



# Technical Specifications

## ABNT NBR ISO 13006

Dry-pressed ceramic tiles with water absorption  $3\% < E_v \leq 6\%$  Group BIIa

## Navy

Line Surfaces

Tipology	Code	
<b>Mosaic</b>	<b>203190E</b>	
Size (cm)	Thickness (mm)	Work Size (cm)
<b>9,5X9,5</b>	<b>6.50</b>	<b>9,5X9,5</b>
Edge	Surface	Tonality Variation
	<b>Matte</b>	<b>V1</b>

### Physical Property

Physical Property	Test Standards	Results
Water Absorption (%)	ISO 10545-3	6
Modulus of Breaking Strength (N/mm <sup>2</sup> )	ISO 10545-4	22
Breaking Load (N)	ISO 10545-4	600
Moisture Expansion (mm/m)	ISO 10545-10	0,3
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

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	LC
Resistance to household chemicals and swimming pool salts	ISO 10545-13	A

## Coefficient of Friction

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

Settlement	Recomendado
Dry Internal Walls Joint	3 mm
Wet Internal Walls Joint	3 mm
External Walls Joint - Facade	3 mm
Floor joint	3 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

Portobello SA - Fábrica | contato@portobello.com.br  
SAC: 800 648 2002 1 BR 101 - Km 163 - Cx. Postal 15  
Tijucas/SC - Brasil - 88200-000

