



TECHNICAL SPECIFICATION OF GLAZED MATT & POLISHED TILE

CHARACTERISTIC	STANDARD AS PER ISO-13006/2018	THE VALUE STANDARDS WE FOCUS ON	TEST METHOD
REGULATORY PROPERTIES			
Deviation in length & width	± 0.3%	± 0.03%	ISO-10545-2
Deviation in Thickness	± 5.0%	± 0.70%	ISO-10545-2
Deviation of Straightness in both side	± 0.3%	± 0.07%	ISO-10545-2
Rectangularity	± 0.3%	± 0.05%	ISO-10545-2
SURFACE FLATNESS			
Centre Curvature	± 0.4%	± 0.03%	ISO-10545-2
Edge Curvature of Length	± 0.4%	± 0.03%	ISO-10545-2
Edge Curvature of Width	± 0.4%	± 0.05%	ISO-10545-2
Glossiness	As per mfg.	Min 85%	GLOSSY METER
PHYSICAL PROPERTIES			
Water absorption	0.50%	0.05%	ISO-10545-3
Modulus of repture	35 N/mm ²	Min. 40 N/mm ²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 1700 N	ISO-10545-4
Impact resistance	Min. 0.55	Min. 0.80	ISO-10545-5
Surface abrasion resistance	As per mfg.	Min. Class-4	ISO-10545-7
Thermal expansion(COE)	As per mfg.	Max. 6.5 x 10 ⁻⁶	ISO-10545-8
Thermal shock resistance	No damage	No damage	ISO-10545-9
Moisture expansion	Max 0.6 mm/n	0.01	ISO-10545-10
Crazing Resistance	No damage	No damage	ISO-10545-11
Frost resistance	No damage	No damage	ISO-10545-12
Color difference	<0.75	0.4	ISO-10545-16
CHEMICAL PROPERTIES			
Chemical resistance	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	ISO-10545-14
Lead & Cafmium given off by glazes tiles	As per mfg.	Does not yield Pb & Cd	ISO-10545-15
SAFETY PROPERTIES			
Fire resistance	As per mfg.	Fireproof	N.A.



TECHNICAL SPECIFICATION OF FULLBODY TILE

CHARACTERISTIC	STANDARD AS PER ISO-13006/2018	THE VALUE STANDARDS WE FOCUS ON	TEST METHOD
REGULATORY PROPERTIES			
Deviation in length & width	± 0.3%	± 0.03%	ISO-10545-2
Deviation in Thickness	± 5.0%	± 0.03%	ISO-10545-2
Deviation of Straightness in both side	± 0.3%	± 0.05%	ISO-10545-2
Rectangularity	± 0.3%	± 0.05%	ISO-10545-2
SURFACE FLATNESS			
Centre Curvature	± 0.4%	± 0.04%	ISO-10545-2
Edge Curvature of Length	± 0.4%	± 0.05%	ISO-10545-2
Edge Curvature of Width	± 0.4%	± 0.05%	ISO-10545-2
Surface Quality	As per mfg.	Min 95%	ISO-10545-2
PHYSICAL PROPERTIES			
Water absorption	0.50%	0.05%	ISO-10545-3
Modulus of repture	35 N/mm ²	Min. 36 N/mm ²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 2100 N	ISO-10545-4
Impact resistance	Min. 0.55	Min. 0.83	ISO-10545-5
Surface abrasion resistance	As per mfg.	Min. Class-4	ISO-10545-7
Thermal expansion(COE)	As per mfg.	Max. 3.15 x 10 ⁻⁶	ISO-10545-8
Thermal shock resistance	No damage	No damage	ISO-10545-9
Moisture expansion	Max 0.6 mm/n	0.02	ISO-10545-10
Crazing Resistance	No damage	No damage	ISO-10545-11
Frost resistance	No damage	No damage	ISO-10545-12
Color difference	<0.75	0.4	ISO-10545-16
CHEMICAL PROPERTIES			
Chemical resistance	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	ISO-10545-14
SAFETY PROPERTIES			
Fire resistance	As per mfg.	Fireproof	N.A.



TECHNICAL SPECIFICATION OF CERAMIC WALL TILES

CHARACTERISTIC	STANDARD AS PER ISO-13006/2018	THE VALUE STANDARDS WE FOCUS ON	TEST METHOD
REGULATORY PROPERTIES			
Deviation in length & width	± 0.3%	± 0.04%	ISO-10545-2
Deviation in Thickness	± 10.0%	± 0.50%	ISO-10545-2
Deviation of Straightness in both side	± 0.3%	± 0.05%	ISO-10545-2
Rectangularity	± 0.3%	± 0.07%	ISO-10545-2
SURFACE FLATNESS			
Centre Curvature	± 0.4%	± 0.03%	ISO-10545-2
Edge Curvature of Length	± 0.4%	± 0.04%	ISO-10545-2
Edge Curvature of Width	± 0.4%	± 0.07%	ISO-10545-2
Surface Quality	As per mfg.	Min 95%	ISO-10545-2
PHYSICAL PROPERTIES			
Water absorption	>10.00%	13.30%	ISO-10545-3
Modulus of repture	12 N/mm²	Min. 13.6 N/mm²	ISO-10545-4
Breaking strength	Min. 600 N	Min. 615 N	ISO-10545-4
Impact resistance	Min. 0.55	Min. 0.65	ISO-10545-5
Surface abrasion resistance	As per mfg.	Min. Class-4	ISO-10545-7
Thermal expansion(COE)	As per mfg.	Max. 5.80 x 10-6	ISO-10545-8
Thermal shock resistance	No damage	No damage	ISO-10545-9
Moisture expansion	Max 0.6 mm/n	0.02	ISO-10545-10
Crazing Resistance	No damage	No damage	ISO-10545-11
Frost resistance	No damage	No damage	ISO-10545-12
Color difference	<0.75	0.35	ISO-10545-16
CHEMICAL PROPERTIES			
House Hold Chemical resistance	Min. Class B (v)	No damage	ISO-10545-13
Acid & Alkalies	Min. Class LB (v)	No damage	ISO-10545-13
Stain resistance	Min. Class 3	No damage	ISO-10545-14
Lead & Cafmium given off by glazes tiles	As per mfg.	Does not yield Pb & Cd	ISO-10545-15
SAFETY PROPERTIES			
Fire resistance	As per mfg.	Fireproof	N.A.