MAY CERAMICA

Calacatta Black - 160X320cm 12mm - mayceramica.com

Color	Black
Size	160X320cm 12mm
Material	Porcelain
Finishing	Sahara Matt

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CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MAYYAS VALUE	TEST METHOD
REGULATORY PROPERTIES			
Deviation in Length & Width:	± 0.3 %	± 0.10 %	ISO- 10545-2
Deviation in Thicknes:	± 5.0 %	± 5.00 %	ISO- 10545-2
Straightness in side:	±0.3 %	±0.10 %	ISO- 10545-2
Rectangularity:	±0.3 %	±0.3 %	ISO- 10545-2
Surface flatness Central curvature:	±0.4 %	± 0.20 %	ISO- 10545-2
Surface flatness Edge curvature:	±0.4 %	± 0.20 %	ISO- 10545-2
Surface quality:	> 95% defects free	> 95% defects free	ISO- 10545-2
Color difference:	E< 1.00	E < 0.80	ISO- 10545-16
Glossiness (With polished):	As per mfg.	> 90 degree	GLOSSOMETER
Glossiness (Without polished):	As per mfg.	3< Gloss < 7	GLOSSOMETER
Glossiness (Satin):	As per mfg.	7 < Gloss < 25	GLOSSOMETER
STRUCTURAL PROPERTIES			
Water absorption:	< 0.50%	< 0.080 %	ISO- 10545-3
Apparent density:	As per mfg.	> Min 2.28 g/cc	ISO- 10545-3
MASSIVE MECHANICAL PROPERTIES			
Modulus of rupture:	Min. 35 N/mm2	Min. 40 N/mm2	ISO- 10545-4
Breaking strength < 7.5:	Min. 700 N	Min. 700 N	ISO- 10545-4
Breaking strength > 7.5:	Min. 1300 N	Min. 6000 N	ISO- 10545-5
THERMO HYGROMETRIC PROPERTIES			
Frost resistance:	As per mfg.	Frost proof	ISO- 10545-12
Thermal shock resistance:	Min. 10 cycle	Min. 10 cycle	ISO- 10545-9
Moisture expansion:	Max 0.06	Max 0.02	ISO- 10545-10
Thermal expansion (COE):	As per mfg.	Max 6.0 x 10-6	ISO- 10545-8
Crazing resistance:	4 cycle	4 cycle	ISO- 10545-11
CHEMICAL PROPERTIES			
Chemical resistance:	Min. Class 3	Min. Class 3	ISO- 10545-14
Stain resistance:	Min. Class GB	Min. Class GB	ISO- 10545-13
SAFETY PROPERTIES			
Slip resistance:	As per mfg.	Glossy P0, Matt P1	ISO- 10545-17
Fire resistance:	As per mfg.	Fireproof	N. A
Lead & Cadmium given off by glazed tiles:	As per mfg.	Does not yield Pb & Cd	ISO- 10545-15

SIZE	THICKNESS	TILE / BOX	COVERAGE AREA / BOX
160x320cm:	12mm	1 Pc	5.12 Sq. M