

Technical Specifications



ABNT NBR ISO 13006

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

Michelangelo

Line Timeless

Tipology

**Glazed
Porcelain Tile**

Code

209562E

Size (cm)

90X90

Thickness (mm)

8.00

Work Size (cm)

89,85X89,85

Edge

Rectified

Surface

Natural

Tonality Variation

V2

Physical Property

| Physical Property | Test Standards | Results |
|---------------------------------------------------|----------------|---------|
| Water Absorption (%) | ISO 10545-3 | 0,5 |
| Modulus of Breaking Strength (N/mm ²) | ISO 10545-4 | 40 |
| Breaking Load (N) | ISO 10545-4 | 2000 |
| Moisture Expansion (mm/m) | ISO 10545-10 | 0,1 |
| Crazing Resistance | ISO 10545-11 | 0 |
| Frost Resistance | ISO 10545-12 | 0 |
| Resistance to Thermal Shock | ISO 10545-9 | 0 |

Chemical Property

Resistance to Staining

| Chemical Property | Test Standards | Results |
|-------------------|----------------|---------|
| Glazed Tiles | ISO 10545-14 | 5 |

Resistance to Chemicals

| | | |
|-----------------------------------------------------------|--------------|----|
| Resistance to low concentrations of acids and alkalis | ISO 10545-13 | LB |
| Resistance to household chemicals and swimming pool salts | ISO 10545-13 | A |

Coefficient of Friction

Test Standards

Results

| | | |
|-------------|----------------|------|
| Dry Surface | ABNT NBR 16919 | 0,5 |
| Wet Surface | ABNT NBR 16919 | 0,4 |
| Wet Surface | ANSI A326.3 | 0,43 |

Local of Use

CI - Commercial Light | RE - Residential | FA - Facade

Settlement

Recomendado

| | |
|-------------------------------|--------|
| Dry Internal Walls Joint | 1,5 mm |
| Wet Internal Walls Joint | 1,5 mm |
| External Walls Joint - Facade | 1,5 mm |
| Floor joint | 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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