



Technical Specifications

ABNT NBR ISO 13006

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

Artifact Straw

Line Artifact

Tipology	Code	
	212085E	
Size (cm)	Thickness (mm)	Work Size (cm)
14,5X14,5	7.00	14,55X14,55
Edge	Surface	Tonality Variation
Bold	Glossy	V4

Physical Property

Physical Property	Test Standards	Results
Water Absorption (%)	ISO 10545-3	3
Modulus of Breaking Strength (N/mm ²)	ISO 10545-4	30
Breaking Load (N)	ISO 10545-4	700
Moisture Expansion (mm/m)	ISO 10545-10	0,3
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

Chemical Property	Test Standards	Results
Glazed Tiles	ISO 10545-14	5

Resistance to Chemicals

Resistance to low concentrations of acids and alkalis	ISO 10545-13	LA
Resistance to household chemicals and swimming pool salts	ISO 10545-13	A

Dimensions and surface quality

Dimensions and surface quality	Test Standards	Results
Length and width (mm)	ISO 10545-2	± 0,90
Width (mm)	ISO 10545-2	± 0,90
Thickness (mm)	ISO 10545-2	± 0,50
Straightness of sides (mm)	ISO 10545-2	± 0,80
Rectangularity (mm)	ISO 10545-2	± 0,80
Surface quality (%)	ISO 10545-2	≥ 95

Local of Use

FA - Facade

Settlement

Settlement	Recomendado
Dry Internal Walls Joint	2 mm
Wet Internal Walls Joint	2 mm
External Walls Joint - Facade	2 mm
Floor joint	N/A

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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