



CORRO-SHIELD
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD Industrial Flooring and Walls

www.corroshield.com

Product Data Sheet (Rev. 12/16)

CORRO ELAST-O-COTE F.S./X.F.S (Fast Set/Extra Fast Set) (Ref. No. 104FS and 104XFS)

Product Description

- 2-Part, 100%/Total Solids, Flexible Epoxy Coating System
- 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
- Very Good Chemical Resistance
- 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

Colors

Black, White, Ivory, Gray, Dark Gray, Brick Red, Beige, Green, Brown. Special colors are available upon request, for an additional charge. Available in Clear, specify Corro Elast-O-Prime - (Ref. No. 604)

Common Uses

- **Use where Vibration and Movement are a concern**
- Coating to Floors and Walls
- Top Coat for **Corro Elast-O-Flor** – (Ref. No. 205) and **Corro Elast-O-Flor SL** - (Ref. No. 304)
- Coating for Metal, Steel, Plywood and “Greenboard”
- As a Crack Bridging Primer to Floors (Elast-O-Prime) - (Ref. No. 604)
- As a Crack Bridging Coating to Walls

Packaging

Corro Elast-O-Cote FS is 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.

Priming

Corro Elast-O-Cote FS 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 Elast-O-Prime (Ref. No. 604)

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

Moisture up to 14 lbs - Aqua-Cure (Ref. No. 612)

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

Setting Times

Corro Elast-O-Cote is available in the following setting times:

Corro Elast-O-Cote for normal ambient temperature.

Corro Elast-O-Cote FS (fast set) for fast setting times at ambient temperature.

Corro Elast-O-Cote XFS (extra fast set) for extra fast setting times at ambient temperature.

For cold temperatures (below 40°F), 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-Cote 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.

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Technical Assistance

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

Mixing Ratio by Volume

Part A:Part B – 2:1

Mixing Ratio by Weight

Part A:Part B – 2.94:1

SET TIMES						
<u>Set Times (Slab Temperature)</u>	50 °F/10 °C		73 °F/23 °C		90 °F/32 °C	
	F.S	X.F.S	F.S.	X.F.S.	F.S.	X.F.S.
Product						
Pot Life	40 Mins.	20 Mins.	20 Mins.	10 Mins.	15 Mins.	10 Mins
Recoat Time - Floors	12 Hours	6 Hours	4 Hours	2 Hours	2 Hours	1 Hour
Recoat Time - Walls	11.5 Hours	5 Hours	3.5 Hours	2 hours	1.5 Hours	1 Hour
Foot Traffic	12 Hours	6 Hours	4 Hours	2 hours	2 Hours	1 Hour
Forklift Traffic	36 Hours	18 Hours	24 Hours	6 Hours	12 Hours	6 Hours
Full Chemical Resistance*	9 Days	9 Days	7 Days	7 Days	5 Days	5 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.