



# Technical Specifications

## ABNT NBR ISO 13006

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

## Hydra

Line Surfaces

Tipology

**Mosaic**

Code

**203196E**

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 (%)	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	RESIST
Frost Resistance	ISO 10545-12	NO RESIST
Resistance to Thermal Shock	ISO 10545-9	RESIST

### Test Standards

### Results

### Chemical Property

#### Resistance to Staining

Glazed Tiles	ISO 10545-14	5
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#### 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

### Test Standards

### Results

## Coefficient of Friction

Dry Surface	ABNT NBR 16919	0,5
Wet Surface	ABNT NBR 16919	0,4
Wet Surface	ANSI A326.3	0,43

## 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 flatness (mm)	ISO 10545-2	± 0,8 mm
Surface quality (%)	ISO 10545-2	≥ 95

## Local of Use

RE - Residential   FA - Facade
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## 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

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