

**DESCRIPTION:**

3300 CR Veil Coat is a two-component, 100% solids, Novolac Epoxy Top-Coat designed for aggressive chemical exposures in pulp & paper mills, chemical process facilities, and power plants. 3300 CR Veil Coat may be applied as a sealer over 3300 FS or 3300 CR - ¼ inch flooring systems, or as a stand alone coating.

**ADVANTAGES:**

- Excellent Chemical Resistance
- Excellent Temperature Tolerance
- Used Over A Variety Of Substrates
- Slip Resistant – using broadcast aggregate
- Easy To Clean
- Durable And Wear Resistant
- U.S.D.A. Acceptable

**USES:**

- Tank Farms
- Trenches And Sumps
- Laboratories
- Chemical Process Areas / Lines
- Pharmaceutical Research Areas

**SUPPLEMENTAL PRODUCTS:**

- 3500 Grout  
Pitching and Filler
- 3300FS 1/4" mortar system
- 3300CR 1/4" mortar system
- 3300PT 1/4" mortar system
- 3000 VS
- Epofil
- Ure-Crete 4410
- Ure-Crete 4420

**PACKAGING AND COVERAGE:**

**3300 CR Veil Coat – 1 gallon kit** - covers approximately 100 square feet at 15 mils and consists of the following –  
 1 container – Part A (resin)  
 1 container – Part B (hardener)

**3300 CR Veil Coat - 3 gallon kit** – covers approximately 300 square feet at 15 mils and consists of the following –  
 1 container – Part A (resin)  
 1 container – Part B (hardener)

**PROPERTIES:**

<b>Compressive Strength</b>	11,500 psi ASTM C-579 (resin)
<b>Tensile Strength</b>	4,100 psi ASTM D-638 (resin)
<b>Flexural Strength</b>	6,200 psi ASTM C-580 (resin)
<b>Bond Strength</b>	Greater than 350 psi ASTM C-321 100% concrete failure
<b>Coefficient of Thermal Expansion</b>	1.2 x 10 <sup>-5</sup> in./in./°F
<b>Impact Strength</b>	170 in./lbs.
<b>Indentation</b>	No indentation MIL-D-3134F
<b>Shore Hardness, A/D</b>	90 / 70
<b>Flammability</b>	Does not support combustion
<b>Water Absorption</b>	0.04% ASTM C-413
<b>Working Time at 75°F (24°C)</b>	20-30 minutes ASTM C-308
<b>Shelf Life</b>	1 Year
<b>Colors</b>	Red, Gray, Black
<b>Solids by Content</b>	By Weight 100% By Volume 100%

**SURFACE PREPARATION:**

3300 CR Veil Coat may be installed only on clean, sound substrates

Concrete:

New concrete must be cured a minimum of 28 days. All coatings, oils, grease and unsound concrete must be removed. Concrete surfaces must then be acid etched, scarified or shot blasted to remove surface laitance. A good bonding tooth, the texture of 60 grit sandpaper, is desired for maximum adhesion, with removal of all surface glaze.

Metal Surfaces:

Blast the surface to near white SSPC-SP10-70 or NACE No. 2 using a Venturi blast nozzle with 100 psi air. The blasting media used shall be properly graded, clean, sharp, angular abrasive similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

**MIXING:**

Prior to mixing, materials should be stored at 70°F (21°C) at least 48 hours.

Empty the entire contents of part B into part A and mix thoroughly with a jiffy mixer for 2 minutes.

**APPLICATION:**

Substrate temperature should be 65°-85°F (18°-29°C) during installation and for 96 hours for complete cure. Do not apply 3300CR Veil Coat when floor temperature is below 60°F (16°C). Apply 3300 CR Veil Coat in a thin, even layer with a squeegee and back-roll with a short nap roller. 3300 CR Veil Coat is designed to follow the existing contour of the floor.

Note: 3300 CR Veil Coat can be applied as a two coat system with slip resistant aggregate. After the first resin coat is applied, broadcast aggregate of required mesh size into the wet resin, to rejection. Allow resin to cure and sweep up excess aggregate. Apply second coat of 3300 CR Veil Coat at approximately 15-20 mils. (See installation instruction)

**CURE TIME:**

3300 CR Veil Coat will harden to foot traffic in 6-8 hours at 75°F (24°C). Maximum chemical resistance will occur after 96 hours of cure time at 75°F (24°C).

**CLEANUP:**

Cured or hardened 3300 CR Veil Coat will bond to practically all surfaces and is extremely difficult to remove. Clean all tools and mixer immediately after use with acetone or other solvent based cleaners.

**SAFETY:**

Avoid skin contact. If eye contact occurs, flush with water and consult a physician immediately. Keep work areas well ventilated. Never seal a container of mixed Part A and B as the continuing exothermic reaction may cause container to explode. 3300 CR Veil Coat Material Safety Data Sheets are available upon request.

**IMPORTANT NOTICE TO PURCHASER:**

**The following is made in lieu of all warranties, expressed or implied. Seller and manufacturer's only obligation shall be to replace such quantities of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered unless written authorization is received from PROTECTIVE FLOORINGS AND LININGS, A DIVISION OF A. W. CHESTERTON.**

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