



# CERAMIC GLAZED TILES

## DESIGN QUALIFYING REPORT

<b>Size</b>		<b>40 cm x 40 cm</b>	
Identification Name		<b>SAND STONE COLLECTION</b>	
<b>CODES</b>	<b>2/79M</b>	<b>Sand Stone – Gray</b>	
	<b>2/75M</b>	<b>Sand Stone – Beige</b>	
	<b>2/78H</b>	<b>Sand Stone – Coffee Brown</b>	
	<b>2/28G</b>	<b>Sand stone – Yellow</b>	
	<b>Description of the Test</b>	<b>Test Method</b>	
1	Length & Width (Average)	ISO 10545.2	H(400.7-402.1),S(399.3-400.7) & G(397.9-399.3)
2	Rectangularity (Average)	ISO 10545.2	0.21 %(Max)
3	Thickness (Average)	ISO 10545.2	8.7 ± 0.2 mm
4	Surface Flatness (Average)	ISO 10545.2	
	Centre Curvature related to the diagonal calculated from work size	ISO 10545.2	0.2 % (Max) (1.0 mm)
	Edge Curvature related to the corresponding work size	ISO 10545.2	0.2 % (Max) (0.9 mm)
	Warpage related to the diagonal calculated from the work size	ISO 10545.2	0.2 % (Max) (1.0 mm)
5	Water Absorption by mass (Average)	ISO 10545.3	5.75% (Max 5.80%)
6	Modulus of Rupture	ISO 10545.4	27.5N/mm <sup>2</sup>
7	Abrasive Resistance (Maximum)	ISO 10545.7	Class III (1500 revolutions)
8	Thermal Expansion	ISO 10545.8	65.5 X 10 <sup>-7</sup> °C <sup>-1</sup>
9	Resistance to Thermal Shock	ISO 10545.9	Resistant
10	Resistance to Cracking	ISO 10545.11	Resistant
11	Frost Resistance	ISO 10545.12	Resistant
12	Determination of Chemical Resistance	ISO 10545.13	Resistant
13	Resistance to Stains	ISO 10545.14	Class I
14	Colour Resistance to light		Resistant
15	Moh's Scale Hardness		6.5 – 7.0

### APPLICATIONS

Product features medium abrasion resistance and significant scratch hardness .As such,it is indicated for flooring semi public Commercial areas as well as for domestic use. Also suitable for exterior use even in wet areas.