PORCEMALL®

GLAZED PORCELAIN TILES TECHNICAL CHARACTERISTICS

Product name: 120X120 STATUARIO

Date:10.06.2024

Norms	Technical Characteristics		Required Values	Product Declared Values *
EN ISO 10545-2	Dimensions and surface quality	Length and width	± % 0,6 (± 2,0 mm)	± % 0,15
		Thickness	± % 5 (± 0,5 mm)	8,5mm ± 0,5 mm
		Straightness of sides	± % 0,5 (± 1,5 mm)	± % 0,3
		Rectangularity	± % 0,5 (± 2,0 mm)	± % 0,3
		Centre - edge curvature - warpage	± % 0,5 (± 2,0 mm)	+ % 0,2 / - % 0,1
		Surface quality	% 95	95%
EN ISO 10545-3	Water absorption %		≤ % 0,5 (individual max. % 0,6)	≤ % 0,15
EN ISO 10545-4	Breaking strength (N)	thickness ≥ 7,50mm	min. 1300 N	min. 1800 N
		thickness < 7,50mm	min. 700 N	-----
	Modulus of rupture (N/mm²)		min. 35 N/mm²	min. 40 N/mm²
EN ISO 10545-5	Impact resistanca as, coefficient of restitution (cor)		Declared value	Resistant
EN ISO 10545-7	Abrasion resistance		Abrasion class and cycles passed	3
EN ISO 10545-8	Linear thermal expansion		Declared value	$6,00 \times 10^{-6}$ - $7,50 \times 10^{-6}$
EN ISO 10545-9	Thermal shock resistance		Required	Resistant
EN ISO 10545-10	Moisture expansion		Declared value	0,01%
EN ISO 10545-11	Crazing resistance		Required	Resistant
EN ISO 10545-12	Frost resitance		Required	Resistant
EN ISO 10545-13	Resistance to low concentrations of acids and alkalis		Declared value	LA/LB - Resistant
	Resistance to high concentrations of acids and alkalis		Declared value	HB - Resistant
	Resistance to household chemicals and swimming pool salts		min. B	A - Resistant
EN ISO 10545-14	Resistance to staining		min. 3.class	min. 4.class
EN ISO 10545-15	Release of dangerous substance Lead - Cadmium		Declared value	Pb < 0,1 Cd < 0,01
ASTM C 1028-96	Static friction coefficient		Declared value	(WET):0,35 (DRY):0,51
CEN/TS 16165	**PENDULUM.**		Declared value	-----
DIN 51130-51097 CEN/TS 16165	Slipperiness		Declared value	-----
EN 12004:2007+A1:2012,4,1	Bond strength adhesion	Cementitious adhesives	Declared value	≥ 1,0 N/mm2 Tip C2
EN 12004:2007+A1:2012,4,2		Dispersion adhesives	Declared value	
EN 12004:2007+A1:2012,4,3		Reaction resin adhesives	Declared value	
		Mortar	Declared value	
	Reaction to fire		A1 or $A1_{FL}$	A1 or $A1_{FL}$
CEN/TS15209	Tactility		Declare surface description	Declare surface description

Notes

* EN 14411 Dry pressed ceramic tiles with low water absorption Ek G (Grup Bla) E < %0,5 glazed (GL)

* The test results refer only to first choice items and they do not regard the trimtiles. The values are based on average production values.