

Atlanta Black - 120x240cm 09mm - mayceramica.com



Color	Grey
Size	120x240cm 09mm
Material	Porcelain
Finishing	Carving Matt



CHARACTERISTIC
STANDARD AS PER ISO-13006/EN14411 GROUP BIA
MAYYAS VALUE
TEST METHOD
REGULATORY PROPERTIES

Deviation in Length & Width:	± 0.5 %	± 0.2 %	ISO- 10545-2
Deviation in Thickness:	± 5.0 %	± 0.5 %	ISO- 10545-2
Straightness in side:	± 0.5 %	± 0.2 %	ISO- 10545-2
Rectangularity:	± 0.5 %	± 0.2 %	ISO- 10545-2
Surface flatness:	± 0.5 %	± 0.2 %	ISO- 10545-2
Color difference:	Unaltered	No change	ISO- 10545-16
Glossiness:	As per mfg.	Min 90 %	GLOSSOMETER

STRUCTURAL PROPERTIES

Water absorption:	< 0.50%	< 0.05 %	ISO- 10545-3
Apparent density:	> 2.0 g/cc	> 2.10 g/cc	DIN 51082

MASSIVE MECHANICAL PROPERTIES

Modulus of rupture:	Min. 35 N/mm ²	Min. 40 N/mm ²	ISO- 10545-4
Breaking strength:	Min. 1300 N	Min. 2000 N	ISO- 10545-4
Impact resistance:	As per mfg.	Min. 0.55	ISO- 10545-5

SURFACE MECHANICAL PROPERTIES

Surface abrasion resistance:	As per mfg.	Min. Class 3	ISO- 10545-7
MOH's hardness:	As per mfg.	Min. Class 4	EN 101

THERMO HYGROMETRIC PROPERTIES

Frost resistance:	No damage	No damage	ISO- 10545-12
Thermal shock resistance:	No damage	No damage	ISO- 10545-9
Moisture expansion:	Nil	Nil	ISO- 10545-10
Thermal expansion (COE):	Max 9.0 x 10 ⁻⁶	Max 6.5 x 10 ⁻⁶	ISO- 10545-8
Crazing resistance:	As per mfg.	Min. 10 cycle	ISO- 10545-11

CHEMICAL PROPERTIES

Chemical resistance:	No damage	No damage	ISO- 10545-13
Stain resistance:	Resistant	Resistant	ISO- 10545-14

SAFETY 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

120X240cm:	09mm	1PC	2.88 Sq. M
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