

# Technical Specifications

## ABNT NBR ISO 13006

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

## Hit Camel

Line Temps

Tipology

**Glazed  
Porcelain Tile**

Code

**210207E**

Size (cm)

**90X90**

Thickness (mm)

**8.00**

Work Size (cm)

**89,85X89,85**

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 | LB |
| 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 |

## Dimensions and surface quality

|                            | Test Standards | Results  |
|----------------------------|----------------|----------|
| Length and width (mm)      | ISO 10545-2    | ± 1,00   |
| Width (mm)                 | ISO 10545-2    | ± 1,00   |
| Thickness (mm)             | ISO 10545-2    | ± 0,40   |
| Straightness of sides (mm) | ISO 10545-2    | ± 0,80   |
| Rectangularity (mm)        | ISO 10545-2    | ± 1,50   |
| Surface flatness (mm)      | ISO 10545-2    | ± 1,8 mm |
| Surface quality (%)        | ISO 10545-2    | ≥ 95     |

## Local of Use

HC - Heavy Commercial | RE - Residential | FA - Facade

## Settlement

|                               | Recomendado |
|-------------------------------|-------------|
| 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      |

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

