

# CrackFil

## Crack Filling Putty

### GENERAL DESCRIPTION

**CRACKFIL** is a fast curing, 100% solids epoxy, which is designed to be used as a crack sealing compound. It is used primarily to fill and repair cracks in order to create a flat surface. It can be overcoated with any of the other **DUROFLOR®** linings or maintenance products.

### FEATURES

- Fast curing
- Cures at temperatures as low as 40°F
- No toxic fumes
- Good bond strengths
- Easy to Apply

### PACKAGING

**CRACKFIL** is available in ¼ kg. kits.

### COVERAGE

**CRACKFIL** can be applied into small hairline cracks or larger, deeper cracks. Due to the variation in size of the cracks, it is difficult to approximate coverage. Theoretically, if the cracks averaged ½" deep and 1/8" wide, one kit would fill 640 linear feet. Different sized cracks will change the linear foot coverage.

### MIXING RATIO

3 parts base (B) to 2 parts (A) hardener by weight  
5 parts base (B) to 4 parts (A) hardener by volume

### POT LIFE

Working time of material in static mixer is 8 minutes.

### COLORS

**CRACKFIL** is opaque in color.

### TECHNICAL DATA AND INFORMATION

#### Basic Chemical Resistance at Room Temperature:

Inorganic Acids	Very Good
Organic Acids	Very Good
Solvents	Excellent
Alkalis	Excellent
Salts	Excellent
Alcohols	Good
Hydrocarbons	Good

#### Typical Physical Properties of Cured System:

Density	1.08
% Solids	100
Tensile Strength @ 70°F	7,000 psi
Max. Dry Operating Temp	250°F
Operating pH Range	2.0-14.0
Durometer Shore D	80

### SURFACE PREPARATION

- For maximum adhesion, material should be applied to a firm, clean, dry and abraded surface.
- Best results will be obtained by abrasive blasting the surface.
- If blasting is impractical, a grinding wheel, needle gun, or very stiff wire brush may be used.
- Clean greasy, oily or waxed surfaces with suitable solvent before applying material.

### MIXING

Mix ALL of Part A with ALL of Part B in the Part B bucket. If the materials are cold, warm them to about 70°F before mixing.



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## CLEANUP

All mixing and applications tools should be immediately wiped or scraped clean when finished with using.

## APPLICATION

**CRACKFIL** should be applied over the **DUROFLOR® SEALER**. For best results, do not apply:

- When temperature is below 40°F.
- To oily surfaces

**CRACKFIL** may be applied by hand, using a small trowel or putty knife. Press material thoroughly into the substrate and build up to meet the desired thickness. Smooth over to create the desired surface.

## OVERCOATING @ 70°F

**CRACKFIL** can be overcoated to obtain additional chemical resistance. Overcoating can be done as soon as the surface will not be disturbed by the overcoating process. Since the **CRACKFIL** is quick curing, the overcoating can be done almost immediately.

## CURING @ 70°F

- Tack Free (hours) 2
- Functional Cure (hours) 8
- Full Cure (hours) 48

## Q/C

The material should be visually inspected just after application and touched up where necessary.

## FORCE CURING

The **CRACKFIL** cannot be force cured to accelerate curing.

## STORAGE

Store in dry area in closed containers between 50°F and 110°F. Shelf life at these conditions is greater than one year.

## HEALTH AND SAFETY

READ AND UNDERSTAND ALL MATERIAL GIVEN IN THE MSDS SHEETS BEFORE USING THE PRODUCT.

**CRACKFIL** DOES NOT CONTAIN ANY FLAMMABLE MATERIAL OF ANY KIND. HOWEVER, THE MATERIAL IS COMBUSTIBLE. IN THE EVENT OF A FIRE, DRY POWDER, FOAM, OR CARBON DIOXIDE FIRE EXTINGUISHERS SHOULD BE USED. FIRE FIGHTERS SHOULD WEAR RESPIRATORS.

USE PROTECTIVE GLOVES AND EYEGLASSES WHEN USING.

USE IN AREAS OF GOOD VENTILATION.

## LIMITED WARRANTY

All recommendations covering the use of this product are based on past experience and laboratory findings. Methods or conditions of application and use of the product are beyond our control. We assume responsibility only for the uniformity of our product within normal manufacturing balances.

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