



## PRODUCT DATA SHEET

|  |                           |                |                          |                 |
|--|---------------------------|----------------|--------------------------|-----------------|
| <b>ITEM:</b>   | ABSTRACT SAND RECTIFICADO | <b>BRAND:</b>  | AZULEJOS BENADRESA, S.A. |                 |
| <b>DATE:</b>   | 29/02/2024                | <b>FORMAT:</b> | 80X80 cm                 |                 |
| <b>CLASSIFICATION OF FINISHED PRODUCT (UNE-EN-14411)</b> |                           | <b>GROUP:</b>  | Bla                      | <b>ANNEX:</b> G |

### FACIAL DIMENSIONS RANGE AND SURFACE QUALITY

|                           | UNE-EN-ISO-10545-2 | REFERENCE | RESULT                     |
|---------------------------|--------------------|-----------|----------------------------|
| DIMENSIONS                |                    |           | 800X800                    |
| LENGTH                    |                    | ± 0,6 %   | 0,04% / -0,05%<br>799,6 mm |
| WIDTH                     |                    | ± 0,6 %   | 0,04% / -0,05%<br>799,6 mm |
| STRAIGHTNESS OF SIDES     |                    | ± 0,5 %   | 0,04% / -0,03%             |
| THICKNESS                 |                    | ± 5,0 %   | -2,00% 9,0 mm              |
| RECTANGULARITY            |                    | ± 0,5 %   | 0,24% / -0,13%             |
| CENTRAL SURFACE FLATNESS  |                    | ± 0,5 %   | 0,04% / -0,05%             |
| LATERAL SURFACE FLATNESS  |                    | ± 0,5 %   | 0,03% / -0,06%             |
| DIAGONAL SURFACE FLATNESS |                    | ± 0,5 %   | 0,07% / -0,07%             |

### 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               | 2150 |
| MODULUS OF RUPTURE | MIN 35 N/mm <sup>2</sup> | 42   |

#### 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 |
|                                      | 2100        | 4   |

#### 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 |  | 6 |
|--|--|---|

DETERMINATION OF SLIDING RESISTANCE

|  |       |   |
|--|-------|---|
| VALUE FOLLOWING UNE 41901-EX (PENDULUM)        | CLASS | 1 |
| VALUE FOLLOWING DIN 51130 (RAMP TEST)          | R     |   |
| VALUE FOLLOWING DIN 51097 (RAMP TEST BAREFOOT) | CLASS |   |
| 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.