

MYK Grout Inject E-200

Low viscous epoxy resin injection Grouting material

Description:

MYK Grout Inject E-200 is a two part epoxy resin system for grouting gaps ranging from 0.3 mm to 10 mm. It is a two part system consisting of a base and hardener.

Advantages:

- ★ Moisture insensitive
- Low creep characteristics
- High compressive, tensile and flexural strengths
- Fast, convenient pumping
- Withstands a wide range of chemicals

Area's of Application:

This is the most ideal product for repairs and rehabilitation of structures showing hair line cracks. It is used to fill up cracks in roof slabs and other areas to make them structurally sound.

Properties:

The following results are typical for the cured grout at 30 deg.C.

Test method	Typical result
Mixed density (Gm/cc)	: 1.06
Compressive strength (N/mm ²) ASTM D695	: 3 day: Approx. 30 7 day: Approx. 65
Tensile strength (N/mm ²) (7 day)	: approx.15
Flexural strength (N/mm ²) (7 day)	: approx. 30

Chemical resistance

MYK Grout Inject E-200 is resistant to oil, grease, fats, most chemicals, mild acids and alkalis, fresh and sea water.

Pot life

Ambient temperature affects the time for which bulk material will remain fluid.

Typical values in minutes are:

	At 20°C	At 30°C
MYK Grout Inject E-200	60	30

Exotherm:

All epoxy systems will develop a temperature rise on mixing. Its extent will be a function of the volume to surface ratio, the ambient temperature as well as the mass and thermal conductivity of the surrounding materials.

Application instructions:

Prepare the surface and seal the cracks with a sealing compound which can also be used for bonding injection nipples. Depending on the crack width and depth the distance between nipples should be 200 to 500 mm.

Mixing and placing:

Pour all the contents of the hardener pack into the base container. Mix using a slow speed power mixer for 60 seconds. Use a suitable pressure pump for injecting the material into cracks. The low Viscous Epoxy injection system is to be injected well before the pot life. After 24 hours remove the nipples and seal the holes or voids with more sealing the compound and allow curing.

Supply: 2 Kg and 4.5 Kg packs

Consumption: Approx 1.06 kg of material is required for filling up of 1000cc (depending on the porosity of the substrate.)

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Shelf Life:

6 Months if sealed pack and stored under cool and dry shaded area.

Precautions:

The MYK Grout Inject E-200 should be handled with gloves. When come in contact with skin, eyes or other parts of the body clean with plenty of water and soap and medical advice has to be taken.

Quality Policy:

The information given in the data sheet is based on the years of experience, and found correct to the best of our knowledge. However the success of the product & its application is dependent on many external factors. We are fully assured of our products quality at the time of dispatch. As we are constantly endeavoring to enhance the qualities of our products which may reflect changes in the data sheets. Hence in the event of any doubt on critical parameters it is advisable to consult our technical department

Technical Support:

Technical information regarding Schomburg range of products can be obtained from the technical cell of MYK Schomburg

Note:

Information in this technical data sheet is to the best of our knowledge true and accurate. However, such conditions under which our products may be used are beyond our control, recommendations