



CORRO-SHIELD
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD
Industrial Flooring and Walls

www.corroshield.com

Product Data Sheet (Rev. 09/16)

Corro Hi Poly-Gel and Corro Hi Poly-Gel FS (Fast Set) (Ref. No. 508/508FS)

Product Description

- 2 Part 100%/Total Solids Epoxy Gel/Mastic Consisting of the Following:
 - Part A – Resin
 - Part B – Hardener
- Non-Slump
- Use Vertical or Overhead Areas
- Resin Rich Surface Helps Resist Bacterial Growth
- U.S.D.A. and C.F.I.A. Compliant
- V.O.C. Compliant/Low Odor/Solvent Free

Special Attributes

- Good Chemical Resistance (See Chemical Resistance Chart)
- Built in Resiliency for Thermal Shock (Steam Cleaning) and Impact Resistance
- Meets ASTM C-884 (Thermal Compatibility with Concrete)
- Fills Holes in Walls Up To 3” Without Sagging
- Special Adhesion Promoters
- Excellent Adhesion to Clean, Sound, Damp Concrete
- No Heavy or Porous Fillers
- Easily Sanded
- Does Not Sag in Saw Cuts
- Water Wipe-up
- User Friendly Mixing Ratios
- Can be Applied Indoors or Outdoors

Common Uses

- Fill Cracks and Holes Before Coating
- Fill or Level Saw Cuts/Construction Joints
- Level Sumps and Trenches
- Heavy Duty Protection for Vertical or Overhead Areas
- Anchoring Bolts
- Skimming Pitted Walls
- For Minor Moving Cracks, use **Corro Elast-O-Gel (Ref. No. 511)**

Colors

Black, White, Gray, Dark Gray, Brick Red, Beige, Green and Brown. Special colors are available upon request, for an additional charge.

Set Times

Corro Poly-Gel is available in either regular or fast set versions:

Corro Hi Poly-Gel Regular Set – For Temperatures 60°F/16°C and higher

Corro Hi Poly-Gel FS (Fast Set) – For Temperatures as low as 35°F/2°C

See Set Time Chart on back page for details.

Packaging

Corro Hi Poly-Gel and Corro Hi Poly-Gel Fast Set are available in the following pre-measured pak sizes:

1/2 Gallon Pak

1 Gallon Pak

Coverage

1 Gallon coverage

- Joint – 1/4” covers 300 Linear Feet
- Cracks 1/8”x1/8” covers 600 Linear Feet
- Cove - 3” x 1” deep covers 16 Linear Feet

Coverage will vary depending on surface texture.

Mixing and Application

DO NOT MIX BY HAND

Apply with a Putty Knife or Trowel. Detailed mixing and application instructions are available upon request.

Priming

Corro Hi Poly-Gel is self-priming and does not need a primer on sound concrete; however, to help reduce outgassing, blistering and dry spots we recommend first priming with:

Dry Concrete - Corro Penetrating-Cote (Ref. No. 106) or Corro Penetrating-Seal (Ref. No. 108)

Moisture up to 7 lbs - Corro-Prime (Ref. No. 600)

Moisture up to 15 lbs - Aqua-Cure (Ref. No. 612)

Moisture up to 25 lbs - Corro-Cure LV FS (Ref. No. 602)

Clean Up

Corro Hi Poly-Gel while still wet can be cleaned up with warm soapy water, but if allowed to set then mechanical cleaning or the application of a very strong paint stripper will have to be used.

Safety

As with all epoxies, good hygienic habits must be observed and the wearing of protective clothing and gloves is advised. Before using any of the products, please read their respective safety data sheets.

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Mixing Ratio By Volume

2:1 Part A: Part B

Mixing Ratio By Weight

Regular

2.35:1 Part A to Part B

Fast Set

2.30:1 Part A to Part B

Technical Assistance

If you have any questions regarding this product, please call 1-800/298-7637 for further information.

SET TIMES				
<u>Set Times (Slab Temperature)</u>	35° F/2° C	73° F/23° C		90° F/32° C
Product	Fast Set	Fast Set	Regular	Regular
<u>Pot Life (Minutes)</u>	40 Minutes	20 Minutes	45 Minutes	25 Minutes
Recoat Time - Floors	12 Hours	4 Hours	15 Hours	12 Hours
Recoat Time - Walls	12 Hours	4 Hours	15 Hours	12 Hours
Foot Traffic	12 Hours	4 Hours	15 Hours	12 Hours
Forklift Traffic	36 Hours	24 Hours	48 Hours	24 Hours
Full Chemical Resistance*	9 Days	7 Days	7 Days	7 Days

*Refer to Chemical Resistance Chart

WARRANTY

The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

WARRANTY - All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.

Liability under this warranty is limited to the net purchase price of any such products proven defective, or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims hereunder on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NO REPRESENTATIVE OF OURS OR ANY OTHER PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS.