

## PRODUCT DATA SHEET (Rev. 1/00)

### CORRO ULTRA-FLOR SL (Ref. No. 302)

#### **Product Description**

- 100% Solids Self-Leveling Floor 1/16" – 1/8" thick
- Two Lifts for 1/4"
- Highly Versatile
- Restores Lightly Pitted Concrete
- Moderate to High Wear Areas
- Smooth or Textured
- Texture with Silica, Granite or Aluminum Oxide
- If Textured, Topcoat with Corro Ultra-Cote
- For More Decorative Finish, Use Colored Quartz or Vinyl Flakes and Topcoat with Corro-Seal
- Low Odor/Solvent Free
- U.S.D.A. Compliant/V.O.C. Compliant
- Resin Rich Surface Helps to Resist Bacterial Growth
- Non-Porous

#### **Special Features**

- Meets ASTM C-884  
Compatibility with Concrete
- Excellent Adhesion to Clean, Sound, Damp Concrete
- Special Adhesion Promoters
- Built in Resiliency for Thermal Shock (Steam Cleaning) and Impact Resistance
- Can be Applied Indoors or Outdoors
- Excellent Chemical, Acid and Solvent Resistance, Including Methylene Chloride and 98% Sulfuric Acid (Refer to Chemical Resistance Chart)
- Water Wipeable
- User Friendly Mix Ratios
- Same Chemical Resistance Resins Throughout

#### **Application**

- Monolithic Floor- Use in Clean Rooms with Little or No Texture
- 1/4" Application for Heavy Traffic
- 1/8" for Hand Cart and Foot Traffic
- Can be Installed over Well Bonded Tile
- Excellent for C.I.P. Areas, Pharmaceutical and Food Plants

#### **Packaging**

**Corro Ultra-Flor SL** is available in the following pak sizes:

Standard Pak (4 Gallons – 50 SF @ 1/8" Thick)

Ten Pak (40 Gallons – 500 SF @ 1/8" Thick)

Coverage will vary depending on surface texture.

#### **Priming**

**Corro Ultra-Flor** is self-priming, however, priming with **Corro Ultra-Prime** is recommended only as a precautionary measure to try and seal the concrete to help reduce outgassing and eliminate the formation of blisters and "dry spots". Do not use any other primer. Refer to **Corro Ultra-Prime** data sheet.

#### **Set Times**

**Corro Ultra-Flor SL** is only available in one setting time, and should be applied at temperatures between 50°F and 90°F. For various set times, see back page. For temperatures lower than 50°F., please consult the factory.

**See Set Time Chart for actual setting times.**

#### **Mixing and Application**

Detailed mixing and application instructions available upon request.

#### **Colors**

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

#### **Clean Up**

**Corro Ultra-Flor SL** 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.

#### **Precautions**

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.

#### **Technical Assistance**

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

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Solids by Weight: 100%

Density (lbs./gallon)

Part A: 9.77

Part B: 8.19

Mixed A & B: 9.24

A,B & Fill: 13.45

Mixing Ratio by Volume

Part A:Part B – 2:1

A & B Mixed: Corro-Fill: 1:1

Theoretical Coverage

4 Gallon Pak – 50 SF @ 1/8”

<b>Set Times (Slab Temperature)</b>	<b>50°F.</b>	<b>73°F.</b>	<b>90°F.</b>
Pot Life	40 Minutes	20 Minutes	25 Minutes
Foot Traffic	12 Hours	4 Hours	2 Hours
Forklift Traffic	36 Hours	24 Hours	12 Hours
Full Chemical Resistance*	9 Days	7 Days	5 Days

\* Refer to Chemical Resistance Chart

<b>ASTM</b>	<b>TEST METHOD</b>	<b>RESULT</b>
C884	Thermal Compatibility to Concrete	Pass
C579	Compressive Strength	7525 psi
D695	Compressive Strength	7738 psi
D695	Compressive Strength @ Yield	5017 psi
C580	Flexural Strength	3550 psi
C580	Flexural Modulus of Elasticity	1.19 x 10 <sup>6</sup>
D790	Flexural Strength	1200 psi
D790	Flexural Modulus of Elasticity	2.04 x 10 <sup>5</sup>
C307	Tensile Strength	1700 psi
C307	Tensile Elongation	1.25%
D638	Tensile Strength	4420 psi
D638	Tensile Elongation	12.74%
C321	Bond Strength to Concrete	Failure in Concrete
D4541	Bond Strength to Concrete	Failure in Concrete

### 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.