



Technical Specifications

ABNT NBR ISO 13006

Dry-pressed ceramic tiles with low water absorption $E_v \leq 0,5\%$ Group Bla

Ms. Barcelona Antracita

Line Ms. Barcelona

Tipology

Glazed Porcelain Tile

Code

209615E

Size (cm)

90X90

Thickness (mm)

8.00

Work Size (cm)

89,85X89,85

Edge

Rectified

Surface

Natural

Tonality Variation

V3

Physical Property

| |
|---|
| Water Absorption (%) |
| Modulus of Breaking Strength (N/mm ²) |
| Breaking Load (N) |
| Moisture Expansion (mm/m) |
| Crazing Resistance |
| Frost Resistance |
| Resistance to Thermal Shock |

Test Standards

| |
|--------------|
| ISO 10545-3 |
| ISO 10545-4 |
| ISO 10545-4 |
| ISO 10545-10 |
| ISO 10545-11 |
| ISO 10545-12 |
| ISO 10545-9 |

Results

| |
|--------|
| 0,5 |
| 35 |
| 1500 |
| 0,1 |
| RESIST |
| RESIST |
| RESIST |

Chemical Property

Resistance to Staining

| |
|--------------|
| Glazed Tiles |
|--------------|

Test Standards

| |
|--------------|
| ISO 10545-14 |
|--------------|

Results

| |
|---|
| 5 |
|---|

Resistance to Chemicals

| |
|---|
| Resistance to low concentrations of acids and alkalis |
| Resistance to household chemicals and swimming pool salts |

| |
|--------------|
| ISO 10545-13 |
| ISO 10545-13 |

| |
|----|
| LA |
| A |

Coefficient of Friction

| |
|-------------|
| Dry Surface |
| Wet Surface |
| Wet Surface |

Test Standards

| |
|----------------|
| ABNT NBR 16919 |
| ABNT NBR 16919 |
| ANSI A326.3 |

Results

| |
|------|
| 0,5 |
| 0,4 |
| 0,43 |

Dimensions and surface quality

| |
|----------------------------|
| Length and width (mm) |
| Width (mm) |
| Thickness (mm) |
| Straightness of sides (mm) |
| Rectangularity (mm) |
| Surface flatness (mm) |
| Surface quality (%) |

Test Standards

| |
|-------------|
| ISO 10545-2 |
| ISO 10545-2 |
| ISO 10545-2 |
| ISO 10545-2 |
| ISO 10545-2 |
| ISO 10545-2 |
| ISO 10545-2 |

Results

| |
|----------|
| ± 1,00 |
| ± 1,00 |
| ± 0,40 |
| ± 0,80 |
| ± 1,50 |
| ± 1,8 mm |
| ≥ 95 |

Local of Use

HC - Heavy Commercial | RE - Residential | FA - Facade

Settlement

| |
|-------------------------------|
| Dry Internal Walls Joint |
| Wet Internal Walls Joint |
| External Walls Joint - Facade |
| Floor joint |

Recomendado

| |
|--------|
| 1,5 mm |
| 1,5 mm |
| 1,5 mm |
| 1,5 mm |

Reaction with fire: Ceramic coatings are sintered at high temperatures and therefore do not present in their final composition organic or volatile compounds of any nature, classifying them as Class I - non-combustible.

Portobello

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