



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	Code	
Glazed Porcelain Tile	201389E	
Format (cm)	Thickness (mm)	Work Size (cm)
90X90	9,00	89,85X89,85
Edge	Surface	
Rectified	Polished	

Physical Property

Water Absorption (%)	ISO 10545-3	0,5
Modulus of Breaking Strength (N/mm²)	ISO 10545-4	35
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

Glazed Tiles	ISO 10545-14	3
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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

Test Standards

Results

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Results

Coefficient of Friction	Test Standards	Results
Dry Surface	ABNT NBR 16919	0,3
Wet Surface	ABNT NBR 16919	0,3
Wet Surface	ANSI A326.3	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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