

DESCRIPTION:

3300 Primer is a two-component, 100 % solids epoxy, U.S.D.A. acceptable for use in food processing plants. 3300 Primer is used under PF&L flooring systems to wet out the substrate.

ADVANTAGES:

- Prepackaged – Easy To Use
- Excellent Adhesion
- Quick Cure – Short Down Times
- Easy To Clear - U.S.D.A. Acceptable
- Excellent Chemical Resistance
- Environmentally Safe.

USES:

- Food Production Plants
- Forklift Aisle-ways
- Chemical Spill Containment Areas
- Industrial Production Facilities
- Warehouses

SUPPLEMENTAL PRODUCTS:

- 1000CS Roller Applied Topcoat
- 3500 Grout - Pitching and Filler
- 3000 VS
 Vertical Surfaces and Coves
- 3300 1/4" Trowel Grade Products
- 3000 FLEX - Expansion Joint Filler
- Epofil

PACKAGING AND COVERAGE:

3300 Primer – packaged in batches -
 1 batch kit - covers approximately 50 square feet at 8-10 mils DFT.

- 1 container – Part A (resin)
- 1 container – Part B (hardener)

Larger Packaging is also available –
 4 Batch Kit – covers approximately 200 square feet at 8-10 mils, consisting of the following –
 1 container – Part A (resin)
 1 container – Part B (hardener)

8 Batch Kit – covers approximately 400 square feet at 8-10 mils, consisting of the following –
 1 container – Part A (resin)
 1 container – Part B (hardener)

PROPERTIES:

Compressive Strength	11,500 psi ASTM C-579 (resin)
Tensile Strength	1,700 psi ASTM D-638 (resin)
Flexural Strength	3,500 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	130 in./lbs.
Indentation	No indentation MIL-D-3134F
Abrasion Resistance	58 milligrams ASTM D-1044
Flammability	Does not support combustion
Water Absorption	0.047% ASTM C-413
Working Time at 75°F (24°C)	20-30 minutes ASTM C-308
Shelf Life	1 Year
Solids by Content	By Weight 100% By Volume 100%

SURFACE PREPARATION:

3300 Primer 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 should be properly graded, clean, sharp, and angular, similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

MIXING:

Mix primer Part A and Part B for 2 minutes and apply at recommended thickness with a 12" squeegee. Back roll with medium nap roller to remove any squeegee lines.

CURE TIME:

3300 Primer will harden to foot traffic in 8-12 hours at 75°F (24°C). Maximum chemical resistance will occur after 96 hours of cure at 75°F (24°C).

CLEANUP:

Cured or hardened 3300 Primer 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 Primer 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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