



CORRO-SHIELD
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD
Industrial Flooring and Walls

www.corroshield.com

Product Data Sheet (Rev. 09/16)

CORRO-GROUT CG (Commercial Grade) (Ref. # 400 CG)

Product Description

- Unique 100%/Total Solids Epoxy System for Bedding and Grouting
- Used as Either Bricklayers or Tile-setters Method
- Bedding and Grouting for Tile Floors and Walls
- Supplied With Clear Resin and Colored Aggregate or Pigmented
- Self-Priming, Resin-Rich
- User Friendly Mix Ratio
- U.S.D.A. and C.F.I.A. Compliant
- V.O.C. Compliant/Low Odor/Solvent Free

Special Attributes

- Meets ASTM C-884 (Thermal Compatibility with Concrete)
- Excellent Adhesion to Clean, Sound, Damp Concrete
- Excellent Adhesion to Brick and Tile
- Excellent Water Wipe-up Characteristics
- No Residue Left on Tile
- Resilient to Compensate for Tile "Creep"
- Holds its Peak When Applied With a Notched Trowel
- Excellent Adhesion to 24 Hour Old Concrete by First Priming with **Corro-Cure LV FS (Ref. No. 602)**
- Good Chemical Resistance
- Excellent for Vertical and Horizontal Applications
- Built in Resiliency for Thermal Shock (Steam Cleaning) and Impact Resistance
- Can be Used Indoors or Outdoors
- Hygienic, Easy to Clean Surface

Colors

Colored Aggregate

Neutral, Black, White, Gray, Dark Gray, Brick Red, Beige, Green and Brown

Common Uses

- Shopping Malls,
- Pools,
- Commercial Kitchens,
- Bakeries,
- Theme Parks,
- Schools,
- Hospitals, etc

Packaging

Corro-Grout and Corro-Grout Fast Set are available in the following pre-measured pak sizes:

- 1 Gallon Pak
- Standard Pak – 3 Gallon Pak
- Ten Pak – 30 Gallon Paks (10 x 3 gallon paks)
- Bulk Pak 80 Gallon Bulk Pak

Coverage

Approximate Coverage Per Gallon for Jointing for Brick or Tile		
Brick/Tile Size	Joint Width	Square Foot Coverage
4" x 8" x 1/2"	1/8"	70
	1/4"	35
4" x 8" x 1 3/8"	1/8"	25
	1/4"	12.5
Approximate Coverage Per Gallon for Bedding		
Bedding Size	Square Foot Coverage	
1/8" Thick	12.8	
1/4" Thick	6.4	

Coverage will vary depending on surface texture.

Priming

Corro-Grout CG 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)

Setting Times

See Set Time Chart on back page for set times

Mixing and Application

DO NOT MIX BY HAND

Detailed mixing and application instructions are available upon request.

Clean Up

Corro-Grout CG 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.

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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.

Mixing Ratio By Volume

Part A: Part B: 3:1 A & B Mixed: Corro-Fill: 1:1.7

Mixing Ratio by Weight

Part A: Part B: 3.55:1 A & B Mixed: Corro-Fill 1:3

Technical Assistance

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

SET TIMES			
Set Times (Slab Temperature)	50°F/10°C	73°F/23°C	90°F/32°C
Pot Life	1 Hour	40 Minutes	25 Minutes
Recoat Time	18 Hours	15 Hours	12 Hours
Foot Traffic	18 Hours	15 Hours	12 Hours
Forklift Traffic	72 Hours	48 Hours	24 Hours
Full Chemical Resistance*	9 Days	7 Days	7 Days

* Refer to Chemical Resistance Chart

Partial Chemical Resistance Chart			
Chemical	Rating	Chemical	Rating
Acetic Acid 10%	Occasional Spillage	Oleic Acid 50%	Frequent Spillage
Acetic Acid 20%	Occasional Spillage	Oleic Acid 90%	Frequent Spillage
Acetic Acid 36%	Not Recommended	Phosphoric Acid 30%	Frequent Spillage
Animal Fats	Frequent Spillage	Phosphoric Acid 50%	Frequent Spillage
Citric Acid Conc.	Frequent Spillage	Phosphoric Acid 85%	Frequent Spillage
Hydrochloric Acid 37%	Frequent Spillage	Sulfuric Acid 10%	Frequent Spillage
Lactic Acid 20%	Not Recommended	Sulfuric Acid 50%	Frequent Spillage
Nitric Acid 10%	Frequent Spillage	Sulfuric Acid 80%	Not Recommended
Oleic Acid 30%	Occasional Spillage**	Sulfuric Acid 98%	Not Recommended

Key:

Occasional Spillage – To Be Cleaned Up Within 4 Hours

Frequent Spillage - To Be Cleaned Up Within 8 Hours

** Oleic Acid At 30% Is More Corrosive Than 90%

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.