

**Model:** LIEM BLACK NAT.02 SR 160X320(12)(A)**Codes:** 100343315**Absorption:** Bla - Porcelanico (E<=0.1%)**Family:** LIEM**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 strength	>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	MIN B
Stain resistance	5
Flammability	A1

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

### ANTI-SLIP VALUE CEN/TS 41901/02, DIN-51130 y ASTM A137.1

Slip resistance (pendulum-wet)	CL1
Slip resistance (pendulum-dry)	>40

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

### 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

### ADDITIONAL NOTES

Avoid direct access from the outside if no abrasive protection device is provided.

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).

## SCOPE OF USE

Technical code-1

1 - Coating

Technical code-2

1 - Dry interior floors

Certified company



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