

technical specifications

24"x48"
600x1200 mm

TEST DESCRIPTION	TEST METHOD	ISO STANDARD 13006 B1a TILES	ITACA 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 ²	≥ 45N/mm ²
Resistance to deep abrasion	BS EN ISO 10545-6	≤ 175mm ³	≤ 150mm ³
Linear thermal expansion	BS EN ISO 10545-8	≤ 9 x 10 ⁻⁸ °C ⁻¹	≤ 7 x 10 ⁻⁶ °C ⁻¹
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 DETAIL

Size	Pcs / Box	Weight (Approx)	Thickness (Approx)	Sq. Ft. / Box
600x1200	2	28 kg	9mm	15.5 Sq. Ft.



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technical features



- Absolute Transparent Grits
- Anti-Slip Surface
- Increasing Life Span of Tile
- Different Particle Size to Get Structural Difference
- Low Reflection (gloss value below than 5)
- High Abrasion Resistance
- Natural Stone Effect
- Long Life Surface Like Natural Marbles
- Creation of Premium Range of Tile (Sumptuous)