



PRODUCT DATA SHEET

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|--|------------------------------|----------------|--------------------------|-----------------|
| ITEM: | TUSCANY GRAPHITE RECTIFICADO | BRAND: | AZULEJOS BENADRESA, S.A. | |
| DATE: | 29/02/2024 | FORMAT: | 80X160 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 | | | 800X1600 |
| LENGTH | | ± 0,6 % | 0,05% / -0,20% 1600,0 mm |
| WIDTH | | ± 0,6 % | 0,10% / -0,15% 799,9 mm |
| STRAIGHTNESS OF SIDES | | ± 0,5 % | 0,13% / -0,03% |
| THICKNESS | | ± 5,0 % | 0,89% / -1,2% 9,0 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 | | |
|---|--------------------|--------------------------|-----------|
| WATER ABSORPTION | | $E \leq 0,5\%$ | 0,1% |
| | UNE-EN-ISO-10545-4 | | |
| BREAKING STRENGTH | | MIN 1300 N | 2320 |
| MODULUS OF RUPTURE | | MIN 35 N/mm ² | 43 |
| | 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 1500 | PEI 3 |
| | UNE-EN-ISO-10545-9 | | |
| THERMAL SHOCK RESISTANCE | | | FULFILLED |



UNE-EN-ISO-10545-11

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|--------------------|--|-----------|
| CRAZING RESISTANCE | | FULFILLED |
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UNE-EN-ISO-10545-12

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

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|--|--|---|
| DETERMINATION HARDNESS TO SURFACE STRIPPING.MOHS | | 8 |
|--|--|---|

DETERMINATION OF SLIDING RESISTANCE

| | | |
|--|-------|-----|
| VALUE FOLLOWING UNE 41901-EX (PENDULUM) | CLASS | 2 |
| VALUE FOLLOWING DIN 51130 (RAMP TEST) | R | R10 |
| 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 | | 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.