

ENDLESS ASTOR
POLISHED

120X180 / 48" x 71"

TECHNICAL SPECIFICATIONS

MINERALIA

TECHNICAL DATA SHEET

MODEL :	ENDLESS ASTOR
SERIE :	MARBLE
COLOUR :	WHITE
WATER ABSORTION:	Bla (GL) Porcelain (E <0,5%)
SIZE :	120 x 180 (48" x 71")
THICKNESS:	9,5 mm (0.37")
TPOLOGY:	GLAZED PORCELAIN
FINISHED:	POLISHED
RECTIFIED:	YES
ANTISLIP:	NO
STRUCTURE PUNCH:	NO
FACES DESIGN:	4
TONE VARIATION:	V3 MODERATE
HIGH TRAFIC:	NO
RECOMENDED:	
INDOOR:	FLOOR AND WALL
WET AREAS:	NO RECOMENDED
POOLS:	NO RECOMENDED
SUITABLE USE:	Medium traffic floor (e.g. house indoor)



INSTALLATION

Place the tile on surface and move and press the tile to get and even coat of the glue.
This should also level the tile. It is suggested that a gap of 2 mm should be left between each tile joint.

RECOMENDATIONS

Always use protective gloves and anti-crushing footwear, preferably steel-toe boots.

STORAGE

Product should be stored in a flat surface and in a sheltered area away from the rain.

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DIMENSIONAL FEATURES

<i>FEATURES</i>	<i>TEST METHOD</i>	<i>REQUIREMENTS</i>	<i>RESULTS</i>
Length and width	UNE-EN ISO 10545-2	±0,5%	±0,1%
Thickness		±0,5%	±0,4%
Straightness of sides		±0,5%	±0,1%
Rectangularity		±0,5% ±0,6%	±0,1% ±0,2%
Surface flatness		±0,4%	±0,1%
Surface quality		95%	95% OK

PHYSICAL PROPERTIES

<i>FEATURES</i>	<i>TEST METHOD</i>	<i>REQUIREMENTS</i>	<i>RESULTS</i>
Water absorption	UNE-EN ISO 10545-3	< 0,50%	< 0,20%
Modulus of rupture	UNE-EN ISO 10545-4	Min. 35 N/mm ²	Min. 40 N/mm ²
Breaking strength	UNE-EN ISO 10545-4	Min. 1300 N	Min. 2000 N
Scratch hardness (MOHS)	EN 101	CLASS 4	CLASS 4
Resistance to surface abrasion	UNE-EN ISO 10545-7	CLASS 4	CLASS 4
Linear thermal expansion	UNE-EN ISO 10545-8	Max. 9.0x10 ⁻⁶ C ⁻¹	Max. 9.0x10 ⁻⁶ C ⁻¹
Thermal shock resistance	UNE-EN ISO 10545-9	No Damage	No Damage
Crazing resistance	UNE-EN ISO 10545-11	As per Mfg	No Damage
Frost resistance	UNE-EN ISO 10545-12	No Damage	No Damage

Moisture expansion	UNE-EN ISO 10545-10	Null	Null
Small colour differences	UNE-EN ISO 10545-16	Unaltered	No change
Impact resistance	UNE-EN ISO 10545-5	Declared value	NPD

CHEMICAL/ SAFETY PROPERTIES

<i>FEATURES</i>	<i>TEST METHOD</i>	<i>REQUIREMENTS</i>	<i>RESULTS</i>
Resistance to staining	UNE-EN ISO 10545-14	Resistance	Resistance
Chemical resistance	UNE-EN ISO 10545-13	No damage	No damage
Lead and cadmium release	UNE-EN ISO 10545-15	As per Mfg	Doesn't yield pb&cd

ANTI-SLIP VALUE

<i>FEATURES</i>	<i>TEST METHOD</i>	<i>REQUIREMENTS</i>	<i>RESULTS</i>
Slip resistance (Ramp)	DIN-51130	From R9 to R13	NPD
Slip resistance (Bare feet)	DIN 51097	A - B - C	NPD
Dinamic coefficient of friction	ANSI A326.3	ID/IW/IW+/EW/ O/G	NPD
Slip resistance (Pendulum)	41901:2017EX	From C0 to C3	NPD

NPD: Not determinated