

Product Data Sheet

Description:

3300 Fast Cure Patch Kit is a three component flooring system trowel applied as a slurry to a minimum 1/4 inch thickness. 3300 Fast Cure is U.S.D.A. acceptable for food processing plants and has excellent resistance to most acids, caustics, detergents and other corrosive materials.

ADVANTAGES:

- Prepackaged Easy To Use
- Excellent Adhesion
- Repair Mortar
- Quick Cure
- Easy To Clean, U.S.D.A. Acceptable
- Chemical Resistant
- Environmentally Safe.

USES:

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

SUPPLEMENTAL PRODUCTS:

- 3300 Primer
Roller Applied Primer
- 3500 Grout
Pitching and Filler
- 3000 VS
Vertical Surfaces and Coves
- 3000 FLEX
Expansion Joint Filler

PACKAGING AND COVERAGE:

3300 Fast Cure Patch Kit - covers approximately 10 square feet at ¼ inch (250 mils), and contains the following -

1 Batch - 3300 Fast Cure Slurry -

- 1 container – Part A (resin)
- 1 container – Part B (hardener)
- 18.5 pounds – Part C (chemical resistant aggregate)

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):	5-7 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):	29 milligrams	Colors:	Red, Gray, Black

SURFACE PREPARATION:

3300 Fast Cure Patch Kits 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:

Prior to starting, materials should be stored at 70°F (21°C) for at least 48 hours.

Mortar - Empty entire contents of Part B into Part A and mix thoroughly for 1 minute. Slowly add the entire contents of Part C and mix for an additional 1 minute.

Apply immediately after mixing – 3300 Fast Cure Patch Kit has a 5-7 minute pot-life in 1 batch quantities at 75 degrees Fahrenheit.

APPLICATION:

Substrate temperature should be 50°-85°F (18°-29°C) during installation and for 48 hours for complete cure. Do not apply 3300 Fast Cure Patch Kits when floor temperature is below 50°F (16°C). Pour the entire batch onto the floor as soon as blended and trowel smooth with a steel trowel.

CURE TIME:

3300 Fast Cure Patch Kits will harden to foot traffic in 1 hour at 80°F (27°C). Maximum chemical resistance will occur after 48 hours at 75°F (24°C).

CLEANUP:

Cured or hardened 3300 Fast Cure Patching 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 the container to explode. 3300 Fast Cure Patch Kits Material Safety Data Sheets are available upon request.

NOTE:

Refer to 3300 Fast Cure Patch Kits Instruction for use.

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

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