



















 GLAZED PORCELAIN TILES					
DESIGN QUALIFYING REPORT					
GLAZED POLISHED COLLECTION					
SIZE 600X1200	CODE & NAME	1MC.SM	MONO COLOUR SATIN MATT WHITE		
FEATURES					
DEMENTION & SURFACE QUALITY					
		Description of the Test	Test Method	International Specification	Royal Porcelain Value
1		Length & Width (Average)	ISO 10545.2	Set by Manufacture	600 mmX1200 mm (Squared)
		Deviation in Length & Width	ISO 10545.2	± 0.6 %	Max ± 0.10 %
2		Thickness (Average)	ISO 10545.2	Set by Manufacture	10.4 mm
		Deviation in Thickness	ISO 10545.2	± 10 %	Max ± 2.0 %
3		Straightness of Sides	ISO 10545.2	± 0.5 % (Max 2 mm)	0.2 % (Max) (1.0 mm)
4		Rectangularity	ISO 10545.2	± 0.6 % (Max 4 mm)	Rectified (Diagonal ±0.3mm)
5		Surface Flatness	ISO 10545.2	± 0.5 % (Max 2 mm)	0.2 % (Max) (1.8 mm)
6		Surface Quality	ISO 10545.2	Min 95 %	Min 95 %
PHYSICAL PROPERTIES					
7		Water Absorption by mass (Average)	ISO 10545.3	< 0.5 %	0.2 % (Max 0.3 %)
8		Modulus of Rupture	ISO 10545.4	> 35 N/mm ²	> 40.0 N/mm ²
9		Abrasive Resistance (Maximum)	ISO 10545.6	Set by Manufacture	Class III (1500 revolutions)
10		Moh's Scale Hardness	EN 101	Set by Manufacture	6.0 – 6.5
11		Density	ISO 10545.3	> 2.0 g/cc	> 2.4 g/c
12		Colour Resistance to light	ISO 10545.16	Resistance	Resistance
THERMAL PROPERTIES					
13		Thermal Expansion	ISO 10545.8	< 90.0 X 10 ⁻⁷ °C ⁻¹	74.0 X 10 ⁻⁷ °C ⁻¹
14		Moisture Expansion	ISO 10545.10	Nil	Nil
15		Resistance to Thermal Shock	ISO 10545.9	Min 10 Cycle	Resistant
16		Resistance to Craziing	ISO 10545.11	Min 4 Cycle	Resistant
17		Frost Resistance	ISO 10545.12	Resistance	Resistant
CHEMICAL PROPERTIES					
18		Chemical Resistance	ISO 10545.13	Resistant	Resistance
19		Resistance to Stains	ISO 10545.14	Min Class III	Class V
RANDOMNESS & DISPLAY OF THE TILES					
20		Display of Tiles	At least 2 tiles should be properly displayed to express random effect		
APPLICATIONS					
Product features are significant abrasion resistance with significant scratch hardness .Therefore it is suitable for flooring in semi traffic commercial areas as well as for domestic use. It is not suitable for wet areas since the smooth surface may be slippery. This is not suitable for the floors those have direct entrances from sand floor because fine scratches may be created by sand and those are more prominent on this white smooth surface.					
Prepared by:-		Manager - QA, R &D		Date	1-Mar-18
Revision No.				Date of Revision	