038 F Saudi - 45X45cm 12mm - mayceramica.com

Color	Beige
Size	45X45cm 12mm
Material	Ceramic
Finishing	Matt

MAY
CERAMICA

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MAYYAS VALUE	TEST METHOD
REGULATORY PROPERTIES			
Deviation in Length & Width:	± 0.2 %	± 0.6 %	ISO- 10545-2
Deviation in Thickness:	± 4.0 %	± 0.5 %	ISO- 10545-2
Straightness in side:	± 0.2 %	± 0.6 %	ISO- 10545-2
Rectangularity:	± 0.15 %	± 0.6 %	ISO- 10545-2
Surface flatness:	± 0.2 %	± 0.6 %	ISO- 10545-2
Color difference:	Unaltered	No change	ISO- 10545-16
Glossiness:	As per mfg.	Min 90 %	GLOSSOMETER
STRUCTURAL PROPERTIES			
Water absorption:	< 3.5%	< 3 %	ISO- 10545-3
Apparent density:	> 2.0 g/cc	> 2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of rupture:	Min. 33 N/mm2	Min. 22 N/mm2	ISO- 10545-4
Breaking strength:	Min. 1800 N	Min. 1800 N	ISO- 10545-4
Impact resistance:	As per mfg.	Min. 0.55	ISO- 10545-5
SURFACE MECHANICAL PROPERTIES			
Surface abrasion resistance:	1500 Rev	As Class	ISO- 10545-7
MOH's hardness:	Min 6 - 9	As Class	EN 101
THERMO HYGROMETRIC PROPERTIES			
Frost resistance:	Pass	Required	ISO- 10545-12
Thermal shock resistance:	Pass	Available	ISO- 10545-9
Moisture expansion:	Pass	Available	ISO- 10545-10
Thermal expansion (COE):	Pass	Available	ISO- 10545-8
Crazing resistance:	Pass	Required	ISO- 10545-11
CHEMICAL PROPERTIES			
Chemical resistance:	Class A	Available	ISO- 10545-13
Stain resistance:	Class 5	Min class 3	ISO- 10545-14
SAFTEY PROPERTIES			
Slip resistance:	As per mfg.	> 0.30	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
60X60cm :	12mm	4 Pcs	1.44 Sq. M
45X45cm:	12mm	10 Pcs	2.025 Sq. M