

Epoxy / Polyurethane based joint filler

USES

FILLEREX is a saw cut joint filler and repair mortar. *FILLEREX* is used for filling horizontal non moving saw cut joints and random cracks, it is also used as repair mortar. Different formulations and types of *FILLEREX* are available and can be produced depending on the size of the joint or the repaired area.

DESCRIPTION

FILLEREX is two component epoxy / polyurethane based material. It is resistant to some mild chemicals and heavy vehicle traffic.

APPLICATION AREA

- Factory floors
- Textile factories
- Automotive factories
- Car parks and garages
- Warehouses
- Workshops
- Loading platforms,
- Floors subjected to mild chemicals such as food market floors, slaughter houses, food stores etc where some mild chemical and acids might form.
- It can be used anywhere where the floor is subjected to heavy vehicle traffic and some mild chemicals are present.

COLOR

FILLER EX is produced in light or dark gray colors

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| Color | Light or dark gray |
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GENERAL CHARACTERISTICS:

- **Solution Characteristics**
 - Newtonic fluidity
 - High wetting characteristics
 - High penetration characteristics
 - Solvent free
- **Mixture characteristics**
 - Dark gray , colored
 - Hard but not brittle
 - Resistance to some mild chemicals
 - Adhesion to almost every clean dry non humid surface.
 - High abrasion resistance

PHYSICAL AND CHEMICAL PROPERTIES

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| Viscosity Of resin | 400-500mPa.s.(25 °C) |
| Shrinkage during curing | Max 0.1% |
| Specific density | 1.7 (g/ml)for the mixture (A+B) |
| Water absorption | Max 0.2% by weight |
| Temperature resistance | Up to 50/60 °C |
| Color | Light or dark gray. |
| Types | Rigid, semi rigid types are available |
| Curing time at 20 °C | -12 hours or overnight for pedestrian traffic, -4 days for full carrying capacity |
| Curing time at 5 °C | -48 hours for pedestrian traffic, -Approximately 8 days for full carrying capacity |

POT LIFE

Pot life will vary depending on the ambient temperature, approximately 15 to 25 minutes at 20°C

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| Potlife at 20 °C | 15 - 25 minutes |
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APPLICATION STEPS

- The joints must be cleaned from any mortar remains
- The joints must be completely dry, free from damp and clean before starting application.
- In cold and damp weather, the joints must be dried quickly by heating before filling it.
- Place a tape on both sides of the joints to protect from spillage of material.
- Stir well the content of component A and B separately with an electric hand mixer (600-800rpm).
- Add the content of the small container into the large container and mix well. (component A and B are usually sold in the correct ratio , ready to use which should not be altered under any circumstances).
- For best results the mixture is emptied into a third container and mixed again.

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- Depending on the weather condition and ambient temperature the pot life is approximately 15-30 min at + 20°C. The mixture must be used during this period.
- Pour the mixture into the joint with the aid of crack squeegee or putty knife.
- Containers A and B should not be left open for a very long time.
- Coverage depends on the dimensions of the joints.
- The curing time at 20°C is approximately 24 hours for pedestrian traffic and approximately 4-5 days for full carrying capacity.

COVERAGE

- 200-250g/m for (0.5cm wide x 1.5 cm deep) joints. or Approximately 5-7 m/kg for (0.5cm wide x 1.5 cm deep) joints.

PACKAGING

- (component A + component B) in 5 or 15 kg units.

CLEANING OF EQUIPMENT

Tools and mixing containers must be cleaned immediately after use. (before curing) with MEC, Toluene or similar type of thinners.

PERSONEL PRECAUTION

It is irritating to eyes and skin and may cause sensitization by skin contact, wear appropriate gloves and protective clothing to prevent contact with skin and clothing..

Wear safety glasses ,goggles to prevent eye contact.

FIRE FIGHTING MEASURES

Extinguishing media: Sand ,water spray, carbon dioxide and dry chemical(extinguishing powder).Do not use water jet. Personal protective equipment: self-contained breathing apparatus. Protective clothing.

CAUTION

- Preferably do not use Backer rod because it will cause unstable and uneven long term transfer.
- Never fill a damp joint with *FILLEREX*, and always apply to clean , dry grease and oil free joint.
- Do not apply into vertical or slopping joints.

HANDLING AND STORAGE

• **Handling:**

For safe handling ensure good ventilation at the workplace, suitable clothing. Wear protection gloves and eye protection. Eating ,drinking and smoking should be prohibited in area where this material is handled, stored and processed.

• **Storage:**

Store in a dry area. Keep container tightly sealed in a cool storage room. Can be stored for one year in their original, undamaged , unopened containers.

Important information

This product is for industrial use only by professional, trained personnel using proper equipment, and is not intended for sale to, or use by , the general public.

LIMITED WARRANTY

All recommendations, statements, technical data and information contained herein are information received from our raw material suppliers and other sources and is believed to be correct. However we make no warranty , expressed or implied regarding the accuracy of this data or the results to be obtained from the used thereof. This product is warranted to be of merchantable quality when used according to the instruction herein.It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended.Liability under this warranty is limited to the replacement of the product as purchased,if found to be defective upon inspection by the manufacturer. we assume no responsibility to injury from the use of this product described herein.

GROUP OF COMPANIES



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