

# Technical Specifications

## ABNT NBR ISO 13006

Dry-pressed ceramic tiles with low water absorption  
 $0,5\% < E_v \leq 3,0\%$  Group BIb

## Luton Ash

Line All Bricks

Tipology

**Mosaic**

Size (cm)

**07X26**

Edge

Code

**203788E**

Thickness (mm)

**6.50**

Surface

**Matte**

Work Size (cm)

**7,13X26,05**

Tonality Variation

**V4**

### Physical Property

Water Absorption (%)	ISO 10545-3	3
Modulus of Breaking Strength (N/mm <sup>2</sup> )	ISO 10545-4	35
Breaking Load (N)	ISO 10545-4	800
Moisture Expansion (mm/m)	ISO 10545-10	0,3
Crazing Resistance	ISO 10545-11	RESIST
Frost Resistance	ISO 10545-12	RESIST
Resistance to Thermal Shock	ISO 10545-9	RESIST

### Test Standards

### Results

### Chemical Property

#### Resistance to Staining

Glazed Tiles	ISO 10545-14	5
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#### 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

### Test Standards

### Results

## Dimensions and surface quality

Dimensions and surface quality	Test Standards	Results
Length and width (mm)	ISO 10545-2	± 1,56
Width (mm)	ISO 10545-2	± 0,90
Thickness (mm)	ISO 10545-2	± 0,33
Straightness of sides (mm)	ISO 10545-2	± 0,80 e ± 1,30
Rectangularity (mm)	ISO 10545-2	NA e ± 0,80
Surface flatness (mm)	ISO 10545-2	± 0,8 mm
Surface quality (%)	ISO 10545-2	≥ 95

## Local of Use

FA - Facade
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## Settlement

Settlement	Recomendado
Dry Internal Walls Joint	3 mm
Wet Internal Walls Joint	3 mm
External Walls Joint - Facade	3 mm
Floor joint	N/A

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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