



# Technical Specifications

## ABNT NBR ISO 13006

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

## Brasilia Concreto Cinza

Line Brasília

|                              |                 |                    |
|------------------------------|-----------------|--------------------|
| Tipology                     | Code            |                    |
| <b>Glazed Porcelain Tile</b> | <b>29952E</b>   |                    |
| Format (cm)                  | Thickness (mm)  | Work Size (cm)     |
| <b>90X90</b>                 | <b>9,00</b>     | <b>89,85X89,85</b> |
| Edge                         | Surface         |                    |
| <b>Rectified</b>             | <b>External</b> |                    |

### 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    |
| 37     |
| 1800   |
| 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 | Test Standards | Results |
|-------------------------|----------------|---------|
| Dry Surface             | ABNT NBR 16919 | 0,7     |
| Wet Surface             | ABNT NBR 16919 | 0,6     |
| Wet Surface             | ANSI A326.3    | 0,6     |

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

|        |
|--------|
| 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.

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