



# Technical Specifications

## ABNT NBR ISO 13006

Dry-pressed ceramic tiles with low water absorption  $E_v \leq 0,5\%$  Group B1a

## Malibu Lake

Line Malibu

Tipology

**Glazed  
Porcelain Tile**

Code

**201390E**

Size (cm)

**20X20**

Thickness (mm)

**7.00**

Work Size (cm)

**19,96X19,96**

Edge

**Bold**

Surface

**External**

Tonality Variation

**V4**

### Physical Property

Physical Property	Test Standards	Results
Water Absorption (%)	ISO 10545-3	0,5
Modulus of Breaking Strength (N/mm <sup>2</sup> )	ISO 10545-4	37
Breaking Load (N)	ISO 10545-4	1100
Moisture Expansion (mm/m)	ISO 10545-10	0,1
Crazing Resistance	ISO 10545-11	RESIST
Frost Resistance	ISO 10545-12	RESIST
Resistance to Thermal Shock	ISO 10545-9	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

## Coefficient of Friction

Dry Surface
Wet Surface
Wet Surface

## Test Standards

ABNT NBR 16919
ABNT NBR 16919
ANSI A326.3

## Results

0,7
0,6
0,6

## 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

± 1,20
± 1,20
± 0,35
± 1,00
± 1,00
± 2 mm
≥ 95

## Local of Use

CI - Commercial Light | RE - Residential | FA - Facade

## Settlement

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

## Recomendado

2 mm
2 mm
2 mm
2 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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