



genesis
loft

Technical Specification

TECHNICAL FEATURES GLAZED FINE PORCELAIN STONEWARE - ISO 13006 BIa GL			
	Technical Characteristics	Standard of Test	Mean Value
	Length and Width	Deviation of the average size for each tile from the work size (%) > 410 cm ² +/- 0.6% - ≤ 410 cm ² +/- 0.75%	± 0.3%
		Deviation of the average size for each tile from the average size to the 10 test specimens (%) +/- 0.5%	± 0.3%
	Straightness of Sides	± 0.5%	± 0.2%
	Thickness	± 5%	± 2%
	Rectangularity	± 0.5%	± 0.2%
	Water absorption	≤ 0.5% GRUPPO BIa GL	0.05%
	Moduls of rupture and breaking strength	S ≥ 1300 N	S ≥ 1300 N
		R ≥ 35 N/mm ²	R ≥ 35 N/mm ²
	Resistance to surface abrasion of glazed tiles	–	Class 4
	Linear thermal expansion coefficient (50°/400°)	–	6.9x10 ⁻⁶ °C-1
	Resistance to thermal shock	No samples must show visible alteration	Resistant
	Frost resistance	No samples must show visible alteration	Frost Proof
	Resistance to chemical attack (except hydrofluoric acid)	No samples must show visible alteration	Class GA-GLA
	Resistance to stains of glazed tiles	No samples must show visible alteration	Class 5
	Color resistance to light	No notable color change	No alteration
	Skid resistance. Average coefficient to friction.	B.C.R.A. REP. CEC. 6/81	0.40 < μ ≤ 0.70
		DIN 51130 ≥ R9	R10