

## TECHNICAL SPECIFICATION

TEST DESCRIPTION	TEST METHOD	ISO STANDARD 13006 B1a TILES	VALUE
Length and width	BS EN ISO 10545-2	± 0.6%	± 0.3%
Thickness	BS EN ISO 10545-2	± 5.0%	± 3.0%
Straightness of sides	BS EN ISO 10545-2	± 0.5%	± 0.3%
Rectangularity	BS EN ISO 10545-2	± 0.6%	± 0.3%
Surface flatness	BS EN ISO 10545-2	± 0.5%	± 0.3%
Water absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.05%
Breaking strength	BS EN ISO 10545-4	≥ 1300N	≥ 1500N
Modulus of rupture	BS EN ISO 10545-4	≥ 35 N/mm <sup>2</sup>	≥ 45N/mm <sup>2</sup>
Resistance to deep abrasion	BS EN ISO 10545-6	≤ 175mm <sup>3</sup>	≤ 150mm <sup>3</sup>
Linear thermal expansion	BS EN ISO 10545-8	≤ 9 x 10 <sup>-8</sup> °C <sup>-1</sup>	≤ 7 x 10 <sup>-6</sup> °C <sup>-1</sup>
Thermal shock resistance	BS EN ISO 10545-9	No visible defect	No visible defect
Frost resistance	BS EN ISO 10545-12	Frost proof	Frost proof
Resistance to chemicals	BS EN ISO 10545-13	No visible effect	No visible effect
Resistance to stain	BS EN ISO 10545-14	Manufacturer to state class	Stains removed Min. Class 2
Colour resistance	BS EN ISO 10545-16	No damage	No damage
Colour resistance to UV Light	DIN 51094	No change in color	No change in color
Scratch hardness(MOH's Scale)	EN 101	≥ 6 MOHS	≥ 7 MOHS
Surface quality	BS EN ISO 10545-2	Min. 95%	No visible defect
Skid resistance (friction co-efficient)	BS EN ISO 10545-17	> 0.4	>0.4
Moisture Expansion	-	Nil	Nil



### PACKING DEATILS

Size	Pcs / Box	Weight (Approx)	Thickness (Approx)	SQ. / Box
1200x1800	2	90 kg	9mm	46.50