



CORRO-SHIELD  
SUPERIOR PERFORMANCE COATINGS

**CORRO-SHIELD**  
*Industrial Flooring and Walls*

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

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

### **CORRO ELAST-O-FLOR and F.S. (Fast Set) (Ref. No. 205/205 FS)**

#### **Product Description**

- 3-Part, 100%/Total Solids, Flexible Trowel Epoxy Flooring System Consisting of:
  - Part A – Resin
  - Part B – Hardener
  - Part C – Blended Granite or Quartz
- Aggregate (Corro-Fill), plus Tint
- Faster Setting Version of Corro Elast-O-Flor
- Self-Priming, Resin-Rich – No Sealer Topcoat Needed
- V.O.C. Compliant/ Low Odor/Solvent Free
- Meets ASTM C-884 - Compatibility with Concrete
- U.S.D.A. and C.F.I.A. Compliant
- Blended Mix for Coves
- Dense Compact Finish

#### **Special Attributes**

- Good Impact Resistance
- Very Good Chemical Resistance
- Excellent Adhesion to Clean, Sound, Damp Concrete
- Excellent Adhesion to Metal
- Hygienic, Easy to Clean Surface
- Resin Rich Surface Helps to Resist Bacterial Growth
- Resistant to Many Acids, Solvents and Cleaning Solutions. (Refer to Chemical Resistance Chart)
- 4 Hour Set Time at 73°F.
- Built in Resiliency for Thermal Shock (Steam Cleaning) and Impact Resistance
- Can be Used Indoors or Outdoors
- User Friendly Mix Ratios
- Power Trowelable
- Water Wipeable

#### **Colors**

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

#### **Common Uses**

- Monolithic Floor for Hi Impact
- Vibration and Thermal Shock Areas
- Anti-Fatigue Flooring
- Plywood and Wood Flooring
- Excellent Abrasion Resistance
- Textured Finish
- Repairing of Highly Eroded Concrete Floors

#### **Packaging**

**Corro Elast-O-Flor and FS** are available in the following pak sizes:  
Standard Pak -Pre-measured 4 Gallon Pak – 25 SF @ ¼”  
Ten Pak -10 x 4 Gallon Pre-measured Paks – 250 SF @ ¼”  
48 Bulk Pak -192 Gallons in Bulk – 1200 SF @ ¼”  
Drum Pak -532 Gallons in Bulk – 3325 SF @ ¼”  
Coverage will vary depending on surface texture.

#### **Priming**

**Corro Elast-O-Flor F.S.** 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)**

#### **Set Times**

**Corro Elast-O-Flor** is available in either regular or fast set versions:  
**Corro Elast-O-Flor Regular Set** - For temperatures 60°F and higher  
**Corro Elast-O-Flor FS (Fast Set)** -For temperatures as low as 35°F  
**See Set Time Chart on back page for various setting times.**

#### **Mixing and Application**

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

Detailed mixing and application instructions are available upon request.

#### **Clean Up**

**Corro Elast-O-Flor 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.

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

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### Mixing Ratio by Volume

Part A:Part B – 1.5:1

### Mixing Ratio by Weight

Regular Set

Part A:Part B – 1.13:1

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.

| SET TIMES                             |           |            |            |            |            |            |
|---------------------------------------|-----------|------------|------------|------------|------------|------------|
| <u>Set Times</u><br>(Slab emperature) | 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 |
| 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

### **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.

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