

FlexiThane® 100-2

Single Package, Aromatic Urethane Polyurea Primer/Sealer



Primer for the Moby Deck System

PRODUCT DESCRIPTION

COMPOSITION:

FlexiThane 100-2 is a single component, high solids, low viscosity primer sealer for concrete, wood, most metal and polyurethane elastomeric surfaces before the application of a coating.

FEATURES

- **Rapid Cure**
- **ECONOMICAL**
- Hot or cold application, in dampness.
- Single Component
- Meets California V.O.C. Regulations

TYPICAL USES

FlexiThane 100-2 is used in many of the FlexiThane Decking Systems, esp. Moby Deck, as a pre-construction primer/sealer for plywood and as a "refresher coat" for re-bonding urethanes that have cured past the re-coat window.

MIXING AND USAGE

SURFACE PREPARATION Hairline Crack Repair: Blow out the cracks with dry compressed air to remove loose and unsound material.

Fill the cracks with sand that is at least (12) mesh or larger.

SURFACES:

- **Metals**
- **Plywood**
- **Concrete**
- **Other Plastic Surfaces**
- **Fiberglass**
- **Polyurethane Elastomeric**
- **Dust-Proofing Concrete Floors in Warehouses.**

• **PACKAGING** *FlexiThane 100-2* is available as follows:

- 1 gallon (3.78 Liter) Cans
- 5 Gallon (19 liter) Pails
- 55 Gallon (208 Liter) Drums

MIXING Before application, mix

FlexiThane 100-2 using a mechanical mixer at slow speeds or mix by hand until a homogeneous mixture and color is obtained. Use caution not to "ship" too much air into the material as this may shorten the pot life.

APPLICATION: *FlexiThane 100-2* should be applied at the rate of **300 sq. ft. per gallon (.135 liters/sq. meter.)** by airless spray, roller or brush.

CURING

Allow *FlexiThane 100-2* to become almost tack-free before filling cracks, joints or applying the next coating. Recommended application temperature is greater than 50F. (10C)

FlexiThane 100-2 is very sensitive to heat and moisture. Higher temperatures and/or high humidity may slightly accelerate the cure time. Conversely, low temperatures and/or low humidity may slightly extend the cure time.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use. It is very difficult to clean after it has cured.

LIMITATIONS

- ✓ Ensure that the substrate is properly prepared prior to application. Surfaces must be dry, clean and free of foreign matter.
- ✓ *FlexiThane 100-2* should be used only as a primer, in ventilated areas. It is not U/V stable, and is primarily for exterior applications as a primer.
- ✓ Any remaining material must be tightly sealed top protect is against curing in its container. Containers that have been opened must be used within 1 or 2 days.
- ✓ *FlexiThane 100-2* may not be diluted under any circumstance.

FlexiThane 100-2 should primarily be used as stipulated on this Technical Bulletin. Results occurring from use other than what is indicated is not tested or guaranteed.

FOR PROFESSIONAL USE ONLY.

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Contains Isocyanates and Solvents

TECHNICAL DATA

Physical Property	Test Method	Results [English]	Results [Metric]
Shelf Life		6 months	6 months
Specific Gravity		1.02	Same
Viscosity at 24° C(75°F)		150 ± 5cps	Same
Flash Point		<79°F. <26°C	
Total Solids by Weight	ASTM D-2369	72%	Same
Total Solids by Volume	ASTM D-2397	67%	Same
VOC	ASTM D-2369-81	2.4 lbs./gallon	290 gm/liter