

THERMATEK HEAT RESISTANT TILES

SPECIFICATIONS (Ceramic Based – Glossy Grainy & Marble Grainy)

Type	Ceramic
Appearance	White Glossy Grainy & Marble Grainy
Materials Used	Infrared Resistive Composition (Non Degradable)
Tile Thickness	10 MM (+_1MM)
Tile Sizes	300mm × 300mm
Water Permeability	Impervious to Water
Average Water Absorption	5-6%
Modulus of Rupture MOR	22.91 N/mm ²
MOH'S Hardness	6 - 7
Stain Resistance	Class – 1 (ISO – 10545-14)
Surface Abrasion	Class – 4 (ISO – 10545-7)
Crazing Test	10 Cycle OK (ISO – 10545-11)
Chemical Household	Class –B (ISO – 10545-13)
Solar Reflective Index (SRI)	104 (ASTM E 1980)
Reflectance	0.8298 (ASTM E 903)
Emittance	0.862 (ASTM C 1371)
Status	Indian Patent & International Patent Applied

Transwater Asia (Separation Technologies)

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