EPCF-85

Epoxy Crack Filler

DESCRIPTION

EPCF-85 is a two pack solvent free epoxy crack filler supplied as a thixotropic gel for repairing small cracks, joints and surface defects in concrete and masonry substrates. It is designed for static fissures where movement is not anticipated, providing a smooth and durable sealed repair prior to the application of epoxy, polyurethane or cementitious coatings. The product cures to a tough, abrasion resistant finish with excellent adhesion to concrete and other mineral surfaces.

EPCF-85 is easy to apply with a spatula or trowel, offering fast and effective crack sealing for both industrial and commercial floors.

Features & Benefits

- **Thixotropic epoxy gel filler**
- **Repairs and seals small cracks and joints**
- **Fast curing, typically 4–6 hours for light use**
- **High strength and durable finish**
- **Excellent adhesion to concrete and masonry**
- **Solvent free**
- **Easy application with spatula or trowel**

Packaging Kit

EPCF-85 is supplied in pre-weighed units to ensure correct mixing ratios:
2.5 kg kit consisting of Part A (1.5 kg) and Part B (1.0 kg), giving a mixing ratio of Part A : Part B = **3 : 2 by weight.**

Coverage

Consumption depends on the width and depth of cracks. As a guide, 1 kg of mixed product fills approximately 1 litre of void volume. For example, a 1 kg unit will fill 10 linear metres of a crack measuring 2 mm wide and 5 mm deep.

Coverage may vary depending on substrate porosity, surface profile and application method.

Environmental Conditions

Application should take place between 10 °C and 30 °C with the substrate at least 3 °C above the dew point. Ambient relative humidity should not exceed 75 % during application and curing. Adequate ventilation is necessary to promote correct curing.

Substrate Requirements

Concrete must be structurally sound with compressive strength of at least 25 N/mm² and tensile strength greater than 1.5 N/mm². Cracks should be clean, free from dust, laitance, loose particles, oils and contaminants. Mechanical preparation and vacuum cleaning is recommended to ensure good adhesion.

Mixing

All components should be conditioned to 15 °C – 25 °C before use. Pour Part B (Hardener) into Part A (Resin) and mix thoroughly with a slow speed drill (300–400 rpm) until homogeneous. Apply the mixed material immediately after preparation.

Product Application

EPCF-85 is applied directly into cracks, joints or surface defects using a spatula, filling knife or steel trowel. The gel consistency allows easy placement and compaction without flowing out of the repair area. Material should be pressed firmly into the defect to ensure full contact with the substrate and a flush finish with the surrounding surface. Once cured, any excess can be removed by light grinding or mechanical means prior to overcoating.

Appearance

Supplied as a blended grey mortar. Other colours may be available on request subject to minimum order quantities.

Chemical Resistance

EPCF-85 is resistant to water, mineral oils, greases, fuels, salts and a wide range of diluted acids and alkalis. For specific resistance information, please consult the Technical Department.

Product Confines

EPCF-85 is intended for static cracks and fine joints. It should not be used for dynamic, moving or structural cracks. Substrate preparation remains essential for best results. Slight ambering may occur under UV exposure without affecting performance.

Cleaning

EPCF-85 Tools and equipment must be cleaned immediately after use with **JofaSolvent.** Once cured, the mortar can only be removed mechanically.

Health & Safety

Refer to the Safety Data Sheet (SDS) before use. Applicators must wear appropriate PPE including chemical resistant gloves, safety glasses and respiratory protection in poorly ventilated areas.

Disposal of Containers

Empty containers must be treated with the same precautions as full ones and disposed of via an authorised hazardous waste contractor.

Any remaining Part A and B should be mixed together and allowed to cure before disposal.

Additional Information

Jofa Resins endeavour to ensure that all product guidance provided is accurate and correct. Information given by or on behalf of Jofa Resins is based on tests and installations and on our current knowledge and experience. It implies no warranty or guarantee arising from the use of its products as the substrate and site conditions and the actions of any installation team involved in product application is beyond our control. Whether or not in accordance with any advice, recommendation, specification, or information given by Jofa Resins.

Jofa Resins products are guaranteed against defective materials and manufacture and are sold subject to our standard terms and conditions of sale, copies which can be obtained upon request.

Please contact the Jofa Resins Technical Department for further assistance.

TECHNICAL INFORMATION

Shelf Life	24 Months when stored in unopened containers under proper conditions.
Pot Life Temp 20°C	10 to 15 Minutes
Curing Schedule 20°C	**Recoating:** 4 - 6 h • **Heavy traffic:** 24 - 36 h • **Full cure**: 7 days
Storage	This Product must be stored off the ground in original packaging, unopened and un-damaged. The ambient conditions must be dry and between 10°C and 30°C with no direct sunlight. Protect from frost.
Adhesion Strength EN 13892-8	>2.5 N/mm²

The above values, based on laboratory tests and our practical experience with this product, represent typical properties measured under standard laboratory conditions of 20 °C and 50 % relative humidity.

GET IN TOUCH
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