

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

28638E

Size (cm)

90X90

Thickness (mm)

9.00

Work Size (cm)

89,85X89,85

Edge

Rectified

Surface

Polished

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	37
Breaking Load (N)	ISO 10545-4	1800
Moisture Expansion (mm/m)	ISO 10545-10	0,1
Crazing Resistance	ISO 10545-11	RESIST
Frost Resistance	ISO 10545-12	RESIST
Resistance to Thermal Shock	ISO 10545-9	RESIST

Chemical Property

Resistance to Staining

Chemical Property	Test Standards	Results
Glazed Tiles	ISO 10545-14	3

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

Dry Surface
Wet Surface

Test Standards

ABNT NBR 16919
ABNT NBR 16919

Results

0,4
0,3

Local of Use

CI - Commercial Light | 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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