



SKYTOUCH CERAMIC PVT. LTD.

Survey No.533/P1, Near Pavadiyari Canal, Jetpar Road
At, Shapar, Morbi-363 642. (GUJ) INDIA www.skytouchceramic.com
CIN NO.: -U26955GJ2013PTC077016

TECHNICAL REPORT

DIGITAL GLAZED PORCELAIN(VITRIFIED) TILES

DIMENSIONAL DETAILS (600X600MM X 7.80MM)

NO.	ASPECT	Test methods BS EN ISO	STANDARD	PRODUCTION
				AVERAGE
1	THICKNESS (MM)	ISO 10545-2	±0.3	±0.3MM
2	WIDTH SIZE(MM)	ISO 10545-2	±0.3	±0.3MM
3	LENGTH SIZE(MM)	ISO 10545 -2	±0.3	±0.3MM
4	DAIGONAL(MM)	ISO 10545 -2	±0.5	±0.5MM
5	EDGE CURVATUR	ISO 10545 -2	±0.4	±0.4MM
6	CENTER CARVATUR(VS DIAGONAL)	ISO 10545-2	±0.5	±0.5MM
7	GLOSINESS	94 TO 96	92 TO 95	95 TO 98
8	MODULUS OF RUPTURE(KG/CM2)	400KG/CM2	380KG/CM2	420 KG/CM2
9	SURFACE QUALITY	At least 97 % of the tiles are free of visible defects		
10	WATER ABSORPTION%	E ≤ 0.05%	STD E ≤ 0.5%	E ≤ 0.050%
11	STAIN RESISTANCE	After removing the wax		100% ok in all Pieces
12	SHADE VARIATION	Control in production under standard method		
BOX WEIGHT = 25.200KG (±200gm)				QUALITY CHECK BY :
APPROVED :		QUALITY OK		



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MASSIVE MECHNICAL PROPERTIES		
Breaking strength	ISO 10545 -4	Min. 2000 N
Impact resistance	ISO 10545-5	Min.0.55
SURFACE MECHANICAL PROPERTIES		
Surface abrasion resistance	ISO 10545-7	Minimum class 3
MOH's hardness	EN 101	Min.4
THERMO HYGROMETRIC PROPERTIES		
Frost Resistance	ISO 10545 -12	No damage
Thermal Shock resistance	ISO 10545-9	No damage
Moisture Expansion	ISO-10545-10	Nil
Thermal expansion	ISO -10545 -8	Max.6.5 x 10
Crazing Resistance	ISO -10545-11	Min.10 Cycle
CHEMICAL PROPERTIES		
Chemical resistance	ISO -10545-13	No damage
Stain Resistance	ISO 10545 -14	Resistant
SAFETY PROPERTIES		
Slip Resistance	ISO-10545-17	>0.40
Fire Resistance	N.A	Fireproof
Lead & Cadmium given off	ISO -10545 -15	Does not yield
By Glazed Tiles		Pb & Cd