



Technical Specifications

ABNT NBR ISO 13006

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

Ms. Barcelona Antracita

Line Ms. Barcelona

Tipology

Glazed Porcelain Tile

Code

201388E

Format (cm)

90X90

Thickness (mm)

9,00

Work Size (cm)

89,85X89,85

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

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	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

HC - Heavy Commercial | 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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