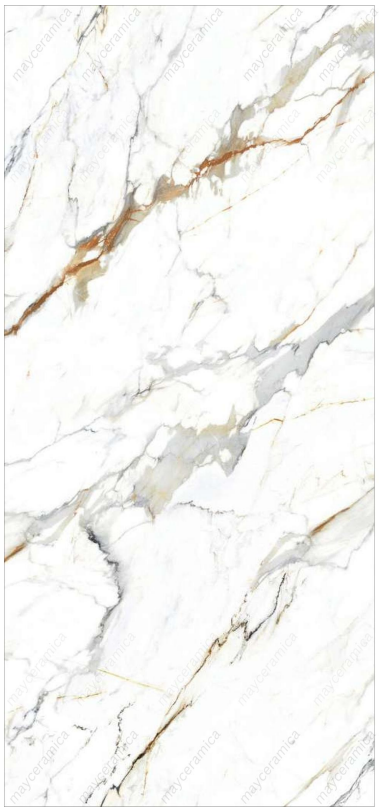
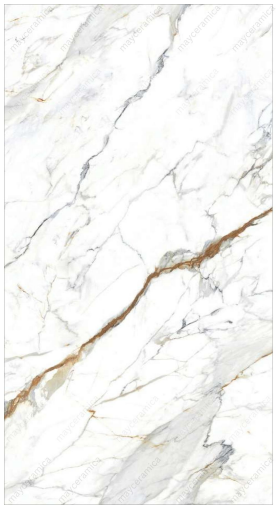
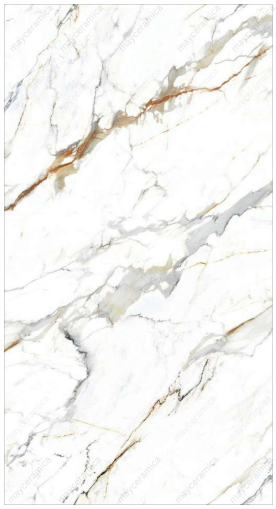
CALACUTTA BRONZO - 120x278cm 09mm - mayceramica.com



Color	Grey, White
Size	120x278cm 09mm
Material	Porcelain
Finishing	Polished





MAY
CERAMICA

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MAYYAS VALUE	TEST METHOD
REGULATORY PROPERTIES			
Deviation in Length & Width:	± 0.5 %	± 0.10 %	ISO- 10545-2
Deviation in Thickness:	± 5.0 %	± 4.0 %	ISO- 10545-2
Straightness in side:	± 0.5 %	± 0.10 %	ISO- 10545-2
Rectangularity:	± 0.5 %	± 0.10 %	ISO- 10545-2
Surface flatness Central curvature:	± 0.5 %	± 0.10 %	ISO- 10545-2
Surface flatness Edge curvature:	± 0.5 %	± 0.10 %	ISO- 10545-2
Surface quality:	> 95% defects free	> 95% defects free	ISO- 10545-2
Color difference:	^F < 0.75	No change	ISO- 10545-2
Glossiness (With Nano polished):	As per mfg.	> 90 degree	GLOSSOMETER
Glossiness (Without Nano polished):	As per mfg.	7 < Gloss < 14 degree	GLOSSOMETER
Glossiness (Satin):	As per mfg.	15 < Gloss < 25	GLOSSOMETER
STRUCTURAL PROPERTIES			
Water absorption:	< 0.50%	< 0.05 %	ISO- 10545-3
Apparent density:	> 2.0 g/cc	> 2.28 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of rupture:	Min. 35 N/mm2	Min. 37 N/mm2	ISO- 10545-4
Breaking strength < 7.5:	Min. 700 N	Min. 700 N	ISO- 10545-4
Impact resistance >7.5:	Min. 1300 N	Min. 1600 N	ISO- 10545-5
SURFACE MECHANICAL PROPERTIES			
Surface abrasion resistance- Glossy:	As per mfg.	Min. Class 2	ISO- 10545-7
Surface abrasion resistance- Matt:	As per mfg.	Min. Class 3	ISO- 10545-7
MOH’s hardness:	Min. 4	Min. 4	EN 101
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	Nil	ISO- 10545-10
Thermal expansion (COE):	As per mfg.	Max 6.5 x 10-6	ISO- 10545-8
Crazing resistance:	As per mfg.	Min. 06 cycle	ISO- 10545-11
CHEMICAL PROPERTIES			
Chemical resistance:	Min. Class 3	Min. Class 4	ISO- 10545-14
Stain resistance:	Min. Class GB	Min. Class GA	ISO- 10545-13
SAFTEY PROPERTIES			
Slip resistance:	As per mfg.	> 0.40	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
120X278cm:	09mm	1PC	3.336 Sq. M
120X278cm:	06mm	1PC	3.336 Sq. M
120X280cm:	09mm	1PC	3.36 Sq. M
120X280cm:	06mm	1PC	3.36 Sq. M