

Product Data Sheet

PRODUCT DESCRIPTION

6000 Putty is a two component, vinyl ester filler / sealer. 6000 Putty has excellent adhesion, and is chemically resistant to many acids, alkalis, and salt solutions. Due to its sag resistant, lightweight consistency, it is used to patch and repair many types of substrate cracks and voids.

ADVANTAGES

- Light Weight Consistency
- Excellent Chemical Resistance
- Easy to Apply – Applicator Friendly
- Quick Cure – Short Down Time
- Excellent Adhesion

USES

- Repairing damaged substrates prior to top coating.
- Filling Voids in pre-cast concrete and masonry prior to top coating.

PACKAGING AND COVERAGE

6000 FS is packaged in pre-measured kits.

PROPERTIES		
Compressive Strength	ASTM C-579 (resin)	18,500 psi
Tensile Strength	ASTM D-638 (resin)	9,500 psi
Flexural Strength	ASTM C-580 (resin)	16,000 psi
Bond Strength	ASTM C-321	>350 psi 100% concrete failure
Coefficient of Thermal Expansion		1.2 x 10 ⁻⁵ in./in./°F
Working Time at	ASTM C-308	20-30 minutes 75°F (24°C)
Shelf Life		90 days
Solids by Content	By Weight	95%
	By Volume	95%

SURFACE PREPARATION

6000 Putty 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. The blasting media used shall be properly graded, clean, sharp, angular abrasive similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

MIXING

Prior to starting, all materials should be stored at 70°F (21°C) for at least 48 hours. ULTRAPRIME is a single component product, so it can be applied directly to the substrate without mixing. 6000 Putty – Mix Part A and Part B for 2 minutes. Do not allow any mixed material to sit in a pail as this will substantially reduce working time of material.

APPLICATION

Substrate temperature should be 65-85°F (18-29°C) during installation and for 96 hours thereafter for complete cure. Do not apply 6000 Putty when the substrate temperature is below 50°F (10°C) or above 90°F (32°C). Roll ULTRAPRIME on the substrate at a rate of approximately 250 sq. ft. per gallon. Cure to a tacky finish (30-45 minutes), and apply the 6000 Putty. Apply the 6000 Putty to the floor liberally and work back and forth across the void(s) to fill in completely. Strike the material flush with the surface of the substrate using a trowel or squeegee and remove any excess material.

CURE TIME

6000 Putty will achieve full chemical resistance and physical properties after 96 hours at 75°F (24°C).

CLEANUP

Clean tools immediately 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 resin and catalyst as the continuing exothermic reaction may cause container to explode. 6000 Putty is manufactured using a styrene monomer, which will give off an odor during application. Customer is responsible for protecting employees and food product from these odors. Cured product poses no threat of odor contamination. 6000 Putty 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, LLC.
www.milamar.com
311 NW 122nd Street, Ste. 100
Oklahoma City, OK 73114
Ph.: 405.755.8448
Fax: 405.755.8450