



CORRO-SHIELD  
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD  
*Industrial Flooring and Walls*

[www.corroshield.com](http://www.corroshield.com)

## Product Data Sheet (Rev. 09/16)

### CORRO-PRIME and CORRO-PRIME F.S. (Ref. No. 600 and 600FS)

#### Product Description

- 2-Part, 100%/Total Solids, Clear Epoxy Primer
- Prime and Seal Porous Surfaces
- Primer for Old Concrete (**Moisture up to 7 lbs**)
- Primer for Epoxy Resin Systems
- V.O.C. Compliant/Low Odor/Solvent Free
- Can be Used on Metal
- Helps Prevent Outgassing
- User Friendly Mix Ratio of 2:1 by Volume

#### Special Attributes

- Excellent Adhesion to Clean, Sound, Damp or Dry Concrete
- Good Chemical Resistance
- Water Wipe-up

#### Colors

Clear

#### Common Uses

- **Primer Under Epoxy Flooring and Walls**
- Sealer to Concrete Where a Dust-Free Environment is Essential (Requires 2 Coats)
- Undercoat to Help Eliminate Outgassing
- Use on Badly Eroded Concrete
- Use on Metal

#### Packaging

**Corro-Prime** is 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.

#### Other Corro-Shield Primers

- Dry Concrete - **Corro Penetrating-Cote (Ref. No. 106) or Corro Penetrating-Seal (Ref. No. 108)**
- 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 in temperatures 40°F/5°C to 90°F/32°C

#### Mixing and Application

##### **DO NOT MIX BY HAND**

Apply with Medium or Long Napped Roller.

Detailed mixing and application instructions are available upon request. **Do not apply over curing compounds, densifiers and hardeners and do not allow the product to puddle. For areas with high humidity, please consult the factory.**

#### Clean Up

**Corro-Prime**, 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.

#### Mixing Ratio by Volume

Part A: Part B – 2:1

#### Mixing Ratio by Weight

Regular Set

Part A: Part B – 2.20:1

Fast Set

Part A: Part B – 2.25:1

**Corro Prime and Fast Set Product Data Sheet - Page 2****Technical Assistance**

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

<b>Set Times (Slab Temperature)</b>	<b>50° F/10° C</b>		<b>73° F/23° C</b>		<b>90° F/32° C</b>	
	<b>Regular</b>	<b>Fast Set</b>	<b>Regular</b>	<b>Fast Set</b>	<b>Regular</b>	<b>Fast Set</b>
Product						
Pot Life	1 Hour	40 Mins.	45 Min.	20 Mins.	25 Minutes	15 Mins.
Recoat Time - Floors	18 Hours	12 Hours	15 Hours	4 Hours	12 Hours	2 Hours
Recoat Time – Walls	12 Hours	11.5 Hours	9 Hours	3.5 Hours	6 Hours	1.5 Hours
Foot Traffic	18 Hours	12 Hours	15 Hours	4 Hours	12 Hours	2 Hours
Forklift Traffic	72 Hours	36 Hours	48 Hours	24 Hours	24 Hours	12 Hours
Full Chemical Resistance*	9 Days	9 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 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.