

## 1 \ ABOUT THIS PRODUCT

**FLEXIBLE GROUT** is a cementitious, rainproof flexible tile grout. It is factory produced from carefully selected raw materials for consistency of production. It only requires the addition of water on site.

## 2 \ SUITABILITY

**FLEXIBLE GROUT** is suitable to fill joints up to 15 mm wide, in ceramic tiles and natural stone, on interior and exterior walls and floors. Coloured material. It incorporates hydrofuge additives for a better joint seal.

## 3 \ PACKAGING

**FLEXIBLE GROUT** is supplied on 5 kg bags, in 5 bag boxes.

## 4 \ STORAGE AND SHELF LIFE

**FLEXIBLE GROUT** must be kept on its bag until usage. When stored unopened in a dry place at temperatures above 5°C, and sheltered from direct sunlight, shelf life is 3 years from date of manufacture.

## 5 \ TECHNICAL DATA

<b>Abrasion resistance</b>	≤ 1000 mm <sup>3</sup>			
<b>Flexural strength</b>	≥ 3,5 N/mm <sup>2</sup>			
<b>Compressive strength</b>	≥ 15 N/mm <sup>2</sup>			
<b>Water absorption after 30 minutes</b>	≤ 2 g			
<b>Water absorption after 240 minutes</b>	≤ 5 g			
<b>Shrinkage</b>	≤ 2 mm/m			
<b>Open Time</b>	30 min			
<b>Time before putting surface in use</b>	48 h			
<b>Yield (g/m<sup>2</sup>)</b> for 10 mm deep tile joints				
Joint width	Tile size (cm)			
	10 x 10	30 x 30	40 x 60	60 x 100
1 mm	280	90	60	40
2 mm	560	190	120	70
5 mm	1400	470	290	190
10 mm	2800	930	580	370
15 mm	4200	1400	870	560

These results were obtained in controlled laboratory conditions

## 6 \ PREPARATION AND APPLICATION

### 6.1 \ Substrate preparation

- Prior to usage, ensure that the joints are clean and dry, through all their width and depth;
- If the tiles are, due to their characteristics, easy to stain, they should be previously treated, in order to prevent the mortar from being absorbed by its pores.

### 6.2 \ Application

Gradually add 1,75 litres of water to each 5 kg bag, and, using an electric mixer, mix to a smooth, workable stiff paste.

The mixed paste must be applied in under 30 minutes, or less, depending on environmental conditions.

Spread the paste in the joints, using a rubber trowel diagonally, until the joint is filled, Remove any leftover material immediately using the same trowel.

### 7 \ GOOD PRACTICES

**DO NOT ADD ANY OTHER MATERIALS TO THE TILE GROUT.**

#### 7.1 \ Joint Thickness

Joint thickness cannot exceed 15 mm.

#### 7.2 \ Mixing water

The mixing water must be clean, and preferably potable. Drinking water is generally suitable.

Once the mixing is done, do not add any further water to the mortar.

#### 7.2 \ Tile cleaning

Once the joints are hard to the touch, clean the surface using a slightly moist sponge or mop. Do not use too much water during tile cleaning, to prevent future blooms.

Once the grout is fully dried, perform a final cleaning, using a wet cloth.

#### 7.4 \ Climate exposure

**FLEXIBLE GROUT** must not be applied if the environmental temperature is below 5°C or above 30°C.

Do not apply on top of frozen substrates, avoid application if the substrate is subject to direct strong winds or intense sun exposure.

#### 7.5 \ Health and Safety

Contains cement (Contains chromium (VI). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection. Keep out of the reach of children.

Do not swallow.

For further information, please request the Material Safety Data Sheet for this product.

## 8 \ CONTACTS

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