

Model: ASTANA GREY NAT.(S/R)MLL 160X320 (12)(A)

Codes: 100323670

Absorption: Bla - Porcelanico (E<=0.1%)

Family: ASTANA

Tone variations: V3



DIMENSIONAL FEATURES

UNE-EN ISO 10545-2

Length	3200 MM	
Thickness	12 MM	
Width	1600 MM	
Length and width deviation	Below 0.20%	+/-0.3%*
Side straightness deviation	Below 0.15%	+/-0.3%*
Squareness deviation	Below 0.20%	+/-0.3%*
Surface flatness deviation	Below 0.20%	+/-0.4%*

*ISO-13006:2015 UNE-EN 14411:2017

MECHANICAL FEATURES

UNE-EN ISO 10545-4-6-7-11

Breaking strenght	>4500 N	
Modulus of rupture	>40 N/MM2	
Abrasion resistance	<140 MM3	

*ISO-13006:2015 UNE-EN 14411:2017

HYGIENIC FEATURES

UNE-EN ISO 10545-13-14

Chemical resistance	CLASE A	
Stain resistance	5	
Flammability	A2	

*ISO-13006:2015 UNE-EN 14411:2017

ANTI-SLIP VALUE

CEN/TS 41901/02, DIN-51130 y ASTM A137.1

Dynamic coefficient of friction	> 0.42	
Slip resistance (pendulum-wet)	CL1	
4s	DRY>36-LOW_WET>24-MOD.	

*ISO-13006:2015 UNE-EN 14411:2017

SCOPE OF USE

Technical code-1	Use on walls	
Technical code-2	Dry interior floors	

Certified company



Do not use cleaning agents containing hydrofluoric acid.

It is recommended to fix tiles with a minimum joint of 1,5 mm. Do not fix without joint.

For big sizes, it is recommended to fix with mortars containing polymeric additives and to use the double glueing technique.

Mosaic tiles must be grouted.

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In its polished finish, due to high gloss, light reflection can create optical effects that resemble stains. In no case they do not comply with the ISO 13006 product standard.

Being the ceramic material that most resembles natural stone, it can show slight variations in shade, color spots and vein among pieces.

#Refer to section 4 of the support document DB/SUA 3. This material can be installed in public, dry areas with a slope under 6% (it gets the same classification as a Class 1 according to wet pendulum).

PACKING

Sales units per box	5.12 M2/BOX
Sales units per pallet	112.64 M2/PAL
Sales units per unit	5.12 M2/PIECE

Certified company



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