



CORRO-SHIELD  
SUPERIOR PERFORMANCE COATINGS

## CORRO-SHIELD Industrial Flooring and Walls

www.corroshield.com

### Product Data Sheet (Rev. 12/16)

#### CORRO ELAST-O-SEAL and CORRO ELAST-O-SEAL F.S./X.F.S (Fast Set) (Ref. No. 124 and 124FS)

##### Product Description

- 2-Part, 100%/Total Solids, Flexible Epoxy Coating System
  - Part A – Clear Resin
  - Part B – Hardener
- Usually 10 Mills 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
- Can Be Used with Fiberglass Mat or Chopped Fiberglass as a Crack Bridging System
- High Gloss Finish

##### Special Attributes

- Meets ASTM C-884 - Compatibility with Concrete
- **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 Aesthetics
- Can be Applied Indoors or Outdoors
- Water Wipe-up
- Easy to Clean, Hygienic Surface
- User Friendly Mix Ratio of 1:1 By Volume
- Chip Resistant
- Excellent Adhesion to Metal

##### Color

Clear

##### Common Uses

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

##### Packaging

**Corro Elast-O-Seal** 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)

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-Seal** 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 15 lbs - Aqua-Cure (Ref. No. 612)**

**Moisture up to 25 lbs - Corro-Cure LVFS (Ref. No. 602)**

##### Setting Times

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

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

**Corro Elast-O-Seal 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-Seal**, 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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**Mixing Ratio by Volume**

Regular Set  
Part A:Part B – 1:1

Fast Set  
Part A:Part B – 1.5:1

**Mixing Ratio by Weight**

Regular Set  
Part A:Part B – 1.15:1

Fast Set  
Part A:Part B – 1.72:1

**Technical Assistance**

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

<b>SET TIMES</b>						
<b><u>Set Times</u></b>	<b>50°F/10°C</b>		<b>73°F/23°C</b>		<b>90°F/32°C</b>	
<b>Product</b>	<b>Regular</b>	<b>F.S</b>	<b>Regular</b>	<b>F.S.</b>	<b>Regular</b>	<b>F.S.</b>
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	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.