

TECHNICAL SPECIFICATION OF CERAMIC GLAZED COLORED FLOOR TILES				
Sr. No.		REQUIREMENTS	RESULT	Method of Testing
Dimensions & Surface Quality				
1	Length	± 0.3%	± 0.1%	ISO 10545-2
2	Thickness	± 5%	± 3.0%	ISO 10545-2
3	Straightness of Sides	± 0.3%	± 0.1%	ISO 10545-2
4	Rectangularity	± 0.3%	± 0.1%	ISO 10545-2
5	Surface Flatness	± 0.4%	± 0.1%	ISO 10545-2
6	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	Min.98% Tiles Free From Defects	ISO 10545-2
Physical Characteristics				
7	Water Absorption	3% <EB <e 6%	6% <EB <e 8%	ISO 10545-3
8	Moisture Expansion	Test matherd available	0.016MM/M	ISO 10545-10
9	Abrasion Resistance	Report abrasion class and cycles passed	Class 3 1500 rpm pass	ISO 10545-7
Mechanical Characteristics				
10	Flexural Strength (MOR)	≥ 22 N/mm ² (220kg/cm ²)	≥ 26 N/mm ² (270kg/cm ²)	ISO 10545-4
11	Breaking Strength	1100 Newton	1300 Newton	ISO 10545-4
12	Impact Resistance	Test matherd available	0.64	ISO 10545-5
Thermo Photo Characteristics				
13	Thermal Shock Resistance	Test matherd available	Fully resistance	ISO 10545 -9
14	Frost Resistance	Required	N/A	ISO 10545 -12
15	Coficient of Linearmal Expansion	9x10 ⁻⁶ MAX	5.37x10 ⁻⁶	ISO 10545-8
Chemical Characteristics				
16	Chemiactal Resistance : House hold Chemicals & Swimming Pool Salts	Min. Class- GB	Confirm to Classes GA	ISO 10545-13
17	Chemical Resistance: Low Concentrations Acids & Alkalís	Min. Class- GLC	Confirm to Classes GLA	ISO 10545-13
18	Chemical Resistance: High Concentration Acid & Alkalís	Min. Class- GHC	Confirm to Classes GHA	ISO 10545-13
19	Satin Resistance	Min. Class- 3	Confirm to Class- 4	ISO 10545-14

PACKING DETAILS

PRODUCT	DIMENSION(MM)	THICKNESS	SLAB/BOX	COVERAGE AREA/BOX	WEIGHT/BOX (APPROX)
CERAMIC FLOOR TILES	200X1000MM	9.5MM (APPORX)	5 PCS	1 sq.mtr.	20.00 kg
	150X900MM	9.5MM (APPORX)	8 PCS	1.08 sq.mtr.	22.00 kg
	200X1200MM	9.5MM (APPORX)	5 PCS	1.2 sq.mtr.	25.00 kg
	200X1400MM	9.5MM (APPORX)	4 PCS	1.12sq.mtr.	24.00 kg