



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.

**Note: CreteFill Spall Repair will exhibit slight color changes when exposed to UV and UV emitting lighting.*

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



Product Benefits

1. Meets USDA Requirements
2. Cures from -20°F to 130°F (-28.9°C to 54.4°C)
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 (7.2°C) or above 85°F (29.4°C)



Preparation and Installation Guidelines

Clean the area of debris and contaminants that can debond CreteFill Spall Repair, such as oils, dirt, rubber, etc. Clean, rough concrete typically yields the best results. If using a saw to cut the concrete, remove all dust from the cut out area. Cut a vertical edge, minimum ½" deep, around the perimeter of the spall. Make sure the area is dry. Vacuum or blow off cement dust. For comprehensive installation guidelines contact Curecrete.

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

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 & 1/2 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 can range from 12-60. 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. It is 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 for 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.



Safety and Handling

All personnel should read and understand the product Safety Data Sheet (SDS). Long-sleeved overalls or disposable overalls, rubber gloves, splash shields, and rubber or leather boots should be worn. Do not use near high heat or open flame. Do not ingest. Keep out of the reach of children.



Clean Up and Disposal

Cured product may be disposed of without restrictions. Excess liquid 'A' and 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Cured materials may be stripped or peeled from plastic tools and containers. It is recommended that metal tools be cleaned within one hour of use by cutting or peeling cured material from the tool.



Warranty Information

Satisfactory results depend not only upon quality products, but also upon factors beyond our control. Methods of application and site conditions are examples of such factors and can affect product performance. This warranty consequently extends only to products installed in strict accordance with the manufacturer's specifications. It is the user's responsibility to satisfy himself/herself, by his/her own information and testing of the suitability of the product for his/her own intended use. The user assumes all risk and liability resulting from his/her use of this product. The substrate to which the product is applied must be sound structurally. Structural or substrate failures or imperfections resulting in damage to or failure of the product are not covered by this warranty. Since the use of the product is beyond the control of the manufacturer, the manufacturer assumes no liability for misapplication and misuse of the product. This warranty does not cover consequential damages, nor does it cover the labor attendant to replace the product in the event of product failure. This warranty only extends to replacement of the product itself. All products proven to be defective in manufacture will be replaced at no charge. Since the use of these products is beyond our control we cannot assume any risk or liability for results obtained, nor can we accept damages in excess of the purchase price of these products.

Curecrete warrants this product to be free from any manufacturing defects.



Technical Information & Safety Data Sheet (SDS)

Technical information and assistance can be obtained by contacting Curecrete. Please visit our website, www.curecrete.com, for information on this and other available products.



Please scan the code for this product's **Safety Data Sheet (SDS)**.

Chemical Resistance

Test Procedure; ASTM D-1308 @ 72°F

R = Recommend

RC = Recommend Conditional = Some Swelling or Discoloration

N = Not Recommend

1 = Some Discoloration Only

Chemical	Result
Acetic Acid 10 %	R
Acetone	RC
Battery Acid (Sulfuric Acid)	RC
Brake Fluid	R
Chlorine (2,000 ppm in water)	R
Citric Acid	R
Gasoline	R
Hydraulic Oil	R-1
Methanol (5%) Gasoline	RC
Motor Oil	R-1
Toluene	RC
Vinegar	R
Water	R
Xylene	R



Product Distribution

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