



# Technical Specifications

## ABNT NBR ISO 13006

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

## Navy

Line Surfaces

Tipology

**Mosaic**

Code

**203190E**

Size (cm)

**9,5X9,5**

Thickness (mm)

**6.50**

Work Size (cm)

**9,5X9,5**

Edge

Surface

**Matte**

Tonality Variation

**V1**

### Physical Property

Water Absorption (%)
Modulus of Breaking Strength (N/mm <sup>2</sup> )
Breaking Load (N)
Moisture Expansion (mm/m)
Crazing Resistance
Frost Resistance
Resistance to Thermal Shock

### Test Standards

ISO 10545-3
ISO 10545-4
ISO 10545-4
ISO 10545-10
ISO 10545-11
ISO 10545-12
ISO 10545-9

### Results

6
22
600
0,3
RESIST
NO RESIST
RESIST

### Chemical Property

#### Resistance to Staining

Glazed Tiles
--------------

### Test Standards

ISO 10545-14
--------------

### Results

5
---

#### Resistance to Chemicals

Resistance to low concentrations of acids and alkalis
Resistance to household chemicals and swimming pool salts

ISO 10545-13
ISO 10545-13

LC
A

## Coefficient of Friction

Dry Surface
Wet Surface
Wet Surface

## Test Standards

ABNT NBR 16919
ABNT NBR 16919
ANSI A326.3

## Results

0,5
0,4
0,43

## Dimensions and surface quality

Length and width (mm)
Width (mm)
Thickness (mm)
Straightness of sides (mm)
Rectangularity (mm)
Surface flatness (mm)
Surface quality (%)

## Test Standards

ISO 10545-2
ISO 10545-2
ISO 10545-2
ISO 10545-2
ISO 10545-2
ISO 10545-2
ISO 10545-2

## Results

± 0,90
± 0,90
± 0,50
± 0,80
± 0,80
± 0,8 mm
≥ 95

## Local of Use

RE - Residential   FA - Facade
--------------------------------

## Settlement

Dry Internal Walls Joint
Wet Internal Walls Joint
External Walls Joint - Facade
Floor joint

## Recomendado

3 mm
3 mm
3 mm
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

