

# Technical Specifications

## ABNT NBR ISO 13006

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

## Karst Off White

Line Karst

Tipology	Code	
<b>Porcelain Tile</b>	<b>25111E</b>	
Size (cm)	Thickness (mm)	Work Size (cm)
<b>90X90</b>	<b>9.00</b>	<b>89,85X89,85</b>
Edge	Surface	Tonality Variation
<b>Rectified</b>	<b>Natural</b>	<b>V2</b>

### Physical Property

Physical Property	Test Standards	Results
Water Absorption (%)	ISO 10545-3	0,1
Modulus of Breaking Strength (N/mm <sup>2</sup> )	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 <sup>3</sup> )	ISO 10545-6	170
Frost Resistance	ISO 10545-12	0
Resistance to Thermal Shock	ISO 10545-9	0

### Chemical Property

#### Resistance to Staining

Chemical Property	Test Standards	Results
Unglazed Tiles	ISO 10545-14	4

#### 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

Dry Surface	ABNT NBR 16919	0,5
Wet Surface	ABNT NBR 16919	0,4

## Test Standards

## Results

## Local of Use

IU - Industrial and Urban | RE - Residential | FA - Facade

## Settlement

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

## Recomendado

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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