



Technical Specifications

ABNT NBR ISO 13006

Dry-pressed ceramic tiles with low water absorption
 $0,5\% < E_v \leq 3,0\%$ Group BIb

Murale Caramel

Line Nuance

Tipology	Code	
	212664E	
Size (cm)	Thickness (mm)	Work Size (cm)
20X20	7.00	20X20
Edge	Surface	Tonality Variation
Bold	Natural	V4

Physical Property

Water Absorption (%)
Modulus of Breaking Strength (N/mm²)
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

3
35
800
0,3
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

LB
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

RE - Residential FA - Facade

Settlement

Recomendado

Dry Internal Walls Joint	2 mm
Wet Internal Walls Joint	2 mm
External Walls Joint - Facade	2 mm
Floor joint	2 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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