

3300 FS PATCH KIT

1/4" TROWEL APPLIED MORTAR

DESCRIPTION:

3300 FS Patch Kit is a three-component flooring system trowel applied at a minimum 1/4 inch thickness. 3300 FS is U.S.D.A. acceptable for food processing plants, and has excellent resistance to most acids, caustics, detergents and other corrosive materials. 3300 FS is excellent for patching or overlaying entire floor surfaces.

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:

- 3500 Grout - Pitching and Filler
- 3000 VS
Vertical Surfaces and Coves
- 3000 FLEX
Expansion Joint Filler

PACKAGING AND COVERAGE:

3300 FS Patch Kit - covers approximately 16 square feet at 1/4 inch (250 mils), and contains the following -

1 mini-batch - 3300 - Primer -

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

1 Batch - 3300 FS - Mortar -

- 1 container - Part A (resin)
- 1 container - Part B (hardener)
- 37 pounds 3300 FS - Part C (chemical resistant aggregate)

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	29 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
Colors	Red, Gray, Black
Solids by Content	By Weight 100% By Volume 100%

SURFACE PREPARATION:

3300 FS 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.

Primer - Empty entire contents of Part B into Part A and mix thoroughly for 2 minutes.

Mortar - Empty entire contents of Part B into Part A and mix thoroughly for 2 minutes. Slowly add the entire contents of Part C and mix for another 1-1/2 to 2 minutes. As with all two-component systems, apply immediately after mixing, as heat is generated from the exothermic reaction over time and the working time of the mortar will substantially be reduced if the material is left in a pail.

Substrate temperature should be 65°-85°F (18°-29°C) during installation and 96 hours thereafter for complete cure. Do not apply 3300 FS when floor temperature is below 60°F (16°C). Pour the entire batch onto the floor as soon as blended and trowel smooth with a steel trowel. After troweling the mortar, wipe your trowel with M.E.K. or Denatured Alcohol and swipe surface. This will reduce trowel drag and allow for a tighter finished surface.

CURE TIME:

3300FS 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 3300FS 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. 3300FS Material Safety Data Sheets are available upon request.

NOTE:

Refer to 3300 FS Instruction for use.

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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APPLICATION: