



# CRETE FILL PRO 85

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

## PRODUCT NAME

CreteFill Pro 85 Control Joint Filler

## APPLICATION

The CreteFill Pro 85 Control Joint Filler is a rapid setting, self leveling, 100% solids, two component, 1:1 ratio, Polyurea Elastomer joint filler with a Shore A Hardness of 85. Designed for concrete with low to medium thermal cycling. Crete Fill Pro 85 Control Joint Filler cures rapidly and consistently in applications ranging from -20°F to 130°F. Product is tack free in 3 minutes. Applications can be reopened to vehicle or foot traffic in 1 hour.

CreteFill Pro 85 Control Joint Filler is designed to fill and protect joints specifically for industrial floor applications, subject to heavy vehicle traffic, such as forklifts or steel wheeled carts. Used to fill damaged control joints, or new control joints on horizontal concrete. Slightly flexible, allowing small slab movement, yet strong enough to protect the vertical edges of concrete from spalling under extreme loading and exterior applications when little joint or crack movement from thermal cycling will occur. Exposure to ultraviolet light may cause discoloration, however the physical properties are unaffected.

- Industrial and Warehouse Floors
- Manufacturing Facilities
- Pulp and Paper Mills
- Bottling and Canning Facilities
- Airports
- Water and Waste Water Treatment
- Cold Storage Facilities
- Food Processing Facilities
- Freezers

## RECOMMENDED PUMPING

### CreteFill Pro Polyurea Pump

Gear Drive, Easy to Clean, Flow Volume Adjustable, Light Weight, Stainless Steel Tanks, Optional Battery Operation, Built to Last.

## BENEFITS

1. 100% Solids, Contains No VOCs
2. Can Be Polished Without Smearing
3. When Properly Applied, Produces Minimal to No Staining
4. Meets USDA & FDA Requirements
5. Flexible, 190-230% Elongation
6. Return Project to Service in 60 Minutes
7. Cures From -20°F to 130°F
8. Odorless, No Toxic Vapors
9. Resistant to Petrochemicals
10. Remains Flexible, Even in Cold Temperatures

FROM THE MAKERS OF THE

ASHFORD FORMULA™ AND THE RETROPLATE SYSTEM™

## TECHNICAL DATA

Color A+B		Concrete Grey
Viscosity (Mixed)		Self-Leveling
Mix Ratio (By Volume)		1:1
Pot Life 100 grms at 77°F		1 Minute
Tack Free (Thin Film) @ 77°F		3 Minutes
Initial Cure		15 Minutes
Final Cure		60 Minutes
% of Elongation	ASTM D-412	190 Minimum
Tensile Strength, psi	ASTM D-412	960 Minimum
Tear Strength, pli, Die C	ASTM D-624	195 Minimum
Shore "A" Hardness	ASTM D-2240	85-87 A

## PREPARATION AND INSTALLATION GUIDELINES

Surface must be clean, sound, and dry. Remove dust, grease, curing compounds, waxes, foreign particles and disintegrated materials. Joint cleaning procedures must include the proper preparation of the joint to receive the polyurea. Failure to prepare the joint will compromise the bonding capability of the polyurea. Call Curecrete Distribution, Inc. at 1.800.998.5664 to receive comprehensive installation guidelines.

## BULK MIXING

"A" Side is ISOCYANATE

"B" Side is POLYOL

For bulk mixing, use a one to one ratio metered pump. Only component "B" side needs to be stirred before being loaded into the pump, taking extra care not to move the mixer up and down in the bucket that may cause air entrapment in the product, resulting in small air bubbles on the surface of the final joint fill. Do not allow material to reside in static mixing head or nozzle for more than 45 seconds or nozzle blockage may result.

## AVAILABILITY

22 oz. (651 ml) Cartridges - 12 per Case

10 Gallon Units (38 L)

## SHELF LIFE

One year in original, unopened container.

## STORAGE CONDITIONS

Do not store below 55°F or above 85°F.

## CONSISTENCY

Pourable, self-leveling liquid.

## APPEARANCE

Concrete grey. Custom colors available.

## LIMITATIONS

- Do not thin product. Solvents will prevent proper cure.
- Not for sealing cracks under hydrostatic pressure.
- Material is a vapor barrier after cure.

## LIMITATIONS (Continued)

- Minimum age of concrete must be 28 days, depending on curing and drying conditions prior to applications.
- Not to be used in moving cracks or expansion joints.

## CLEAN UP

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 tool.

## SAFETY AND HANDLING

All personnel should read and understand product Material Safety Data Sheets provided. Long sleeved overall or disposable overalls, rubber gloves, splash shields, rubber or leather boots should be worn. Do not use near high heat or open flame. Do not take internally. Keep out of the reach of children.

## FIRST AID

Remove any contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact physician immediately. For respiratory problems, remove person to fresh air. For skin contact, remove polyurea immediately with a dry cloth or paper towel. Wash area of contact thoroughly with soap and water. Solvents should not be used because they carry the irritant into the skin. Wash contaminated clothing prior to re-use. Cured products are innocuous.

## WARRANTY

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 manufacturer's specifications. It is the users responsibility to satisfy himself, by his own information and tests, of the suitability of the product for his own intended use; user assumes all risk and liability resulting from his use of the product. The substrate to which the product is applied must be sound structurally and otherwise. 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 replacing product in the event of a product failure. The 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 Distribution, Inc. warrants this product to be free from any manufacturing defects.

## 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

<u>Chemical</u>	<u>Result</u>
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

## TECHNICAL SERVICES

Technical information and assistance can be obtained by calling Curecrete Distribution, Inc. at 1.800.998.5664. Call to receive comprehensive guidelines for CreteFill Pro 85 Control Joint Filler.

## DISTRIBUTED BY

Curecrete Distribution, Inc. Phone: 801.489.5663  
1203 W. Spring Creek Place Free: 800.998.5664  
Springville, UT 84463 USA Fax: 801.489.3307

Advanced Floors Products Phone: 801.712.3420  
P.O. Box 80533 Free: 888.942.3144  
Provo, UT 84605 USA Fax: 801.812.3400