

TECHNICAL SPECIFICATION			
600X1200MM GLAZED VITRIFIED TILES			
SR NO	CHARACTERISTIC	TEST METHOD	STD AS PER ISO13006:2018 Group B Ia Annex G
DIMENTION AND SURFACE QUALITY			
1	DEVIATION IN LENGTH AND WIDTH	ISO 10545-2	±0.30%
2	DEVIATION IN THICKNESS	ISO 10545-2	±5.00%
3	STRAIGHTNESS IN SIDE	ISO 10545-2	±0.30%
4	RECTANGULARITY	ISO 10545-2	±0.30%
5	SURFACE FLATNESS	ISO 10545-2	±0.40%
6	SURFACE QUALITY	ISO 10545-2	MIN.95% OF TILES SHALL BE FREE FROM VISIBLE DEFECT
PHYSICAL PROPERTIES			
7	WATER ABSORPTION	ISO 10545-2	≤ 0.5%
8	BREAKING STRENGTH THICKNESS	ISO10545-4	MIN.1300.0 N
9	MODULUS OF RUPTURE	ISO10545-4	MIN.35.0 N/mm ²
10	RESISTANCE TO SURFACE ABRATION	ISO10545-7	AS PER MFG.
11	COEFFICIENT OF LINEAR THERMAL EXPANTION AT 100 C	ISO10545-8	TEST METHOD AVAILABLE
12	THERMAL SHOCK RESISTANCE	ISO10545-9	TEST METHOD AVAILABLE
13	CRAZING RESISTANCE AT 7.5.BAR	ISO10545-11	REQUIRED
14	MOISTURE EXPANSION	ISO10545-10	TEST METHOD AVAILABLE
15	IMPACT RESISTANCE(COR)	ISO10545-05	TEST METHOD AVAILABLE
16	BULK DENSITY	ISO10545-03	> 2.22 g/cc
CHEMICAL PROPERTIES			
17	RESISTANCE TO STAIN	ISO10545-14	MIN. CLASS 3
18	RESISTANCE TO HOUSEHOLD CHEMICALS & SWIMMING POOL SALTS GLAZED	ISO10545-13	MINIMUM CLASS B
19	RESISTANCE TO LOW CONCENTRATION OF ACID AND ALKALI	ISO10545-13	MANUFACTURER TO STATE CLASSIFICATION
20	RESISTANCE TO HIGH CONCENTRATION OF ACID AND ALKALI	ISO10545-13	TEST METHOD AVAILABLE

VARMORA GRANITO PVT. LTD.

Head Office : 8-A, National Highway, At. Dhruva, Tal. Wankaner, Dist. Morbi (Gujarat) India. Tel. : +91-98252 23068, E-mail : info@varmora.com
 Corporate Office : A-54, 1st Floor, Elite Auto House, Mathurdas Vasanji Road, Andheri - Kurla Road, Andheri (E), Mumbai-400093,
 Tel. : +91-22-28389790/91/92, Fax : +91-22-28389794, E-mail : mumbai@varmora.com Visit us at : www.varmora.com
 Office : 5-Savsar plot, Opp. Priydarshini Complex, Nr. old Bus Stand, Morbi - 363 641, Gujarat, INDIA.

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