



CORRO-SHIELD
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD
Industrial Flooring and Walls

www.corroshield.com

Product Data Sheet (Rev. 09/16)

CORRO-COTE HI-BUILD and HI-BUILD F.S. (Fast Set) (Ref. No. 119 and 119FS)

Product Description

- 2-Part, 100%/Total Solids Epoxy System
Consisting of:
Part A – Pigmented Resin
Part B – Hardener
- **Unique Wall Coating**
- High Gloss
- Can Be Applied Up To 100 Mils in One Coat
- U.S.D.A. and C.F.I.A. Compliant
- Smooth Finish
- V.O.C. Compliant/Low Odor/Solvent Free
- Self-Priming
- Easy to Clean Hygienic Surface
- Resin Rich Surface Helps to Resist Bacterial Growth
- User Friendly Mix Ratio of 2:1 by Volume

Special Attributes

- Meets ASTM C-884
Thermal Compatibility with Concrete
- Excellent Adhesion to Clean, Sound, Damp Concrete
- Built in Resiliency for Thermal Shock (Steam Cleaning), Abrasion and Impact Resistance
- Excellent Abrasion Resistance
- Excellent Wear Resistance
- Good Chemical Resistance (Refer to Chemical Resistance Chart)

Color

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

Common Uses

Wall Coatings for:

- Clean Rooms
- Walls, Sumps, and Pedestals
- Food, Beverage and Pharmaceutical Industries
- Meat Processing Plants
- Schools and Hospitals

Packaging

Corro-Cote Hi-Build and Corro-Cote Hi-Build F.S. are available in the following pre-measured pak sizes:

- 1 Gallon Pak (160 SF @ 10 mils)
- 2 ½ Gallon Pak (400 SF @ 10 mils)
- 4 Gallon Pak (640 SF @ 10 mils)

Coverage will vary depending on surface texture.

Priming

Corro-Cote Hi-Build 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.

Apply **Corro-Cote Hi-Build** in temperatures 50°F/10°C to 90°F/32°C

Apply **Corro-Cote Hi-Build Fast Set** in temperatures as low as 35°F/2°C

Mixing and Application

Apply with roller, brush or spray gun.

Detailed mixing and application instructions are available upon request.

Clean Up

Corro-Cote Hi-Build, 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 the container label warnings and their respective material safety data sheets.

Corro-Shield Industries Inc./ Corro-Shield International Inc.

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2575 United Lane, Elk Grove Village, IL, 60007•T: 1-800-298-7637, F: 847-298-7798

Corro-Cote Hi-Build Product Data Sheet - Page 2**Mixing Ratio by Volume**

Part A:Part B – 2:1

Mixing Ratio by Weight

Part A:Part B – 2.84:1

Technical Assistance

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

SET TIMES							
	35°F/2°C	50°F/10°C		73°F/23°C		90°F/32°C	
Recommended Product	FS	Regular	FS	Regular	FS	Regular	FS
Pot Life	1 Hour	1 Hour	40 Mins.	45 Mins.	20 Mins.	20 Mins.	10 Mins.
Recoat Time - Walls	10 Hours	10 Hours	8 Hours	8 Hours	6 Hours	6 Hours	4 Hours
Full Chemical Resistance*	9 Days	7 Days	7 Days	7 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 numerous 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.