

## MAXI FUGEN



### DESCRIPTION

Cement base tile grout for filling joints, with selected granulometry and high resistance towards water. It serves for the filling of 3 - 20 mm joints.

### CHARACTERISTICS

- It is a powder, cement-based material, with natural stone powder with selected granulometry, synthetic resins, hydrophobic additives and coloring pigments.
- Good workability
- Easily cleaned.
- Its final result is a smooth surface
- Waterproof
- High resistance against bases (alkali) and detergents.
- Resistant to corrosion.
- Resistant to UV radiation.
- Prevents the process of fluorescence.
- According to EN 13888 classification, it belongs to CG2-WA category.

### RECOMMENDATIONS FOR USE

This product is used for the filling of 3-20 mm joints in porous ceramic, monocotto, bicotto, porcelain and natural stone tiles. It is used to stucco floors and outdoor coatings, where a high impermeability, elasticity and mechanical strength are required. For surfaces with vibrations, for surfaces with swelling and shrinkage (terraces, under-floor heating, pools, fountains, etc.). The product should be reinforced with 500 gr additive ADMIX S2 diluted in 700 - 1000 ml water for one MAXI FUGEN bag of 5 Kg.

### TECHNICAL DATA

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Form:                           | Powder                            |
| Colour:                         | 30 colors,<br>second baton Colors |
| Grain size:                     | 0,4 mm                            |
| Water demand:                   | 1.5 l/5 Kg                        |
| Application temperature:        | from +5°C up to +35°C             |
| Joints width:                   | from 3 mm up to 20 mm             |
| Pot life:                       | minimum 2 hours                   |
| Compressive strength:           |                                   |
| • Normal condition:             | 35 MPa                            |
| • After freeze-thaw cycles:     | 27 MPa                            |
| Flexural strength:              |                                   |
| • Normal condition:             | 4.9 MPa                           |
| • After freeze-thaw cycles:     | 4.1 MPa                           |
| Abrasion resistance:            | 791 mm <sup>3</sup>               |
| Water absorption after 30 min:  | 1,6 Gr                            |
| Water absorption after 240 min: | 4,2 Gr                            |
| Shrinkage:                      | 0,6 mm/m                          |
| Temperature rezistance:         | from -30°C up to +90°C            |

## METHOD OF PREPARATION

Mix the powder with clean water in a ratio 1lt/5 kg. Add the ADMIX S2 additive directly to the mixture and stir with a low-revolution electric agitator, until you get a homogeneous mixture. Rest the mixture for 10 minutes and stir again before the application.

## METHOD OF APPLICATION

Apply the product with a soft rubber screed. Removal of the remaining material should be made with a wet sponge in the moment when MAXI FUGEN has reached the required stability and consistency (this consistency is achieved about 20 minutes after the application of MAXI FUGEN ). The final cleaning of the tiles is made with a dry cloth. The final cleaning can also be made the following day, when the material has solidified with an appropriate cleaning cloth.

## STORAGE

24 months, if stored in its original packaging and protected by frost and direct exposure to sun.

## CONSUMPTION

0.2- 1 Kg/m<sup>2</sup>

## PACKAGING

5 Kg plastic bags

## HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advise immediately and show the contents of the container. Do not dispose the product into drains.

