

# EPOXY CRACK FILLER

100% Solids

DCC Master Format™ 09 67 00 (REVISED VERSION 2.3: NOVEMBER 2021)



## Product Description

EPOXY CRACK FILLER is a two component, sag resistant structural epoxy system designed to repair vertical or horizontal cracks. It has excellent adhesion to concrete, masonry, wood, metal and plastics. This system has been approved by the Canadian Food Inspection Agency (CFIA).

## Advantages

- ☑ Easy to apply and clean
- ☑ Suitable for interior application
- ☑ No VOC
- ☑ Excellent adhesion to concrete
- ☑ Coatings can be applied 120 mins following application

## Technical Data

Packaging	1 US GAL, 2 US GAL, 3 US GAL, 15 US GAL, 150 US GAL, 750 GAL
Color	Part A Milky    Part B Honey    Part C Beige
Mileage per gallon	Varies according per application
Shelf Life	12 months in original unopened factory sealed containers. Keep away from extreme cold, heat or moisture. Keep out of direct sunlight and away from fire hazards
Mix Ratio, by volume	A: B = 2:1
Mix Ration, by weight	A: B = 100:41
Pot Life (454 g)	15-25 mins

## Properties

Solids, content by weight	100%		
Solids Content, by volume	100%		
Density (kg/L)	Part A 1.12	Part B 0.93	Mix -
Thinner Recommended	SCT-0001		
Coating Window	2-3 hours		
<b>Times are approximate and will be affected by changing ambient conditions, especially changes in temperature and relative humidity</b>			
Viscosity at 25 °C	Part A 150000-180000	Part B 1250000-150000	Mix 1050000-125000
Compression Resistance (psi) ASTM D695	130000-15000		
Traction Resistance (psi) ASTM D638	6500-7500		
Elongation % ASTM D638	30		

Please note that the mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same mileage

## Surface

### Old Concrete

Concrete surface must be cleaned. BLASTRAC, sand blasting, diamond grinder w/30 grit or coarse, or water blasting is highly recommended to remove surface contaminates. Any oils and fats must be removed prior to product application. Acid etching may be required (followed by a thorough rinsing) to open the pores of the concrete to accept a primer. Do not apply to wet substrates. Chloride, moisture, and pH levels should be checked prior to application.

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## New Concrete

The concrete should be allowed to cure for a minimum of 30 days. Compression resistance of concrete must be at least 25 MPa (3625 lbs./inch<sup>2</sup>) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs./inch<sup>2</sup>). BLASTRAC, sand blasting, diamond grinder w/30 grit or coarser or acid etching (followed by a thorough rinsing) is required to remove the surface laitance that appeared during the curing process. A primer should be used to reduce out-gassing and promote adhesion

## Mixing

Materials should be pre-conditioned to a minimum of 10 °C prior to use. Thoroughly mix each component separately using paddle mixers and a drill for a minimum of 2 minutes to place the solids content evenly in both suspensions. Pour component B into component A using the proper mixing ratio of 2A:1B by volume. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life of mixture.

## Application

Apply Mixed product on the prepared surface using a trowel or a putty knife.

## Cleaning

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

## Restrictions

- Minimum/Maximum temperature of substrate: 10°C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing: 85 %.
- Substrate temperature must be 3 °C (5 °F) above dew point measured.
- Humidity content of substrate must be <4% when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24-hour initial curing period
- Surface may discolor in areas exposed to regular ultraviolet light

## Health and Safety

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse.

Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation.

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**\*Consult the material safety data sheet for further information.\***

## EPD - Self-declaration

**GROUND FX FLOORING** stands behind the quality of its products, However, **GROUND FX FLOORING** cannot guarantee results since **GROUND FX FLOORING** has no control over outside operations, surface preparation, operating conditions, and application procedures. Clients are solely responsible to test the products to determine if they perform as expected and/or as per their intended projects and/or use.

Contact **GROUND FX FLOORING** for additional information regarding the limitations of this product.

**GROUND FX FLOORING** declares that the product fulfills the criteria for reactive resins based on epoxy resin, unfilled, solvent free with low content of reactive diluent.

## Technical & Safety Literature

Information on the safe handling of chemical products, as well as the essential physical, safety-related, toxicological, and ecological data can be found in the current safety data sheets (MSDS/SDS).

Observe all relevant regulations, e.g., the hazardous substances act. To acquire additional information, refer to the technical and safety literature, or contact your **GROUND FX FLOORING** Technical Representative: (618)988-6700 or via email at [order4gfx@gmail.com](mailto:order4gfx@gmail.com)

## Warranty

**GROUND FX FLOORING** warrants this product to be free from manufacturing defects. The products are warranted for one year after date of application. Please refer to the **GROUND FX FLOORING** Limited Material Warranty for additional information.

**GROUND FX FLOORING** will replace at no charge the quantity of the Coating that **GROUND FX FLOORING** determines has failed to perform, as the sole and exclusive remedy for any breach of this warranty and/or any other defect or failure of the coating. Proof of purchase is required. Cost of labor for application of any product specifically is excluded.

**LEGAL DISCLAIMER:** All information provided by **GROUND FX FLOORING** concerning **GROUND FX FLOORING** products, including but not limited to, any recommendations and advice relating to the application and use of **GROUND FX FLOORING** products, is given in good faith based on **GROUND FX FLOORING**'s current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with **GROUND FX FLOORING**'s instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of **GROUND FX FLOORING**'s control are such that **GROUND FX FLOORING** assumes no liability for the provision of such information, advice, recommendations, or instructions related to its products. (The user of **GROUND FX FLOORING** product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s)).

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## SAFETY

Consult **EPOXY CRACK FILLER** Safety Data Sheet. Avoid contact with skin. Some individuals may be allergic to epoxy resin. Protective gloves, facial and ocular protection, proper ventilation, and clothing are recommended.

**- KEEP AWAY FROM CHILDREN -**  
**- FOR INDUSTRIAL USE ONLY -**