



An ISO 9001-2008 Certified Company



SHREE AMBICA DECOPRINTS PVT LTD

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## TECHNICAL SPECIFICATION

## 600MMX600MM VITRIFIED

	International Specifications ISO 13006/EN 176 Group & IS 15622 : 2006	VALUE	METHOD OF TESTING
Deviation In Length	±0.6%	±0.2%	ISO 10545 - 2
Deviation In Thickness	±5%	±5%	ISO 10545 - 2
Straightness Of Sides	±0.5%	±0.2%	ISO 10545 - 2
Rectangularity	±0.6%	±0.3%	ISO 10545 - 2
**Surface Flatness	±0.5%	±0.3%	ISO 10545 - 2
Surface Quality	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	Compliant	ISO 10545 - 2
<b>PHYSICAL &amp; THERMAL PROPERTIES</b>			
Water Absorption	<0.5%	>0.2%	ISO 10545 - 3
Mohs Hardness*	>6	Compliant	EN 101
Modulus of Rupture	35 N/mm <sup>2</sup>	>46 N/mm <sup>2</sup>	ISO 10545 - 4
Abrasion Resistance**	<175 mm <sup>3</sup>	<144 mm <sup>3</sup>	ISO 10545 - 7
**Skid Resistance (Friction Coefficient)	>0.4	>0.4	ISO 10545 - 17
Breaking Strength	Min 1300 N	> 2000 N	ISO 10545 - 4
Density (g/cc)	>2.0	>2.4	ISO 10545 - 3
Frost Resistance	Required	Compliant	ISO 10545 - 9
Thermal Shock Resistance	10 Cycles Min	Compliant	ISO 10545 - 9
Thermal Expansion	<9 x 10 <sup>-6</sup>	<6 x 10 <sup>-6</sup>	ISO 10545 - 8
Moisture Expansion	Nil	Nil	ISO 10545 - 10
<b>CHEMICAL PROPERTIES</b>			
Chemical Resistance	No Damage	No Damage	ISO 10545 - 13
Colour Resistance	No Damage	No Damage	DIN 51094
Stain Resistance	Resistant	Resistant	ISO 10545 - 14