

Technical Specification

Ceramic Floor Tiles

Floor Tiles - RECTIFIED

Ceramic Floor Tiles - 300x300mm

CHARACTERISTIC					
DIMENSION & SURFACE QUALITY	INTERNATIONAL SPECIFICATIONS ISO 13006/EN 176 GROUP & IS 15622 : 2006	ASIAN VALUE	METHOD OF TESTING	IS 15622 : 2006 SPECIFICATIONS	ASIAN VALUE
Deviation In Length	±0.6%	±0.3%	ISO 10545 Pt 2	±0.4%	±0.4%
Deviation In Thickness	±5%	±4%	ISO 10545 Pt 2	±5.0%	±5.0%
Straightness Of Sides	±0.5%	±0.5%	ISO 10545 Pt 2	±0.3%	±0.3%
Rectangularity	±0.6%	±0.5%	ISO 10545 Pt 2	±0.4%	±0.4%
**Surface Flatness	±0.5%	±0.3%	ISO 10545 Pt 2	±0.5%	±0.5%
Surface Quality	Min 95%	Min. 95%	ISO 10545 Pt 2	Min. 95%	Min. 95%
PHYSICAL & THERMAL PROPERTIES					
Water Absorption	3<E≤6	Confirms	ISO 10545 Pt 3	3<E<6	Confirms
Mohs Hardness	MIN 5	>5	EN 101	MIN 5	MIN 5
Flexural Strength	>27 N/mm ²	>27 N/mm ²	ISO 10545 Pt 4	>27 N/mm ²	>27 N/mm ²
Abrasion Resistance	As Specification by the manufacturer	As Per Product Typology	ISO 10545 Pt 6	As Specification by the manufacturer	As Per Product Typology
Craze Resistance	4 Cycles	Min - 4 Cycle	ISO 10545 Pt 11	—	Passes
Density (g/cc)	>2.0	>2.0	ISO 10545 Pt 3	—	—
Frost Resistance	Frost Proof	Frost Proof	ISO 10545 Pt 12	Frost Proof	—
Thermal Shock Resistance	10 Cycles	No Damage	ISO 10545 Pt 9	10 Cycles	Complies
Thermal Expansion	<9 x 10 ⁻⁶	<9 x 10 ⁻⁶	ISO 10545 Pt 8	<9 x 10 ⁻⁶	Complies
Moisture Expansion	Nil	Nil	ISO 10545 Pt 10	—	—
CHEMICAL PROPERTIES					
Chemical Resistance	Class AA	Resistance to all, except hydro- fluoric acid & its compound	ISO 10545 Pt 13	Class AA	Resistance to all, except hydro- fluoric acid & its compound
Satin Resistance	Class 1	Passes	ISO 10545 Pt 14	Class 1	Passes

* Not Applicable For structured tiles

Packing Details

No.	Sizes	397x397mm	618x618mm	308x616mm	165x504mm	300x300mm
01	Thickness (mm) Approx	9 mm	10 mm	9.5 mm	N.A.	7.5
02	Weight Per Box. (Kgs.) Approx	18	31	22	19	14
03	No. of Tiles Per Box	6	4	6	12	10
04	Sq. Mtr. Per Box	0.95	1.527	1.138	0.99	0.9

For Individual Decorative Tile please refer with Marketing department



CORRIDORS/HALLS



AIRPORT TERMINALS



DISCOTHEQUES



SHOPPING MALLS



PUBS & BARS



RELIGIOUS PLACES



GYMNASIUMS



HOTELS



OFFICES



SUPER MARKETS



DOMESTIC



SCHOOLS