



A brand of ITW Polymers Adhesives North America

Technical Data Sheet

1/25/2011

Deep Pour Grout™

Description:	Filled epoxy grout for pouring machinery mounting pads to 6" deep and for rebuilding worn concrete.
Intended Use:	For leveling compressors; generators; blowers; lathes; ball mills; engines; pulverizers; large pump bases; milling machines
Product features:	Easy to mix Self-leveling Bonds to metal and concrete Low shrinkage Resists industrial chemicals
Limitations:	None

Typical Physical Properties: *Technical data should be considered representative or typical only and should not be used for specification purposes.*

Cured 7 days @ 75° F

Color	Grey
Compressive Strength	17,250 psi
Cure Hardness	83D
Functional Cure	16 hours
Minimum Recoat Time @ 75F	2 - 3 hrs.
Mixed Density	18.1 lbs./gal.
Temperature Resistance	180°F

Uncured

% Solids by Volume	100
Application Coverage/Unit	640 cu. Inches/50 lb unit
Application Temperature	50° - 90° F
Mix Ratio (Resin/Hard. Mix to Aggregate)	1:3.9 by weight ; 1:1.8 by volume
Mix Ratio (Resin/Hardener)	4.5:1 by weight ; 4.2:1 by volume
Mixed Viscosity	13,000 cps
Pot Life @ 75 °F (Full kit)	40 minutes

Surface Preparation: For METAL SURFACES, use a wire brush or sandpaper to remove rust and scale from the surface to be protected. Surfaces may be shot blasted or abraded using a wire wheel for best results. All dirt, grease, and old paint should be removed. All clean dry surface is essential for the best results.

Begin with a sound, clean, dry and roughened, oil-free application surface, as it is essential to the success and performance of this product.

Spot test surface by mixing a small quantity of the resin and hardener without the silica filler. Apply the compound to a small, clean test area. Old paint may wrinkle or lift. If it DOES NOT, wait five (5) days and test the bond strength by scraping surface with a sharp instrument. A pressure-sensitive tape test can also be used as follows: cut an "X" into surface and place tape firmly over the cut. Remove the tape with a hard, fast pull. If the coating fails either test, proceed with instructions for previously coated concrete (see below).

For NEW POURED CONCRETE, allow to fully cure (28 days @ 70 °F) prior to application. Remove any curing membrane by sanding or etching with a strong detergent.

For OLD CONCRETE, thoroughly clean surface with a grease-cutting detergent to remove grease and oils, and remove any loose or unsound concrete by chipping, scarifying, shotblasting, sanding, or grinding. Proceed as for new poured concrete.

For PREVIOUSLY COATED CONCRETE, applications should be considered short term because the coating system is only as strong as its weakest component. Remove any peeling or degraded paint by sanding or using a paint stripper. For intact paint, thoroughly clean the surface with a strong detergent, then lightly sand to remove any gloss. Treat any areas worn down to the original concrete as bare concrete.

**Mixing
Instructions:**

---- Adequate ventilation is necessary when mixing this product.----

- Attach a propeller-type Jiffy Mixer Model ES to an electric drill.
- Shake Resin and hardener well before use.
- Add resin to pail and mix thoroughly until color is uniform.
- Add hardener into resin pail.
- Mix for about two (2) minutes, while continuously scraping material away from sides and bottom of container.
- Slowly and evenly, pour aggregate into liquid mixture and mix until a uniform texture is obtained.

**Application
Instructions:**

1. Pour grout as soon as possible after mixing.
2. In well ventilated areas, pour from one side letting air escape out of the cavity.
3. In restricted or tight areas, use steel rods to help grout flow (only if necessary).

CURE SCHEDULE:

Temp	Working Time	Functional Cure
55°F	1 hour	36 hours
70°F	45 min.	24 hours
80°F	30 min.	20 hours
90°F	20 min.	18 hours

Storage:

Store at room temperature, 70 °F.

Compliances:

Approved in the U.S. for use in meat and poultry processing plants.
Accepted by Canadian Department of Agriculture Food Safety Service.

**Chemical
Resistance:**

Chemical resistance is calculated with a 7 day, room temp. cure (30 days immersion) @ 75 °F)

Ammonia	Very good
Chlorinated Solvent	Very good
Hydrochloric 10%	Very good
Kerosene	Excellent
Methanol	Poor
Sodium Hydroxide 10%	Very good
Sulfuric 10%	Very good
Toluene	Poor

Precautions:

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

For technical assistance, please call 1-800-933-8266

FOR INDUSTRIAL USE ONLY

Warranty:

Devcon will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Devcon makes no representations or warranties of any kind concerning this data.

**Order
Information:**

13800 50 lb.