

**DESCRIPTION:**

3000 Broadcast / Veil Coat is a two component, 100% solids epoxy system designed as a broadcast on concrete, or over 3300, ¼ inch epoxy mortar systems. It can also be used as a sealer for the 3000 series systems. 3000 Broadcast / Veil Coat is U.S.D.A acceptable for use as a topcoat in food processing plant.

**ADVANTAGES:**

- Chemical Resistant
- Excellent Temperature Tolerance
- Slip Resistant – when used with broadcast aggregates.
- Durable, Wear Resistant Finish
- Excellent Adhesion
- Easy To Clean – U.S.D.A. Acceptable

**USES:**

- Tank Farms
- Coolers
- Refrigeration Units
- Laboratories
- Chemical Process Lines
- Pharmaceutical Research Areas

**SUPPLEMENTAL PRODUCTS:**

- 3300 Primer
- 3500 Grout Pitching and Filler
- 3300 FS, GS and PT 1/4" mortar systems

**PACKAGING AND COVERAGE:**

3000 Series Broadcast / Veil Coat System –  
**3000 Series Broadcast / 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)

**3000 Series Broadcast / 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 100% concrete failure ASTM C-321
<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-D3134F
<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 @ 75°F (24°C)</b>	ASTM C-308
<b>Shelf Life</b>	1 Year
<b>Colors</b>	Clear, Gray, Red or Black
<b>Solids by Content</b>	By Weight 100% By Volume 100%

**SURFACE PREPARATION:**

Material 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. To produce the proper 4 mil anchor profile, the blast media used shall be properly graded, clean, sharp, and angular, 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 A and part B into a clean container and mix with a low speed drill for approximately 2 minutes.

**APPLICATION:**

Do not apply material when floor temperature is below 50°F. Apply in a thin, even layer with a squeegee 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:**

Material 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 3000 Broadcast / 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 accidental eye contact occurs, flush with water and consult a physician immediately. Keep work areas well ventilated. Never reseal a container of mixed Part A and B as the continuing exothermic reaction may cause container to explode. 3000 Broadcast / 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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