

# Technical Specifications

## ABNT NBR ISO 13006

Dry-pressed ceramic tiles with low water absorption Ev ≤ 0,5% Group Bla

# Brasilia Concreto Grafite

Line Brasília

Tipology
**Glazed Porcelain Tile**

Code
**29954E**

Format (cm)
**90X90**

Thickness (mm)
**9,00**

Work Size (cm)
**89,85X89,85**

Edge
**Rectified**

Surface
**External**

| Physical Property | Test Standards | Results |
|---|---|---|
| Water Absorption (%) | ISO 10545-3 | 0,5 |
| Modulus of Breaking Strength (N/mm²) | ISO 10545-4 | 37 |
| Breaking Load (N) | ISO 10545-4 | 1800 |
| 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 | Test Standards | Results |
|---|---|---|
| **Resistance to Staining** | | |
| 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 |

Para informações de recomendações de aplicação consulte o especificador virtual: http://especificadorvirtual.portobello.com.br
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| 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 | 0,5 |

## Local of Use

| |
|---|
| CI - Commercial Light \| 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.

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