



# Technical Specifications

## ABNT NBR ISO 13006

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

## Mocaccino da Torino st

Line Breccia Collection

Tipology

**Glazed  
Porcelain Tile**

Code

**211397E**

Size (cm)

**60X120**

Thickness (mm)

**9.00**

Work Size (cm)

**59,85X119,85**

Edge

**Rectified**

Surface

**Natural**

Tonality Variation

**V3**

### Physical Property

|                                                   |
|---------------------------------------------------|
| Water Absorption (%)                              |
| Modulus of Breaking Strength (N/mm <sup>2</sup> ) |
| Breaking Load (N)                                 |
| Moisture Expansion (mm/m)                         |
| Crazing Resistance                                |
| Frost Resistance                                  |
| Resistance to Thermal Shock                       |

### Test Standards

|              |
|--------------|
| ISO 10545-3  |
| ISO 10545-4  |
| ISO 10545-4  |
| ISO 10545-10 |
| ISO 10545-11 |
| ISO 10545-12 |
| ISO 10545-9  |

### Results

|        |
|--------|
| 0,5    |
| 35     |
| 1500   |
| 0,1    |
| RESIST |
| RESIST |
| RESIST |

### Chemical Property

#### Resistance to Staining

|              |
|--------------|
| Glazed Tiles |
|--------------|

### Test Standards

|              |
|--------------|
| ISO 10545-14 |
|--------------|

### Results

|   |
|---|
| 5 |
|---|

#### Resistance to Chemicals

|                                                           |
|-----------------------------------------------------------|
| Resistance to low concentrations of acids and alkalis     |
| Resistance to household chemicals and swimming pool salts |

|              |
|--------------|
| ISO 10545-13 |
| ISO 10545-13 |

|    |
|----|
| LA |
| A  |

### Coefficient of Friction

|             |
|-------------|
| Dry Surface |
| Wet Surface |
| Wet Surface |

### Test Standards

|                |
|----------------|
| ABNT NBR 16919 |
| ABNT NBR 16919 |
| ANSI A326.3    |

### Results

|      |
|------|
| 0,5  |
| 0,4  |
| 0,43 |

### 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

|          |
|----------|
| ± 1,00   |
| ± 1,00   |
| ± 0,45   |
| ± 0,80   |
| ± 1,50   |
| ± 1,8 mm |
| ≥ 95     |

### Local of Use

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

### Settlement

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

### Recomendado

|        |
|--------|
| 1,5 mm |
| 1,5 mm |
| 1,5 mm |
| 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

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