



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 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 +

Viscosity (Mixed) Measured at Application	250 cps
Hardness, Durometer (ASTM D-2240)	57 to 62 D
Tensile Strength, PSI (ASTM D-412)	4600
Elongation % (ASTM D-412)	6% to 8%
Compressive Strength (neat)	3900 psi
(ASTM C-109) (with sand)	4800 psi
Bond Strength (ASTM D882-99)	3450 psi
Pot Life C-881 77° - 100 Grams	5 Minutes
Faster Formula Available Upon Request	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, for information on this and other available products.