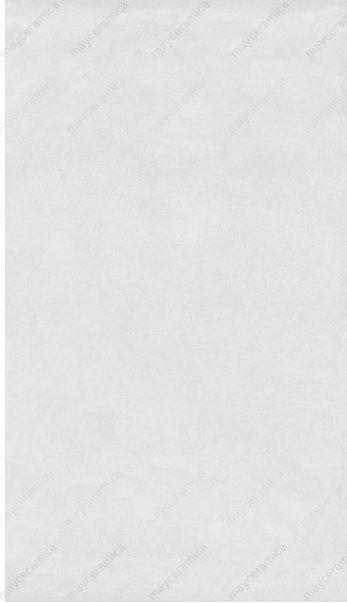


**SILICA BIANCO - 120x240cm 09mm - mayceramica.com**

<b>Color</b>	Grey
<b>Size</b>	120x240cm 09mm
<b>Material</b>	Porcelain
<b>Finishing</b>	Carving Matt

**SILICA BIANCO | 120x240cm | 09mm | Carving Matt Finish** Silica Bianco combines a pristine **white base** with **intricate carved patterns**, offering a refined and textured appearance. The **carving matt finish** adds depth and dimension, making it ideal for **luxury wall cladding**, **elegant flooring**, and **modern interiors** that seek a sophisticated, tactile design with a clean, non-reflective surface.

**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 <sup>2</sup>	Min. 40 N/mm <sup>2</sup>	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 <sup>-6</sup>	Max 6.5 x 10 <sup>-6</sup>	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**

120X240cm:	09mm	1PC	2.88 Sq. M
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