



# CRETEFILL SPALL REPAIR

FROM THE MAKERS OF THE ASHFORD FORMULA AND THE RETROPLATE SYSTEM™



## Product Description

**Crete Fill Spall Repair** is a rapid setting, high strength hybrid urethane repair material. This two part, 1:1 system is 100% solids and designed for repairing damaged control joints and larger cracks where no future slab movement is expected. CreteFill *Spall Repair* urethane, when combined with sand, will develop into an extremely strong polymer concrete designed to repair existing concrete that has been damaged by forklifts, steel-wheeled carts, etc.

**CreteFill Spall Repair** is recommended for, but not limited to, the following applications:

- Spall Repair
- Freezer Threshold Repair
- Parking Deck Repair
- Grade Matching
- Repair Deteriorated Concrete
- Replace Lost Concrete Sections
- Delamination of Concrete Slabs
- Fill & Repair Spall Before Coating



## Product Benefits

1. Meets USDA and FDA Requirements
2. Cures from -20°F to 130°F
3. "Drive-Over" in 45 Minutes
4. Produces High Strength Repair
5. Self-Leveling
6. Self-Priming
7. Can be Color Matched



## Form & Availability

**Packaging:** 1, 2, and 10 Gallon Kits  
Upon Request - 22 oz. Cartridges (12/case)

**Shelf Life:** 1 Year in Original, Unopened Container

**Storage:** Do Not Store Below 45°F or Above 85°F



## Preparation and Installation Guidelines

Clean the area of debris and contaminants that would act to debond the **CreteFill Spall Repair**, such as oils, loose materials, dirt, rubber, etc. Expose clean, rough concrete for best results. If using a saw to cut concrete and clean the spall, remove all the dust from the cut out area. Cut a vertical edge, minimum ½" deep, around perimeter of spall. Make sure the area is dry. Vacuum Vacuum or blow off cement dust. Call Curecrete Distribution, Inc. at 1.800.998.5664 to receive comprehensive installation guidelines for **CreteFill Spall Repair**.

## Technical Data +

<b>Viscosity (Mixed) Measured at Application</b>	250 cps
<b>Hardness, Durometer (ASTM D-2240)</b>	57 to 62 D
<b>Tensile Strength, PSI (ASTM D-412)</b>	4600
<b>Tear Strength (ASTM D-624)</b>	-lb/mil 489
<b>Elongation % (ASTM D-412)</b>	6% to 8%
<b>Compressive Strength (neat) (ASTM C-109) (with sand)</b>	3900 psi 4800 psi
<b>Bond Strength (ASTM 882-99)</b>	3450
<b>Pot Life C-881 77° - 100 Grams</b>	5 Minutes
<b>Faster Formula Available Upon Request</b>	3 Minutes



## Special Considerations

### Mixing Instructions

#### 5 Gallon "B" (Polyol) Side

Stir gently with a jiffy mixer for at least 2 minutes before mixing with the "A" (Isocyanate) side.

#### 1 Gallon & ½ Gallon "B" (Polyol) Side

Shake vigorously for approximately 60 seconds before mixing with the "A" (Isocyanate) side.

### Where the Spall is Deep

1. Mix "A" and "B" components together in equal parts.
2. Blend sand into mix and pour into spalled out areas.
3. Quickly trowel and work mixture to finished grade.

### Filler

Sand filler should have minimal moisture content. Grit sizes from 12 to 60. In exterior applications, the use of dry silica sand will reduce discoloration from UV rays. Pea gravel can be used on very large spalls (fly ash can also be used as a filler). **CreteFill Spall Repair** can be used to bond damaged slabs together. Not intended for use where substrate movement is required. CreteFill Spall Repair is slightly moisture sensitive and should not be applied to wet surfaces.

### Grinding to Finish Grade

Allow **CreteFill Spall Repair** to set about 45 minutes or until hard. For best results, use a flexible grinding wheel. Grind smooth with a 7-inch wheel. Scrapping or cutting may also be done with a sharp razor blade cutter. Cut as soon as product is set and not completely hard. Repair is now ready for traffic.



## Technical Support

Technical information and assistance can be obtained by calling Curecrete Distribution, Inc. at 1.800.998.5664. Call to receive comprehensive guidelines for **CreteFill Spall Repair**.

Please visit our website, [www.ashfordformula.com](http://www.ashfordformula.com), for information on this and other available products.