

**CRACK FILLER EPOXY GEL FAST DRY**  
**VOC-Free, High Performance Crack Filler Epoxy**

**PRODUCT DESCRIPTION**

The CRACK FILLER EPOXY GEL is a two-component gel epoxy crack repair system which is VOC-free, 100% solid (no solvent) and odor free. The product is easy to use and can be easily applied on horizontal and vertical surfaces. It also offers a long pot life and working time but cures very quickly allowing the installation of the base coat or primer minutes after the application of the CRACK FILLER EPOXY GEL. This product possesses superior mechanical and chemical properties suited for commercial and industrial applications. The formulation is based on a high-performance cycloaliphatic polyamine technology displaying outstanding properties.

**ADVANTAGES**

- Environment friendly (100% solids, VOC-free and solvent-free)
- Potential for LEED eligibility
- Odor free
- Compatible with epoxies and polyaspartics
- Can be used on vertical surfaces
- Recoat window of 24 hours
- Maintain its thixotropy even during exothermic reaction
- Easy application with long pot life and working time
- Fast curing

**USES**

The CRACK FILLER EPOXY GEL is suited for the most demanding applications:

- Industrial uses
- Manufacturing facilities and warehouses
- Commercial centers
- Office buildings
- Retail stores
- Parking garages
- Food/beverage processing and preparation plants
- Public facilities including hospitals and schools
- Pharmaceutical companies
- Other industrial, commercial, farming, military and residential uses

**APPLICATION DATA**

Mix ratio	2A :1B
Pakaging	1 gallon /3 gallon kits
Color	Grey
Viscosity	Gel
Shelf life	One year in original unopened Factory pails under normal Storage conditions
Application temp.	Min 10°C , max 3°C 55%
Cure time	
Working time	45 min 22°C et 55% humidity rel.
Recoat	60 min 22°C et 55% humidity rel.

**Solids content 100%**

**SURFACE PREPARATION**

**Floor Coating: CRACK FILLER EPOXY GEL FAST DRY**

Last update: December 2016

Concrete should be clean, dry and free of grease, oil, paint, curing agents or any contaminants that may inhibit proper adhesion. Concrete should be cured at least 28 days before applying the coating system.

Proper testing procedures should be practiced with regards to soil acidity and moisture vapor transmission. Take a pH reading to ensure concrete is neutral (a reading between 5 and 9 is acceptable). Use a calcium chloride test to measure moisture vapor transmission. Readings of 3.5 lbs/1000 sq. ft. during a 24-hour period or less are acceptable for applying coatings. Higher results should receive a moisture mitigation system.

Surface must be prepared mechanically in line with CSP-3-4. Ensure the surface is free of contaminants, and the pores are open to allow the product to bound.

If the product is applied over an existing epoxy flooring system that has been cured for a period longer than one day it should be sanded with a proper floor machine. A mechanical bound to a sanded surface is required and the pores of the existing coating must be opened for better adhesion. Vacuum dust and properly wipe the surface prior applying the CRACK FILLER EPOXY GEL. Conduct adhesion tests if there is a doubt about surface preparation.

**MIXING**

Mix two parts of A and one part of B together at low speed on a vertical surface using a trowel or a scrapper. The surface must be clean and free of any outside particle. Mix only the necessary quantity to be used according to the specified pot life / working time.

**APPLICATION**

Apply only when air and floor temperature is between 10-30°C and the relative humidity less than 85%. The

product has been especially designed to adhere on concrete surfaces.

Once the surface has been properly prepared, apply the product with a trowel or a scrapper. The CRACK FILLER EPOXY GEL is a gel designed to be applied in thick layers to fill gaps or holes in concrete floors or walls.

Proper testing should be conducted prior application.

**RECOAT**

Wait at least 60 minutes after the application of the CRACK FILLER EPOXY GEL to install the epoxy/polyaspartic primer or base coat. Do not recoat without sanding if the product has been applied for more than one day. The floor surface should be sanded/abraded until a uniform dullness is achieved. There should be no gloss on the prior coating after vacuuming and before applying the next coat.

**CLEAN UP**

Cured product may be disposed of without restriction. Excess liquid A and B material should be mixed together and allowed to cure, then disposed of in the normal manner. Product may be disposed in accordance with provincial and federal regulations. Uncured material can be removed with proper solvent. Follow the solvent manufacturer instructions for use and warnings.

**LIMITATIONS**

Requires a dry substrate. This product should not be applied to concrete substrates that show high levels of moisture/humidity. Although this product may be applied in a wide range of thickness, limitations may apply when taking into consideration curing time.

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Everything else being equal, thicker is the film, quicker is the curing time. Moisture content of the substrate must be <4% prior to application. Not suited for exterior applications. Temperature will also impact curing time. Curing time may extend significantly at very low temperature levels. Keeping the product stored at room temperature will make the application easier and dry times shorter.

operating conditions and application procedures. Clients are solely responsible to test Chemtec products to determine if they perform as expected. Contact Chemtec for further information regarding the limitations of this product.

Chemtec stands behind the quality of its products. However, Chemtec cannot guarantee results since Chemtec has no control over surface preparation,

### AVAILABLE COLORS

**Grey/Milky**

**Refer to the most recent Material Safety Data Sheet prior using this product**

Chemtec coating

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