



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

29120E

Format (cm)

60X120

Thickness (mm)

9,00

Work Size (cm)

59,85X119,85

Edge

Rectified

Surface

Natural

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
37
1800
0,1
Resist
Resist
Resist

Chemical Property

Resistance to Staining

Glazed Tiles

Test Standards

ISO 10545-14

Results

4

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	Test Standards	Results
Dry Surface	ABNT NBR 16919	0,5
Wet Surface	ABNT NBR 16919	0,4

Local of Use

CI - Commercial Light RE - Residential FA - Facade
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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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