



MEGAFUGA D101

Cement based joint filler, applied to the ceramic joints with gaps, ranging between 1 and 6 mm.

SKU: 054.D101

GALLERY IMAGES



PRODUCT DESCRIPTION

Product Advantages

- Provides a crack free, smooth appearance.
- Resistant to water, frost and high temperature.
- Prepared and applied easily.

Usage Areas

- MegaFuga is suitable for use on the joints with gaps, ranging between 1 and 6 mm on such floors coated with ceramic, natural stone, granite ceramic and marble and in horizontal and vertical joint gaps in indoors spaces.

Technical Informations

- **Performance** Abrasion resistance $\leq 2000 \text{ mm}^3$ TS EN 12808 - 2
Bending strength after dry storage $\geq 2.5 \text{ N/mm}^2$ TS EN 12808 - 3
Bending strength after freezing - thawing cycles $\geq 2.5 \text{ N/mm}^2$ TS EN 12808 - 3
Compression strength after dry storage $\geq 15 \text{ N/mm}^2$ TS EN 12808 - 3
Compression strength after freezing - thawing cycles $\geq 15 \text{ N/mm}^2$ TS EN 12808 - 3
Contraction $\leq 3 \text{ mm/m}$ TS EN 12808 - 4
Water absorption after 30 minutes $\leq 5 \text{ gr}$ TS EN 12808 - 5
Water absorption after 240 minutes $\leq 10 \text{ gr}$ TS EN 12808 - 5
The foregoing values represent the results of the laboratory tests conducted at $23 \pm 2^\circ\text{C}$ temperature and $50\% \pm 5$ relative humidity conditions. The values provided as per the table may vary depending on the surface and ambient conditions.

Application Limits Useful time for prepared mortar - Pot life: Maximum 1.5 hours
Drying time: Minimum 12 hours
Opening the traffic: 24 - 48 hours

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Technical Specifications a. Chemical Structure: Cement based joint filler with polymer additive

- b. Dry Density: $1.25 \pm 0.05 \text{ gr/cm}^3$
- c. Mortar Density: $1.90 \pm 0.05 \text{ gr/cm}^3$
- d. Grain Size: $\leq 150 \mu\text{m}$
- e. Color: White, Light Gray
- f. Temperature Resistance: -15°C to $+80^\circ\text{C}$

Mixing Ratio The product should be mixed with water, weighing equal to 30 - 33 % of the product. (6 - 6.6 liters of water for a 20 kg package)

Packaging MegaFuga is delivered in

- Net 5 kg Polyethylene Bags of 72 units provided on a palette of 80x100 cm in dimension (360 kg)
- Net 20 kg Kraft Bags of 60 units provided on a palette of 80x100 cm in dimension (1200 kg)

Reference Standardsa. Certifications / Standards

- TS EN 13888

b. Ministry of Public Works and Settlement Item No.

- Ministry of Public Works and Settlement Item No.: 04.013/2

Quality Certificates

- TSE/ CG1
- G

Application Procedure

▪ **Application Surfaces**

Indoors Walls;

Ceramic

Natural stone

Marble

Granite

Indoors and Outdoors Floors;

Ceramic

Natural stone

Marble

Granite**Surface Preparation :**

- The surface coating materials should have been bonded minimum 24 hours in advance.
- Joint application should not be initiated before the adhesive is completely dehydrated.
- Coating surface and joint gaps should have been cleaned and cleansed of oil, dirt and dust.
- The joint gaps should be moisturized in order to maintain the fixed water absorption of vertical and horizontal parts.

Application Methods :

- MegaFuga should be filled into joint gaps with a joint trowel through parallel and crosswise movements.
- The residuary on the mortar's surface should be scraped with a soft tip joint trowel or a moisturized sponge, and the thin layer of joint, which may have remained on the surface, should be thoroughly cleaned by wiping with a moist sponge after roughly 20 minute standby time, depending on the ambient temperature.
- Surface smoothening and cleaning should be performed with a dry cloth before MegaFuga dries completely.

Application Recommendations :

- The adhesive and the surface behind the coating should be completely dehumidified in order to prevent yellowing in the case of white joints and undulation in the case of colorful joints after the application.
- The application thickness of the joint filler should be identical for both floor and wall applications.
- MegaFuga Guard should be used in order for the prevention of the discoloration of the joint fillers used on such frequently cleaned surfaces and floors as kitchen counters and for the same to be lasting.
- Such cleaning supplies as bleach, hydrochloric acid and lime remover should not be used in order to ensure that the joint fillings are not damaged. The joint gaps should be cleaned with MegaClean.
- The product should, once mixed, be used before the expiration of its pot life. Any mortar, the pot life of which has expired, should not be used during the application.
- Any such foreign substance as lime, cement or plaster should not be added to the mortar prepared.
 - Any extra water should not be added to the mixture.
- The product should not be applied on unsound surfaces. The soundness and the load bearing capacity of old surfaces should be checked prior to adhesion.

- The surface should be preserved from air currents and water contact during and after the application.
- The product should not be applied to such surfaces, which are exposed to risk of freezing within the next 24 hours, which are frozen or the frost of which is thawing.
- Refer to our technical support hotline for recommendation on different surface applications. (PHONE: 444 4 595)

Surface and Ambient Temperature

The surface and ambient temperature should be between +5°C and +30°C whilst at application.

Color Options

ADDITIONAL INFORMATION

