Atom White - 80X240cm 15mm - mayceramica.com

Color	Grey
Size	80X240cm 15mm
Material	Porcelain
Finishing	Carving Matt

MAY
CERAMICA

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:	0.5 %	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/mm2	Min. 42 N/mm2	ISO- 10545-4
Breaking strength:	Min. 1300 N	Min. 2800 N	ISO- 10545-4
Impact resistance:	As per mfg.	Min. 0.75	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
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
80X240cm :	15mm	1PC	1.92 Sq.M