



CORRO-SHIELD
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD Industrial Flooring and Walls

www.corroshield.com

Product Data Sheet (Rev. 09/16)

CORRO ELAST-O-PRIME F.S. (Fast Set) (Ref. No. 604 FS)

Product Description

- 2-Part, 100%/Total Solids, Flexible Epoxy Primer
- Usually 10 Mils Per Coat, Two Coats Needed
- Smooth or Textured Finish
- For Texture, Use Silica/Granite or Aluminum Oxide Between Coats
- V.O.C. Compliant/Low Odor/Solvent Free
- U.S.D.A. and C.F.I.A. Compliant
- Meets ASTM C-884 - Compatibility with Concrete
- Can Be Used with Fiberglass Mat or Chopped Fiberglass as a Crack Bridging System
- High Gloss Finish

Special Attributes

- Permanent Flexibility
- Excellent Adhesion to Clean, Sound, Damp Concrete
- Built in Resiliency for Thermal Shock (Steam Cleaning) and Impact Resistance
- Excellent Wear Resistance
- Resin Rich Surface Helps to Resist Bacterial Growth
- Good Color Retention, Good Aesthetics
- Can be Applied Indoors or Outdoors
- Water Wipe-up
- Easy to Clean, Hygienic Surface
- Chip Resistant

Common Uses

- **Primer under Corro Elast-O-Cote**
- **Use where Vibration and Movement are a concern**
- Coating to Floors and Walls
- Coating for Metal, Steel, Plywood and "Greenboard"
- As a Crack Bridging Primer to Floors
- As a Crack Bridging Coating to Walls

Packaging

Corro Elast-O-Prime and FS are available in the following pre-measured pak sizes:

One Gallon Pak (160 SF @ 10 mils)

2 ½ Gallon Pak (400 SF @ 10 mils)

4 Gallon Pak (640 SF @ 10 mils)

The above coverage is based on smooth concrete or a surface with limited porosity.

Coverage will vary depending on surface texture.

Setting Times

Corro Elast-O-Prime is available in either regular or fast set versions:

Corro Elast-O-Prime Regular Set – For Temperatures 50°F and higher

Corro Elast-O-Prime FS (fast set) – For Temperature for fast setting times at ambient temperature.

For cold temperatures (below 40°F/5°C), please consult factory.

See Set Time Chart for various setting times.

Mixing and Application

DO NOT MIX BY HAND

Applied by Roller, Brush, or Spray Gun.

Detailed mixing and application instructions are available upon request.

Clean Up

Corro Elast-O-Prime and FS, 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.

Mixing Ratio by Volume

Part A:Part B – 2:1

Mixing Ratio by Weight

Part A:Part B – 1.72:1

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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>	50°F/10°C		73°F/23°C		90°F/32°C	
Product	Regular	Fast Set	Regular	Fast Set	Regular	Fast Set
Pot Life	1 Hour	40 Minutes	45 Minutes	20 Minutes	25 Minutes	15 Minutes
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	5 Days	5 Days

* Refer to Chemical Resistance Chart

Primer System

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.