



CRETEFILL PRO 75™



Product Description

CreteFill Pro 75™ Control Joint Filler is a technologically advanced, rapid-setting, self-leveling, 100% solids, two component, 1:1 ratio, polyurea elastomer joint filler with a Shore A Hardness of 75. It is designed for concrete with low to medium thermal cycling. CreteFill Pro 75 cures rapidly and consistently in applications ranging from -20°F to 130°F (-28.9°C to 54.4°C) and is tack free in 3 minutes. Joints can be reopened to vehicle or foot traffic in 1 hour.

CreteFill Pro 75 is designed to fill and protect joints specifically for industrial floor applications that receive light to medium traffic, such as pedestrian traffic and soft-wheeled carts like shopping carts and stocking carts. CreteFill Pro 75 is slightly flexible, allowing small slab movement, yet strong enough to protect the vertical edges of concrete from spalling under moderate loading. CreteFill Pro 75 is an aromatic polyurea. Exposure to ultraviolet light may cause slight discoloration, however, the physical properties are unaffected.

CreteFill Pro 75 is recommended for use on many concrete surfaces, including, but not limited to:

- Department Stores
- Grocery Stores
- Warehouse Floors
- Bottling and Canning Facilities
- Airports
- Water and Waste Water Treatment Facilities
- Cold Storage Facilities
- Food Processing Facilities
- Freezers



Product Benefits

- 100% Solids, Contains no VOCs
- Can be Polished without Smearing
- When Properly Applied, Produces Minimal to No Staining
- Meets USDA & FDA Requirements
- Flexible, 290-320% Elongation
- Returns Project to Service in 60 Minutes
- Cures from -20°F to 130°F (-28.9°C to 54.4°C)
- Odorless, No Toxic Vapors
- Resistant to Petrochemicals
- Remains Flexible, even in Cold Temperatures

Technical Data +

Color A+B:		Concrete Grey
Viscosity (Mixed)		Self-Leveling
Mix Ratio (By Volume)		1:1
Pot Life, 100 grams at 77°F / 25°C		1 Minute
Tack Free (Thin Film) at 77°F / 25°C		3 Minutes
Initial Cure		15 Minutes
Final Cure		60 Minutes
% of Elongation	ASTM D-412	420 Minimum
Tensile Strength	ASTM D-412	740 psi Minimum 5.1 N / mm ²
Tear Strength, pli, Die C	ASTM D-624	145 psi Minimum 28.02 kN / m
Shore "A" Hardness	ASTM D-2240	65-67 A



Form & Availability

Packaging:	22 oz. (651 mL) Cartridges - 12 Per Case 10 Gallon Units (38 L)
Appearance:	Concrete Grey, Custom Colors Available
Shelf Life:	1 Year in Original, Unopened Container
Storage:	Do Not Store Below 55°F / 12.8°C or Above 85°F / 29.4°C
Consistency:	Pourable, Self-Leveling Liquid



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.

Bulk Mixing Instructions

"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. Take extra care not to move the mixer up and down in the bucket. Doing so 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.

RECOMMENDED PUMPING EQUIPMENT

CreteFill Pro Polyurea Pump™

The CreteFill Pro Polyurea Pump is a specially designed pump offered in two sizes by Curecrete. Both are one-man operational, includes gear drive, are easy-to-clean, have adjustable flow volumes, are light weight and built to last.



Special Considerations

- Do not thin product. Solvents will prevent proper cure.
- Not for sealing cracks under hydrostatic pressure.
- Material is a vapor barrier after cure.
- Normal recommended time frame for installation of joint fillers is between 4 and 6 months after slab placement. Installation at 28 days is therefore premature if long-term adhesion is desired. Early installation can be done, however, protect the joints from heavy construction traffic. Separation from early installation and subsequent slab shrinkage does not constitute product failure. Even when separated, the joint filler will continue to transfer loads across the joint and prevent spalling.
- 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 the product Safety Data Sheets provided. Long-sleeved overalls 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 a physician immediately. For respiratory problems, remove person to fresh air. For skin contact, remove polyurea immediately with a dry cloth or paper towel. Wash contact area thoroughly with soap and water. Solvents should not be used because they carry the irritant into the skin. Wash contaminated clothing prior to reuse. Cured products are innocuous.



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.

Chemical Resistance

Test Procedure; ASTM D-1308 @ 72°F / 22.2°C

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

It is the user's responsibility to test the suitability of the product for the intended use. The user assumes all risk and liability resulting from the 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 replace 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 warrants this product to be free from any manufacturing defects.



Technical Support & SDS

For technical information and assistance call Curecrete at (800) 998.5664.

For SDS information, please scan the code or visit <http://www.curecrete.com/literature>.



Product Distribution

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