



# Technical Specifications

## ABNT NBR ISO 13006

Dry-pressed ceramic tiles with water absorption  $E_v > 10\%$  Group BIII

## Amazonia Solar Entalhe

Line Amazonia

Tipology	Code	
<b>Wall</b>	<b>208913E</b>	
Size (cm)	Thickness (mm)	Work Size (cm)
<b>45X120</b>	<b>13.3</b>	<b>44,85X119,85</b>
Edge	Surface	Tonality Variation
<b>Rectified</b>	<b>Matte</b>	<b>V4</b>

### Physical Property

Physical Property	Test Standards	Results
Water Absorption (%)	ISO 10545-3	> 10
Modulus of Breaking Strength (N/mm <sup>2</sup> )	ISO 10545-4	12
Breaking Load (N)	ISO 10545-4	600
Moisture Expansion (mm/m)	ISO 10545-10	0,3
Crazing Resistance	ISO 10545-11	RESIST
Frost Resistance	ISO 10545-12	NO RESIST
Resistance to Thermal Shock	ISO 10545-9	NO 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	± 1,00
Width (mm)	ISO 10545-2	± 1,00
Thickness (mm)	ISO 10545-2	± 0,50
Straightness of sides (mm)	ISO 10545-2	± 0,80
Rectangularity (mm)	ISO 10545-2	± 1,35 e ± 1,50
Surface flatness (mm)	ISO 10545-2	± 1,8 mm
Surface quality (%)	ISO 10545-2	≥ 95

## Local of Use

EW - External Wall
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## Settlement

Settlement	Recomendado
Dry Internal Walls Joint	1 mm
Wet Internal Walls Joint	1 mm
External Walls Joint - Facade	1 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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