

TECHNICAL DATA ■ WALL TILE 300X600X10.30 mm.

CHARACTERISTICS	STANDARD OF TEST	REQUIRED VALUE		IMEX GLAZE CERAMIC WALL TILE	
				Non-Rectified 300X300	Rectified 300X300
LENGTH AND WIDTH	ISO 10545-2	±0.5 %		±0.5 %	±0.2 %
THICKNESS		±10 %		±0.2 %	±0.2 %
STRAIGHTNESS OF SIDE		±0.3 %		≤1.0 %	≤0.6%
RECTANGULARITY		±0.5 %		≤1.0 %	≤0.6 %
SURFACE FLATNESS Convex(+) / Concave(-)		Non-Rectified ±0.8 % /- 0.2%	Rectified ±0.5 % /- 0.3%	≤±1.0 % /- 0.4	≤±1.0 % /- 0.4
WATER ABSORPTION (%)	ISO 10545-3	Max.20%		≤16 %	≤16 %
MODULUS OF RUPTURE, IN N/mm ²	ISO 10545-4	≤15 N/mm ²		≤20 N/mm ²	≤20 N/mm ²
THERMAL SHOCKS RESISTANCE	ISO 10545-9	Test method available			
CRAZING RESISTANCE	ISO 10545-11	Autoclave test 5 bar & lasts 2 hours		Autoclave test 5 bar & 2 hours Pass	Autoclave test 5 bar & 2 hours Pass
FROST RESISTANCE	ISO 10545-12	REQUIRED		RESISTANT	RESISTANT
RESISTANCE TO LOW CONCENTRATIONS OF ACIDS / ALKALIS AGENT	ISO 10545-13	Test method available		CLASS GLB/GLC	CLASS GLB/GLC
RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS / ALKALIS AGENT		Test method available		MINIMUM CLASS GHC	MINIMUM CLASS GHC
RESISTANCE TO HOUSEHOLD CHEMICALS		MINIMUM CLASS GB		CLASS GA	CLASS GA
DETERMINATION OF STAIN RESISTANCE	ISO 10545-14	RESISTANT		RESISTANT	RESISTANT