



# Technical Specifications

## ABNT NBR ISO 13006

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

## Verano Esmeralda

Line Verano

Tipology

**Glazed  
Porcelain Tile**

Code

**200749E**

Size (cm)

**14,5X14,5**

Thickness (mm)

**7.00**

Work Size (cm)

**14,49X14,49**

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	35
Breaking Load (N)	ISO 10545-4	1000
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	ABNT NBR 16919	0,7
Wet Surface	ABNT NBR 16919	0,6
Wet Surface	ANSI A326.3	0,6

## Dimensions and surface quality

	Test Standards	Results
Length and width (mm)	ISO 10545-2	± 0,9 mm
Thickness (mm)	ISO 10545-2	± 0,5 mm
Straightness of sides (mm)	ISO 10545-2	± 0,8 mm
Rectangularity (mm)	ISO 10545-2	± 0,8 mm
Surface flatness (mm)	ISO 10545-2	± 0,8 mm
Surface quality (%)	ISO 10545-2	≥ 95%

## Local of Use

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

## Settlement

	Recomendado
Dry Internal Walls Joint	2 mm
Wet Internal Walls Joint	2 mm
External Walls Joint - Facade	2 mm
Floor joint	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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