





















## Grestek / Crystal Collection / Vitrified Tiles

CHARACTERISTIC			
DIMENSION & SURFACE QUALITY	International Specifications ISO 13006/ EN 176 Group & IS 15622 : 2006	ASIAN VALUE	METHOD OF TESTING
 Deviation In Length	±0.6%	±0.1%	ISO 10545 Pt 2
 Deviation In Thickness	±5%	±2%	ISO 10545 Pt 2
 Straightness Of Sides	±0.5%	±0.1%	ISO 10545 Pt 2
 Rectangularity	±0.6%	±0.2%	ISO 10545 Pt 2
 **Surface Flatness	±0.5%	±0.2%	ISO 10545 Pt 2
 **Glossiness	-	Min. 80% Reflection	Glossmeter
PHYSICAL & THERMAL PROPERTIES			
 Water Absorption	<0.5%	<0.05%	ISO 10545 Pt 3
 Mohs Hardness*	>6	8	EN 101
 Flexural Strength	35 N/mm <sup>2</sup>	>46 N/mm <sup>2</sup>	ISO 10545 Pt 4
 Abrasion Resistance**	<175	<144	ISO 10545 Pt 6
 **Skid Resistance (Friction Coefficient)	Resistant	>0.4	ISO 10545 Pt 17
 Breaking Strength	1113 N	2800 N	ISO 10545 Pt 4
 Density (g/cc)	>2.0	>2.4	ISO 10545 Pt 3
 Frost Resistance	Frost Proof	Frost Proof	ISO 10545 Pt 9
 Thermal Shock Resistance	No Damage	No Damage	ISO 10545 Pt 9
 Thermal Expansion	<9 x 10	<6 x 10 <sup>6</sup>	ISO 10545 Pt 8
 Moisture Expansion	Nil	Nil	ISO 10545 Pt 10
CHEMICAL PROPERTIES			
 Chemical Resistance	No Damage	No Damage	ISO 10545 Pt 13
 Colour Resistance	No Damage	No Damage	DIN 51094
 Stain Resistance	Resistant	Resistant	ISO 10545 Pt 14

\* Mohs Hardness Excluded from the standards.  
 \*\* These parameters are not applicable for GRESTEK\* Vitrified Tiles.  
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### Packing Details

No.	Sizes	925x925mm	605x605mm	302.5x605mm	400x900mm
01	Thickness (mm) Approx	11.8 mm	9.3 mm	10 mm	11.8 mm
02	Weight Per Box. (Kgs.) Approx	45	30	24	33
03	No. of Tiles Per Box	2	4	6	3
04	Sq. Mtr. Per Box	1.71	1.464	1.09	1.21

For Individual Decorative Tile in GRESTEK range please refer with Marketing department

