

Product Data Sheet

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
- PFL 4410

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:

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

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.

Limited Warranty

Milamar Coatings products are manufactured to be free of defects in material and workmanship in meeting the properties specified on its individual Product Data Sheets. Users and installers of Milamar Coatings products are solely responsible for determining the suitability of the products for specific product applications. Milamar Coatings makes no Warranty or Guarantee, express or implied, including warranties of fitness, design compatibility or merchantability, for any particular use and shall have no responsibility or liability, including direct, indirect or consequential damages, due to injury, delay or third party claims for installation or repair. Likewise, Milamar Coatings assumes no liability of any nature for products that are adjusted in the field or that do not utilize all specified Milamar Coatings components. Should any Milamar Coatings product be proved to be defective within one year from the date of shipment, Milamar Coatings will, at its sole discretion, either replace the material; issue a credit to the customer's account; or provide a cash refund for the initial, paid purchase price of the material. Potential claims regarding product quality must be received in writing by Milamar Coatings within 30 days of the discovery of such potential defect. This Warranty is exclusive of all other warranties, expressed or implied, and may only be adjusted in writing, signed by an officer of Milamar Coatings, L.L.C

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