BIa GL

Physical / Chemical Properties		Standard of Test	Mean Value		
	Dimensions	ISO 10545-2	Floor Tile	Wall Tile	
	Length and Width		W	±0.6%max	±0.6%max
			10 test	±0.5%max	±0.5%max
	Thickness		±0.5%max	±0.5%max	
	Straightness of Sides		±0.5%max	±0.5%max	
	Rectangularity		±0.6%max	±0.6%max	
	Surface Flatness		±0.5%max	±0.5%max	
	Shade variations	-	 V3 Moderate Variation	 V2 Slight Variation	
	Water absorption	ISO 10545-3	15x60.8: E 0.5% 10x0: 3% E 0.5% BIb GL	3% E 0.5% BIb GL	
	Frost resistance	ISO 10545-12	Frost Proof	-	
	Resistance to thermal shock	ISO 10545-9	Resistant	-	
	Colour resistance to light	DIN 51094	Resistant	Resistant	
	Linear thermal expansion coefficient (50°/400°)	ISO 10545-8	Test Method Available	Test Method Available	
	Crazing resistance of glazed tiles	ISO 10545-11	Resistant	Resistant	
	Resistance to surface abrasion of glazed tiles	ISO 10545-7	Class 4	Class 4	
	Resistance to household chemicals	ISO 10545-13	Class GA	Class GA	
	Resistance to low concentrations of acids and bases		Class GL-A	Class GL-A	
	Resistance to stains of glazed tiles	ISO 10545-14	Class 5	Class 5	
	Bending strength	ISO 10545-4	$R \geq 35 \text{ N/mm}^2$	$R \geq 22 \text{ N/mm}^2$	
			$S \geq 1300 \text{ N}$	$S \geq 1000 \text{ N}$	
	Anti-slip properties	DIN51130	R10	-	
		ASTM C 1028	DRY: $\mu > 0.60$ - WET: $0.50 \leq \mu \leq 0.60$	-	
	Lead and cadmium given off by glazed tiles	ISO 10545-15	Test Method Available	Test Method Available	