



PRODUCT DATA SHEET

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| ITEM: DAREN NOIR PULIDO | BRAND: AZULEJOS BENADRESA, S.A. |
| DATE: 10/07/2020 | FORMAT: 120X260 7 MM |
| 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 | | 1200X2600 |
| LENGTH | ± 0,6 % | 2600,0 mm |
| WIDTH | ± 0,6 % | 1200,0 mm |
| STRAIGHTNESS OF SIDES | ± 0,5 % | 0,13% / -0,03% |
| THICKNESS | ± 5,0 % | 7 mm |
| RECTANGULARITY | ± 0,5 % | 0,15% / -0,20% |
| CENTRAL SURFACE FLATNESS | ± 0,5 % | 0,07% / -0,08% |
| LATERAL SURFACE FLATNESS | ± 0,5 % | 0,16% / -0,14% |
| DIAGONAL SURFACE FLATNESS | ± 0,5 % | 0,04% / -0,08% |

PHYSICAL PROPERTIES

UNE-EN-ISO-10545-3

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| WATER ABSORPTION | $E \leq 0,5\%$ | 0,1% |
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UNE-EN-ISO-10545-4

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| BREAKING STRENGTH | MIN 700 N | 1538 |
| MODULUS OF RUPTURE | MIN 35 N/mm ² | 65 |

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 |
| | 1500 | 3 |

UNE-EN-ISO-10545-9

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



UNE-EN-ISO-10545-11

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

UNE-EN-ISO-10545-12

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

UNE 67101

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|--|--|---|
| DETERMINATION HARDNESS TO SURFACE STRIPPING.MOHS | | 4 |
|--|--|---|

DETERMINATION OF SLIDING RESISTANCE

| | | |
|--|-------|-----|
| VALUE FOLLOWING UNE 41901-EX (PENDULUM) | CLASS | 0 |
| 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

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| 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 | | GHB |
| LACTIC ACID | | GHB |
| POTASSIUM HYDROXIDE HIGH CONCENTRATION | | GHB |

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.