



Vitrified Tiles

CHARACTERISTIC	International Specifications ISO 13006/*EN-176/IS 15622	SWASTIK NORMS
DIMENSION & SURFACE QUALITY		
Deviation in Length	± 0.6%	± 0.2%
Deviation in Thickness	± 5%	± 3%
Straightness of Sides	± 0.5%	± 0.3%
Surface Flatness	± 0.5%	± 0.2%
Rectangularity	± 0.6%	± 0.4%
Glossiness		Above 70%
PHYSICAL THERMAL PROPERTIES		
Flexural Strength	35N/mm ²	>42 N/mm ²
Water Absorption	<0.5%	<0.05%
Mohs Hardness	>6	>8
Abrasion Resistance	<175 mm ³	<150mm ³
Skid Resistance (Friction Coefficient)	>0.4	>0.4
Breaking Strength	1113 N	2500 N
Density (g/cc)	>2.0	>2.4
Frost Resistance	Frost Proof	Frost Proof
Thermal Shock Resistance	No Damage	No Damage
Thermal Expansion	<9 x 10 ⁻⁶	<6 x 10 ⁻⁶
Moisture Expansion	Nil	Nil
CHEMICAL PROPERTIES		
Chemical Resistance	No Damage	No Damage
Colour Resistance	No Damage	No Damage
Stain Resistance	Resistant	Resistant

SIZE	NO. OF TILES	AREA	
605mmx 605mm	4pcs./box	15.76 sq.ft.	1.464 sq.mtr.
990mmx990mm	2pcs./box	21.10sq.ft.	1.960sq.mtr.

Note : Colour shown in this catalogue are as accurate as printing process limitation allow. Please check actual tile sample before ordering.

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