

Product Data Sheet

DESCRIPTION:

3000 Broadcast is a two component, 100% solids epoxy system designed as a broadcast on concrete, or over 3300, ¼ inch epoxy mortar systems.

3000 Broadcast is U.S.D.A acceptable for use in food processing areas.

ADVANTAGES:

- Excellent Chemical Resistance
- 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 System –

3000 Series Broadcast - 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 - 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	Flammability:	Does not support combustion
Tensile Strength (ASTM D-638) <resin>:	4,100 psi	Water Absorption (ASTM D-570):	0.04%
Bond Strength (ASTM C-321):	Greater than 350 psi, 100% concrete failure	Working Time at 75°F (24°C)	25-35 min; 75°F (24°C)
Flexural Strength (ASTM C-580) <resin>:	6,200 psi	Maximum Immersion Temperature:	195°F (990.6°C)
Coefficient of Thermal Expansion:	1.2x10 ⁻⁵ in./in./°F	Shelf Life:	1 year
Colors	Clear, Gray, Red, or Black	Solids by Content:	By weight: 100% By volume: 100%
Indentation (MIL-D-3134F):	No indentation		

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 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.

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

Milamar Coatings, L.L.C.

www.milamar.com
311 NW 122nd Street, Ste. 100
Oklahoma City, OK 73114
Ph.: 405.755.8448
Fax: 405.755.8450