

Model: LIEM DARK NAT.04 120X270(6)(A)

Codes: 100332245

Absorption: Bla - Porcelain tile ($w_a \leq 0.1\%$)

Finish: Standard

Tone variations: V3

Rectified: Yes



DIMENSIONAL FEATURES

 UNE-EN ISO 10545-2

Length	2700 mm	
Thickness	6 mm	
Width	1200 mm	
Length and width deviation	Below 0.15%	+/-0.3%*
Side straightness deviation	Below 0.15%	+/-0.3%*
Squareness deviation	Below 0.15%	+/-0.3%*
Surface flatness deviation	Below 0.15%	+/-0.4%*

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

FEATURES

Nature

General deshaded design with a degree of color and appearance variation.

Moderate variation. The color intensity of each piece may vary significantly, although the colors present in one tile will be representative of the colors to be expected in the rest of the tiles

Name given to the finish of those tiles dimensionally improved after the firing process.

Wall installation

Ceramic tiles that can be installed outdoors

MECHANICAL FEATURES

 UNE-EN ISO 10545-4-6-7-9-11

Breaking strenght	>1100 N	
Modulus of rupture	> 45 N/mm ²	
Abrasion resistance	<140	

*ISO-13006:2018 UNE-EN 14411:2016

HYGIENIC FEATURES

 UNE-EN ISO 10545-13-14

Chemical resistance	Class "A" for swimming pools and cleaning products (resists attack). Minimum Class "B" for acids and bases	B Min.*
Stain resistance	Class 5. Easy cleaning with water	3 Min.*
Flammability	A1	

*ISO-13006:2018 UNE-EN 14411:2016

System Certification



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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ANTI-SLIP VALUE

Reference standards: EN 16165 (Annex A, B, C) - ANSI A326.3 - AS 4586

Dynamic coefficient of friction (dcof)	> 0.42	
Slip resistance (wet pendulum) irhd 55	CL1	
Pendulum test value (ptv) irhd 96	DRY>36-LOW_WET>24-MOD.	
Slip resistance (pendulum-dry)	> 40	

*ISO-13006:2018 UNE 14411:2016 ANSI 137.1 AS 4662

ADDITIONAL NOTES

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DETERMINATION OF LIGHT REFLECTANCE VALUE (LRV)

UNE-EN ISO 10545-18

Determination of light reflectance value (lrv)	7	
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*ISO-13006:2018 UNE-EN 14411:2016

PACKING

Sales units per box	3.240441 M2/BOX	
Sales units per pallet	71.289695 M2/PAL	
Sales units per unit	3.240441 M2/PIECE	

SCOPE OF USE

Technical code-1	1 - Coating	
Technical code-2	0 - No additional requirements	

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