

TEST REPORT

Format	45x45	Product	Glazed Porcelain - Matt
Thickness	9mm	Group	Floor Tile - Group Blla

TEST	STANDARD	RESULTS
Water Absorption	ISO 10545-3 ASTM C373	3% < E < 6%
Length & Width	ISO 10545-2 ASTM C499	± 0,6% / ± 2,0mm
Thickness	ISO 10545-2 ASTM C499	± 5% / ± 0,5mm
Straightness of sides	ISO 10545-2 ASTM C485	± 0,5% / ± 1,5mm
Surface Planarity	ISO 10545-2 ASTM C485	± 0,5% / ± 2,0mm
Rectangularity	ISO 10545-2 ASTM C502	± 0,5% / ± 1,5mm
Surface Quality	ISO 10545-2	>95%
Modulus of Rupture	ISO 10545-4 ASTM C648	> 22 N/mm ²
Bending Strength	ISO 10545-4 ASTM C482	> 1000 N
Crazing Resistance	ISO 10545-12 ASTM C1026	Pass
Thermal Expansion	ISO 10545-8 ASTM C372	
Thermal Shock	ISO 10454-9	Pass
Slipperiness (Pendulum Test)	UNE-ENV-12633	C2
Dynamic Coefficient of Friction (Dcof)	ANSI A 137	>0,42
Slip Resistance Test (PTV) - Wet conditions	BS-7976-2	+36
Critical Angle (Footwear)	DIN-51130	R-10
Surface Abrasion Resistance (PEI)	ISO 10545-7	4
Surface Hardness (MOHS)	UNE 67-101	6
High Concentration Chemical Resistance	ISO 10545-13 ASTM C650	HA/HA/HA
Low Concentration Chemical Resistance	ISO 10545-13 ASTM C650	LA/LA/LA
Domestic Cleaning Products and Swimming Pool Salts	ISO 10545-13 ASTM C650	A/A
Stain Resistance	ISO 10545-14 ASTM CTI 81-7	5/ - /5/5