

## PRODUCT DATA SHEET

|                                                   |                            |  |         |                |          |
|---------------------------------------------------|----------------------------|--|---------|----------------|----------|
| ITEM:                                             | HANNOVER BLACK RECTIFICADO |  | BRAND:  | BALDOCER, S.A. |          |
| DATE:                                             | 31/10/2025                 |  | FORMAT: | 60X60 cm       |          |
| CLASSIFICATION OF FINISHED PRODUCT (UNE-EN-14411) |                            |  | GROUP:  | Bla            | ANNEX: G |

## FACIAL DIMENSIONS RANGE AND SURFACE QUALITY

| UNE-EN-ISO-10545-2        | REFERENCE    | RESULT                     |
|---------------------------|--------------|----------------------------|
| DIMENSIONS                |              | 600X600                    |
| LENGTH                    | $\pm 0,6 \%$ | 0,05% / -0,05%<br>599,4 mm |
| WIDTH                     | $\pm 0,6 \%$ | 0,05% / -0,05%<br>599,4 mm |
| STRAIGHTNESS OF SIDES     | $\pm 0,5 \%$ | 0,03% / -0,05%             |
| THICKNESS                 | $\pm 5,0 \%$ | -2,11% 9,0 mm              |
| RECTANGULARITY            | $\pm 0,5 \%$ | 0,08% / -0,10%             |
| CENTRAL SURFACE FLATNESS  | $\pm 0,5 \%$ | 0,18%                      |
| LATERAL SURFACE FLATNESS  | $\pm 0,5 \%$ | 0,13%                      |
| DIAGONAL SURFACE FLATNESS | $\pm 0,5 \%$ | 0,07% / -0,06%             |

## PHYSICAL PROPERTIES

## UNE-EN-ISO-10545-3

|                  |                |      |
|------------------|----------------|------|
| WATER ABSORPTION | $E \leq 0,5\%$ | 0,1% |
|------------------|----------------|------|

## UNE-EN-ISO-10545-4

|                    |                          |      |
|--------------------|--------------------------|------|
| BREAKING STRENGTH  | MIN 1300 N               | 2258 |
| MODULUS OF RUPTURE | MIN 35 N/mm <sup>2</sup> | 44   |

## UNE-EN-ISO-10545-6

|                                                     |           |           |
|-----------------------------------------------------|-----------|-----------|
| DETERMINATION TO ABRASION RESISTANCE. DEEP ABRASION | NOT APPLY | NOT APPLY |
|-----------------------------------------------------|-----------|-----------|

## UNE-EN-ISO-10545-7

|                                      |             |     |
|--------------------------------------|-------------|-----|
| DETERMINATION TO ABRASION RESISTANCE | REVOLUTIONS | PEI |
|                                      | 600         | 2   |

## UNE-EN-ISO-10545-9

|                          |  |           |
|--------------------------|--|-----------|
| THERMAL SHOCK RESISTANCE |  | FULFILLED |
|--------------------------|--|-----------|

## UNE-EN-ISO-10545-11

|                    |  |           |
|--------------------|--|-----------|
| CRAZING RESISTANCE |  | FULFILLED |
|--------------------|--|-----------|

## UNE-EN-ISO-10545-12

|                  |  |           |
|------------------|--|-----------|
| FROST RESISTANCE |  | FULFILLED |
|------------------|--|-----------|

## UNE 67101

|                                                  |  |   |
|--------------------------------------------------|--|---|
| DETERMINATION HARDNESS TO SURFACE STRIPPING.MOHS |  | 7 |
|--------------------------------------------------|--|---|

## DETERMINATION OF SLIDING RESISTANCE

|                                                |       |     |
|------------------------------------------------|-------|-----|
| VALUE FOLLOWING UNE 41901-EX (PENDULUM)        | CLASS | 1   |
| VALUE FOLLOWING DIN 51130 (RAMP TEST)          | R     | R10 |
| VALUE FOLLOWING DIN 51097 (RAMP TEST BAREFOOT) | CLASS | B   |
| VALUE FOLLOWING ANSI A 326.3 (DCOF-BOT 3000E)  |       |     |

## CHEMICAL PROPERTIES

## UNE-EN-ISO-10545-13

|                                        |  |           |
|----------------------------------------|--|-----------|
| CHEMICAL RESISTANCE                    |  | FULFILLED |
| HOUSEHOLD CHEMICALS                    |  | GA        |
| SWIMMING POOL SALTS                    |  | GA        |
| HYDROCHLORIC LOW CONCENTRATION         |  | GLA       |
| CITRIC ACID                            |  | GLA       |
| POTASSIUM HYDROXIDE LOW CONCENTRATION  |  | GLA       |
| HYDROCHLORIC HIGH CONCENTRATION        |  | GHA       |
| LACTIC ACID                            |  | GHA       |
| POTASSIUM HYDROXIDE HIGH CONCENTRATION |  | GHA       |

## UNE-EN-ISO-10545-14

|                         |  |           |
|-------------------------|--|-----------|
| RESISTANCE TO STAINS    |  | FULFILLED |
| IRON OXIDE-CHROME OXIDE |  | 5         |
| IODINE                  |  | 5         |
| OLIVE OIL               |  | 5         |

The test results of this sheet are made in our production plant with calibrated technology. However, we are non-official laboratory, for this reason all the results are exclusively informative and related to the tested tiles.

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