



# Technical Specifications

## ABNT NBR ISO 13006

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

## Cristallo Rose

Line Cristallo

Tipology

**Glazed  
Porcelain Tile**

Code

**212039E**

Size (cm)

**120X120**

Thickness (mm)

**7.00**

Work Size (cm)

**119,85X119,85**

Edge

**Rectified**

Surface

**Natural**

Tonality Variation

**V2**

### 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    | 1500    |
| 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 | 0,5  |
| Wet Surface | ABNT NBR 16919 | 0,4  |
| Wet Surface | ANSI A326.3    | 0,43 |

## Test Standards

## Results

## Local of Use

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

## Settlement

|                               |        |
|-------------------------------|--------|
| Dry Internal Walls Joint      | 1,5 mm |
| Wet Internal Walls Joint      | 1,5 mm |
| External Walls Joint - Facade | 1,5 mm |
| Floor joint                   | 1,5 mm |

## Recomendado

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

