



PRODUCT DATA SHEET

| | |
|--|--|
| ITEM: NARES BLACK GLOSS | BRAND: AZULEJOS BENADRESA, S.A. |
| DATE: 10/07/2020 | FORMAT: 25X25 P.B. |
| CLASSIFICATION OF FINISHED PRODUCT (UNE-EN-14411) | GROUP: BIII ANNEX: L |

FACIAL DIMENSIONS RANGE AND SURFACE QUALITY

| UNE-EN-ISO-10545-2 | REFERENCE | RESULT |
|---------------------------|-----------------|----------------------------|
| DIMENSIONS | | 250X250 |
| LENGTH | ± 0,5 % | 0,10% / -0,10% 250,1 mm |
| WIDTH | ± 0,5 % | 0,10% / -0,10% 249,8 mm |
| STRAIGHTNESS OF SIDES | ± 0,3 % | 0,10% / -0,05% |
| THICKNESS | ± 10,0 % | 1,87% / -0,93% 9,1 mm |
| RECTANGULARITY | ± 0,5 % | 0,3% / -0,32% |
| CENTRAL SURFACE FLATNESS | +0,5 % / -0,3 % | |
| LATERAL SURFACE FLATNESS | +0,5 % / -0,3 % | |
| DIAGONAL SURFACE FLATNESS | ± 0,5 % | |

PHYSICAL PROPERTIES

UNE-EN-ISO-10545-3

| | | |
|------------------|-----------|-----|
| WATER ABSORPTION | E > 10,0% | 14% |
|------------------|-----------|-----|

UNE-EN-ISO-10545-4

| | | |
|--------------------|--------------------------|------|
| BREAKING STRENGTH | MIN 600 N | 1098 |
| MODULUS OF RUPTURE | MIN 12 N/mm ² | 18,8 |

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 |
| | --- | --- |

UNE-EN-ISO-10545-9

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



UNE-EN-ISO-10545-11

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

UNE-EN-ISO-10545-12

| | | |
|------------------|--|---------------|
| FROST RESISTANCE | | NOT FULFILLED |
|------------------|--|---------------|

UNE 67101

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

DETERMINATION OF SLIDING RESISTANCE

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