

Model: LIEM DARK NAT.03 120X270(6)(A)

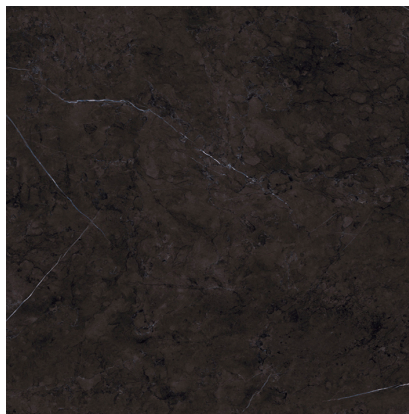
Codes: 100332244

Absorption: Bla - Porcelain tile (wa ≤ 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 <sup>2</sup> |  |
| 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**

-

**DETERMINATION OF LIGHT REFLECTANCE VALUE (LRV)**

UNE-EN ISO 10545-18

|                                                |   |  |
|------------------------------------------------|---|--|
| Determination of light reflectance value (lrv) | 7 |  |
|------------------------------------------------|---|--|

\*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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