











TECHNICAL SPECIFICATIONS

Unglazed porcelain stoneware slabs. Dry-pressed ceramic tiles. Quality specifications according to control tests of E.N. 14411. Appendix G group B1a UGL.		REFERENCE STANDARD	STANDARD REQUIREMENTS	TEST RESULTS
	Product area S (cm ²)		N ≥ 15 cm (%) (mm)	Polished, Brushed, Matte, Honed
	Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ISO 10545-2	±0,6% ±2,0 mm	±0,6% ±2,0 mm
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO 10545-2	±5,0% ±5,0 mm	±5,0% ±0,5 mm
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO 10545-2	±0,5% ±1,5 mm	±0,5% ±1,5 mm
	Maximum right angle deviation, in %, in relation to the corresponding production dimensions	ISO 10545-2	±0,5% ±2,0 mm	±0,5% ±2,0 mm
	Flatness (curving in the middle, corner and warping)	ISO 10545-2	±0,5% ±2,0 mm	±0,5% ±2,0 mm
	% Water absorption	ISO 10545-3	< 0,5%	E < 0,5%
	Resistance to abrasion of glazed tiles (Polished)	ISO 10545-7	Not applicable	Class IV
	Resistance to deep abrasion of unglazed tiles (Brushed, Matte, Honed)	ISO 10545-6	< 175 mm ³	< 150 mm ³
	Breaking strength in N (thickness <7,5mm)	ISO 10545-4	≥ 700	≥ 700
	N/mm ² flexural strength test	ISO 10545-4	35 min	≥ 35 N/mm ³
	Thermal shock resistance	ISO 10545-9	Not applicable	Resistant
	Frost resistance	ISO 10545-12	Required	Resistant
	Resistance to staining	ISO 10545-14	Available testing method	Polished Class 3-4 Brushed Class 4 Matte Class 4 Honed Class 3
	Release of hazardous substances	ISO 10545-15	Not applicable	Absent
	Resistance to low concentrations of acids and alkalis	ISO 10545-13	Not applicable	Polished Class GLB Brushed Class ULA Matte Class ULA Honed Class ULB
	Resistance to domestic chemical products and additives for swimming pools	ISO 10545-13	Polished, Brushed, Matte – MIN B, Honed –UB MIN	Polished Class GA Brushed Class UA Matte Class UA Honed Class UA
	Slip Resistance (Wet pendulum test)	AS 4586:2013	Not applicable	Polished Class P0 (D1) Brushed Class P1 Matte Class P2 Honed Class P1
	Heat and Smoke Release rates	AS/NZS 3837-1998	Not applicable	Group 1