LOCTITE

1001 Trout Brook Crossing
Rocky Hill, CT 06067-3910
Telephone: (860) 571-5100
FAX: (860) 571-5465

Product Description Sheet

Fixmaster® High Solids Primer

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PRODUCT DESCRIPTION

LOCTITE® Fixmaster® High Solids Primer is a clear, high solids, high build, low viscosity primer designed for use with clear finish coats or any of the Fixmaster Self Leveling Flooring Epoxy systems under dry service temperatures of –23° to +82°C (–10° to +180°F).

Advantages:

- Fast curing, penetrating primer
- Low odor, VOC compliant
- Reduces bubbling and pinholes that occur when coating porous substrates
- High build for use over mechanically prepared substrates
- Cures to a clear color
- Available in 1 gallon and 5 gallon kits

PROPERTIES OF UNCURED MATERIAL

Feature	Typical Value
V.O.C. – volatile organic content, lb./gal	0.2
Volume of solids, %	96
Viscosity, cps	480
Work Life, minutes	40
Coverage, sq.ft./gal	200 @ 7-9 mils
Mix Ratio by volume	3:1.7
Recoat Window, hrs	8 to 36 @50% RH
Application Temperature, °F	55 to 95

RECOMMENDED SYSTEMS & APPLICATIONS

One coat over properly prepared surfaces:

- Concrete
- Masonry
- Wood
- Previously coated surfaces

Typical applications included:

- Warehouses
- Production facilities
- Utility Rooms
- Shipping & Receiving Areas
- Equipment Rooms

DIRECTIONS FOR USE

Surface Preparation:

- New concrete must be firm, clean, and free of any adverse moisture conditions. The surface must have an appropriate surface profile and be well-cured (30 days at temperatures over 70°F. Shot blasting, mechanical scarification, chemical means or sandblasting should be used to prepare the substrate.

- Older, uncoated concrete is prepared in the same manner as new concrete. Before preparation, the concrete must be thoroughly cleaned with a strong detergent cleaner to remove all grease and oils. All loose concrete must be removed. Holes and cracks should be filled with LOCTITE® Fixmaster® Crack Filler. Surface deterioration and rough surfaces should be treated with LOCTITE® Fixmaster® Epoxy Resurfacer.

- Previously painted surfaces should be completed stripped of peeling or degraded paint.
- Wood surfaces must be clean and sound. Remove any oils and dirt from the surface using a degreasing solvent or strong detergent.

Mixing:

Thoroughly mix contents of can with an electric or air mixer using a Jiffy® mixing blade or equal. After premixing both components, pour contents into an appropriate sized mixing container and mix for 2 to 3 minutes until thoroughly blended.

Note: For 5 gallon pails a 5 gallon Jiffy Mixer is recommended using the same method

Application:

Pour the mixed product onto the floor and rubber squeegee, using sufficient pressure to work the primer into the porous surface. Immediately backroll the product using a 3/8" nap roller leaving 7 – 9 mils on the surface. The High Solids Primer can be top coated in as little as 8 hours at 72°F and must be tack free before top coating. If pinholes or porosities are evident after initial cure of the primer, re-priming may be necessary, especially on very porous concrete.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS)

Storage

Product shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container. For further specific shelf life information, contact your local Technical Service Center.

Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data and are verified on a periodic basis.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various

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