

Technical Specifications



ABNT NBR ISO 13006

Dry-pressed ceramic tiles with low water absorption $E_v \leq 0,5\%$ Group B1a

Karst Argento

Line Karst

Tipology	Code	
Porcelain Tile	25287E	
Size (cm)	Thickness (mm)	Work Size (cm)
90X90	9.00	89,85X89,85
Edge	Surface	Tonality Variation
Rectified	Natural	V2

Physical Property

Physical Property	Test Standards	Results
Water Absorption (%)	ISO 10545-3	0,1
Modulus of Breaking Strength (N/mm ²)	ISO 10545-4	45
Breaking Load (N)	ISO 10545-4	2400
Moisture Expansion (mm/m)	ISO 10545-10	0,1
Resistance to Deep Abrasion (mm ³)	ISO 10545-6	140
Crazing Resistance	ISO 10545-11	0
Frost Resistance	ISO 10545-12	0
Resistance to Thermal Shock	ISO 10545-9	0

Chemical Property

Resistance to Staining

Unglazed Tiles	ISO 10545-14	5
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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

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

IU - Industrial and Urban | 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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