

Technical Characteristics

GLAZED CERAMIC TILES

TEST ITEM		REFERENCE STANDARD	STANDARD REQUIREMENTS	TEST RESULTS
WATER ABSORPTION		ISO 10545-3	1% - <3%	0,78%
BREAKAGE PRESSURE (N)		ISO 10545-4	≥600N	1463N
SURFACE QUALITY		ISO 10545-2	95% of the tiles will not show any surface defects inspected with the naked eye from 1 meter distance	Conforming
SURFACE FLATNESS	Center bending strength	ISO 10545-2	±0.5	-0.07%~±0.03%
	Warpage	ISO 10545-2	±0.5	0~±0.16%
	Side bending strength	ISO 10545-2	±0.5	0~±0.17%
SIDE DEVIATION		ISO 10545-2	±0.6%	0~±0.13%
SIDE LENGH		ISO 10545-2	±0.6%	0~±0.13%
RECTANGULARITY		ISO 10545-2	±0.6%	0.08%~±0.08%
STRAIGHTNESS OF SIDES		ISO 10545-2	±0.5%	0.03%~±0.03%
RESISTANCE TO SURFACE ABRASION		ISO 10545-7	2100,6000,12000	CLASS 4 Failure visible at 2100 revolutions
SLIP RESISTANCE-WET PENDULUM TEST		AS4586-2013	METHOD SLIDER 96: SRV 35-44	P3 (SRV 43)
RESISTANCE TO CHEMICAL		ISO 10545-13	NO DAMAGE	NO DAMAGE
STAIN RESISTANCE		ISO 10545-14	MIN.CLASS 3	CLASS 4