

Product Data Sheet

DESCRIPTION:

3300 Primer is a two-component, 100% solids epoxy, U.S.D.A. acceptable for use in food processing plants. 3300 Primer is typically used under PF&L flooring systems to maximize adhesion to 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
- Decoblend Flooring System

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 (ASTM C-579) <resin>:	11,500 psi	Water Absorption (ASTM C-413):	0.047%
Tensile Strength (ASTM D-638) <resin>:	1,700 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:	130 in./lbs.	Flexural Strength (ASTM C-580) <resin>:	3,500 psi
Indentation (MIL-D-3134F):	No indentation	Flammability:	Does not support combustion
Abrasion Resistance (ASTM D-1044):	58 milligrams	Colors:	Red, Gray, Black

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.

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, 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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