

DESCRIPTION:

3300 CT Veil Coat is a two-component 100% solids epoxy system, designed for cold temperature cure. 3300 CT Veil Coat may be applied as a sealer over 3300 CT ¼ inch flooring system, or as a stand alone coating.

ADVANTAGES:

- Low Temperature Cure – As Low As 30°F
- Excellent Chemical Resistance
- Applicator Friendly – Easy To Apply
- Slip Resistant, Cleanable Surface
- Excellent Adhesion
- Durable, Wear Resistant Finish
- U.S.D.A. Acceptable – Easy To Clean

USES:

- Tank Farms
- Coolers
- Refrigeration Units
- Laboratories
- Chemical Process Lines

SUPPLEMENTAL PRODUCTS:

- 3300 CT Primer
- 3500 CT Grout
Pitching and Filler
- 3300 CT 1/4" mortar system

PACKAGING AND COVERAGE:

3300 CT Veil Coat – 1 gallon kit – covers approximately 100 square feet at 15 mils.
 1 container – Part A (pigmented resin)
 1 container – Part B (hardener)

3300 CT Veil Coat – 3 gallon kit – covers approximately 300 square feet at 15 mils.
 1 container – Part A (pigmented resin)
 1 container – Part B (hardener)

PROPERTIES:

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

SURFACE PREPARATION:

3300 CT Veil Coat may be installed only on clean, sound surfaces.

Concrete:

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

For Metal Surfaces:

Blast the surface to near white SSPC-SP10-70 or NACE No. 2 using a Venturi blast nozzle with 100 psi air. Anchor profile - minimum 3 mils. 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 part B and part A into a clean container and mix with a low speed drill for approximately 2 minutes.

APPLICATION:

Do not apply 3300 CT Veil Coat when substrate temperature is below 30°F (-2°C). Apply 3300 CT Veil Coat with a squeegee in a thin even layer (15 mils maximum per coat), and back-roll with a short nap roller. Unless otherwise specified, this flooring is designed to follow the existing contour of the substrate.

CURE TIME:

3300 CT Veil Coat will harden to foot traffic in 4-6 hours at 75°F (24°C), 8-10 hours at 50°F (10°C), and 18-24 hours at 30°F (-2°C). Maximum chemical resistance and physical properties will develop after 7 days of cure at 30°F (-2°C).

CLEANUP:

Cured or hardened 3300 CT 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 CT 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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