

Repairing

Triflex FrameGrout



Product information

Applications

Triflex FrameGrout is used for filling manhole frames when refurbishing manhole covers and can be used for both conventional and self-levelling roll-in manhole covers.

Properties

2-component pigmented sealing mortar with a polymethyl methacrylate resin (PMMA) base. Triflex FrameGrout offers the following quality features:

- No damage to the newly refurbished shaft head due to compression work
- Fast-curing: The maximum final strength is achieved in just 30 min.
- Resistant to frost and de-icing salt
- Retains its volume
- Watertight
- Solvent-free
- Filling and connection to the road surface performed in one working step
- Filling and connection to the road surface using just one product
- Can be applied all year round
- Weather-resistant
- Very good flowability
- Wear-resistant
- UV-resistant
- Withstands high mechanical loads

Pack sizes

Drum/paper sack

2.50 kg Triflex FrameGrout R base resin*
20.00 kg Triflex FrameGrout S powder
22.50 kg

*Triflex FrameGrout R base resin is produced according to the season in summer or winter formulations. See product label.

It is not necessary to add a catalyst, as it is already contained in the powder component.

Colours

7022 Dark grey

Storage

Can be stored unmixed for approx. 12 months in a cool, dry place above freezing. Keep container away from direct sunlight when in storage and on the construction site.



Conditions for use

Triflex FrameGrout can be applied at substrate and ambient temperatures between +5 °C and +35 °C. In enclosed spaces, always ensure forced ventilation with a minimum of 7 air changes per hour.

Preparation of the substrate

The substrate must be sound, dry and free of loose or adhesion-reducing particles. Substrate adhesion must be tested on a case-by-case basis.

During application, the surface temperature must be at least 3 °C above dew point. Below that, a separating film of moisture can form on the surface to be worked on (DIN 4108-5, Table 1). See dew point temperature table.

Mixing instructions

Triflex FrameGrout R and Triflex FrameGrout S are mixed with a mixing ratio of 1:8 in a slow-running mixing machine until there are no more lumps. It is not necessary to add a catalyst, as it is already contained in the powder component. Mixing time: at least 2 min.

Material consumption

Approx. 2.20 kg/m² per mm thickness on a smooth even surface.
Volume with a minimum layer thickness of 5 mm: approx. 11 kg/m².

Pot life

Summer formulation: approx. 15 min. at +20 °C
Winter formulation: approx. 20 min. at +5 °C

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Drying time

Summer formulation:
Rainproof after: approx. 20 min. at +20 °C
Resistant/can be driven over after: approx. 35 min. at +20 °C

Winter formulation:
Rainproof after: approx. 25 min. at +5 °C
Resistant/can be driven over after: approx. 35 min. at +5 °C

Tensile bending strength and compressive strength

Compressive strength as per DIN EN 196-1:2005-05: 58.55 N/mm²

Tensile bending strength as per DIN EN 196-1:2005-05: 15.35 N/mm²

Resistance to frost and de-icing salt

The product is resistant to frost and de-icing salt.

Removal of the tubular formwork

The tubular formwork must be greased with Triflex Release Agent before use.

The tubular formwork can be removed after just 15 min. at +20 °C.

Information on particular hazards

See safety data sheet, section 2

Safety advice

See safety data sheet, sections 7 and 8

Measures in case of fire or accidents

See safety data sheet, sections 4, 5 and 6

General information

We guarantee the consistently high quality of our products. Non-Triflex products must not be used with Triflex systems.

The advice we give in relation to the application of our products is based on extensive development and many years of experience, and is correct to the best of our knowledge. Given the wide variety of on-site requirements and conditions, the user is required to test the product's suitability for the particular purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.