

# FUGOFIL

*Cement-based waterproof pointing sealant  
Compliant to CG1 Class according to MKC EN 13888*

## Field of application:

It is used for sealing joints measuring up to 5 mm in width in horizontal and vertical surfaces covered with ceramic, marble, stone or concrete tiles. It is used for pointing joints in sanitary blocks, kitchens, balconies, pools, staircases, halls, warehouses, manufacturing plants, etc.

## Properties:

- Coloured one-component powdery material;
- Easy to apply;
- Waterproof (water repellent);
- Good adhesion;
- Resistant to bacteria;
- Eco-friendly.

## Technical features:

Property:	Method:	Values obtained from initial type examination	Declared value
Appearance	-	coloured powdery material	coloured powdery material
Water-to-cement ratio	-	0.32	0.30 – 0.33
Tensile strength in bending	MKC EN 12808-3	6.0 MPa	≥ 2.5 MPa
Tensile strength in bending after freezing-thawing cycles	MKC EN 12808-3	4.7 MPa	≥ 2.5 MPa
Compressive strength	MKC EN 12808-3	25.4 MPa	≥ 15 MPa
Compressive strength after freezing-thawing cycles	MKC EN 12808-3	23.8 MPa	≥ 15 MPa
Shrinkage	MKC EN 12808-4	1.93 mm	≤ 3 mm/m
Water absorption after 30 min	MKC EN 12808-5	1.5 g	≤ 2 g
Water absorption after 240 min	MKC EN 12808-5	2.3 g	≤ 5 g
Initial setting time	EN 196-3	5 hours	3 – 5 hours
Final setting time	EN 196-3	6 hours	4 – 6 hours
Модул на еластичност	EN 13412	31,1 GPa	≥ 20 GPa
Workability period	-	approximately 60 min	approximately 60 min

## Method of Application:

### Substrate preparation:

The surface should be sound, clean, grease-free and dust-free. The tiles should be installed by using an adhesive that will be applied over the entire tiling surface by using a notched trowel. The joints should be clean, dust-free and open to a depth of at least 3 mm. Before applying the pointing sealant, the substrate should be sprayed with water.

### Application:

The pointing sealant can be applied after a period of 24-48 hours from the installation of the tiles. The sealant is prepared by adding water to the material in compliance with the water-to-material ratio given in the table of this technical datasheet. According to the prescribed ratio, a package of 2 kg requires 0.6 – 0.7 l water, and a package of 20 kg requires 6 – 7 l water.

After adding the necessary amount of water to the material, they should be mixed together mechanically until a completely uniform mixture is obtained. The mixture should be allowed to stay still for 10 minutes and it should be mixed again immediately prior to its application. The prepared mixture should be applied on the surface by using a rubber trowel in such a way that the joints are properly filled.

Once the applied sealant begins to set, remove the excess material from the tiled surface by using a towel or a sponge.

After the application, the joints should be protected from exposure to water, moisture, snow, ice and direct sunlight. The temperature should range between 5°C и 35°C.

### Consumption:

Volume 1.7 g/cm<sup>3</sup>

Note:

The consumption of material depends on the size of the tiles and joints

- for medium size tiles: 0.4 – 0.6 kg/m<sup>2</sup>

- for small tiles: 1.5 – 2 kg/m<sup>2</sup>

Tile size (cm)	Joint size (cm)			
	0.2	0.3	0.4	0.5
2x2x0.3	1	1.6	-	-
10x10x0.6	0.4	0.6	0.8	1
15x15x0.7	0.4	0.5	0.7	0.8
20x20x0.7	0.3	0.4	0.5	0.6
30x30x0.8	0.2	0.3	0.4	0.4

### Maintenance:

The pointed surfaces should be maintained with water and mild detergents. It is strictly prohibited to wash the pointed surfaces with water under pressure.

### Standard colours:

The standard colours are given in the colour chart of ADING.

Note:

Slight colour deviations are possible due to technological reasons; however, it does not affect the quality of the product.

### Cleaning:

The tools and equipment should be cleaned with water immediately after use.

### Packaging:

In plastic cans of 2 kg and 20 kg

### Storage:

In a dry area, in original, closed packaging, protected from direct exposure to weather conditions. Shelf life: 12 months.

**Health hazards:** Avoid contact of the product with the skin. The material is not toxic; however, in case of accidental contact, in the event of contamination of some areas of the skin, wash it immediately with water and soap. If the material splashes into the eyes, immediately rinse the eyes with plenty of water and seek medical advice.

**Fire:** Fugofil is a non-flammable powder.

**Cleaning and disposal:** Loose residues of Fugofil should be cleaned with water. The old and used packaging should be disposed of in accordance with the local rules and regulations for that type of waste.

**ADING**

Novoselski pat (str.1409) No11. 1060 Skopje, R. Macedonia, [ading@ading.com.mk](mailto:ading@ading.com.mk),  
Tel: + 389 / 02 2034 840, 2034 820, Fax: 2034 821



[www.ading.com.mk](http://www.ading.com.mk)