



TEKAMAL MFM 0-1

Mortar for sealing joints in stone walls

FIELD OF APPLICATION

Tekamal MFM 0-1 joint sealing mortar is a ready-made mixture of cement, siliceous sand, special chemical additives and polymeric fibre. Due to its special composition, the mortar has a slight swelling effect, which makes it ideal for a perfect sealing of joints. It is specifically intended for sealing wide, 3 - 20 mm wide joints in stone walls, but it can also be used for sealing wide joints in other materials, always keeping in mind that siliceous sand is part of the mixture.

CHARACTERISTICS

Colour:	grey
Quantity of mixing water:	ca. 20 l water / 100 kg Tekamal MFM 0-1
Resting time:	ca. 5 minutes
Workability time*:	30 - 60 minutes
Working temperature:	5°C do 30°C
Consumption:	ca. 2 kg of dry mortar per 1 l of wet mortar

*Note: higher temperatures decrease the resting time of mortar, while lower temperatures increase it.

ADVANTAGES

Fresh mortar:

- ready-made mixture: only add the necessary amount of water on site;
- good workability;
- easy placement with a sealing gun;
- does not slump in vertical joints;
- does not bleed;
- retains moisture over a longer time.

Hardened mortar:

- seals the joint completely;
- resistant to wear;
- does not crack;
- resistant to freezing;
- improved resistance to corrosion.



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INSTRUCTIONS FOR USE

Surface preparation

The joints must be clean, free from dust and of an even depth. Absorbent surfaces should be soaked before applying the mortar, but the joints mustn't contain any standing water.

MIXING

- You will need approximately 20 l of water per 100 kg of **Tekamal MFM 0-1** to prepare the sealing mortar.
- The most suitable method for preparing the mortar is to pour dry mortar into water during constant mixing with an electrical mixer. Mix until a homogenous, thick mixture free from lumps is obtained. Mix so as to entrain as little air as possible.
- Leave the mortar to rest for about 5 minutes, then remix and apply. The workability time of the sealing mortar is 30-60 minutes, varying according to the temperature of the mortar and of the environment. Remix as necessary.

PLACING THE SEALING MORTAR

When sealing joints in stone walls, the easiest, fastest, cleanest and most economical way to apply **Tekamal MFM 0-1** is to use a sealing gun. Alternatively, you can apply the sealing mortar into the joints with a rubber shovel or trowel, moving it diagonally to the direction of joints, so that all joints are perfectly packed. Remove the mortar in excess and smooth the joints with a damp sponge. When the mortar starts to set, thoroughly remove all mortar residues on the surface with a damp (but not wet) sponge.

CURING FRESH SEALING MORTAR

In critical conditions (sun, extreme temperatures, wind, drafts) we recommend curing the freshly placed **Tekamal MFM 0-1** mortar with occasional wetting or with the **Kontrasol 22V** curing agent. You also have to protect the freshly placed **Tekamal MFM 0-1** from freezing.

CLEANING THE TOOLS

Clean all tools with water immediately after work.

PACKAGING

- 25 kg bags

STORAGE

- **Tekamal MFM 0-1** should be stored in tightly closed packaging, in a dry and ventilated place, protected from damage and moisture.
- In tightly closed and undamaged packaging, the shelf life of the product is min. 1 year from the production date.

SAFETY PRECAUTIONS

Because it contains cement, **Tekamal MFM 0-1** irritates the skin and eyes and may cause allergic reactions if it comes into contact with skin.

- When handling the product, protective gloves and goggles should be used.
- Do not breathe in dry powder.
- Use a protection mask when handling dry powder.

NOTE

Instructions are given on the basis of examinations and technical experience of the firm. Due to specific conditions and work methods, preliminary tests are advised for every type of use. Since we cannot influence the course of work, we cannot be held responsible for its quality.