



Product Data Sheet

Epoxy Primer

Epoxy Primer

rev.100317

Product Description:

Epoxy Primer is a 100% solid, Two-Part Epoxy that is specifically designed as a primer for green and/or damp concrete. Epoxy Primer was developed with good flexibility to allow for better resistance with surface movements and better impact resistance. Epoxy Primer can be applied to "green" concrete when the concrete is a minimum of 14 days old and under the standard 28-day curing needed to reach full cure.

Advantages Over Other Epoxies:

- Designed for "green" concrete (14 – 28 Day Cure)
- Bonds to Damp Surfaces
- Good Flexibility
- 100% Solids; no VOCs
- Excellent Chemical Resistance

Product Uses:

- "Green" concrete (14 - 28-day cure time).
- Damp Concrete

Surface Preparation:

The surface must be sound, and free of oil, grease, dirt, paints and sealers prior to installation. Any and all loose concrete must be removed. New concrete should be acid washed and cleaned with clean water.

Application Methods:

Mix 2 Parts Resin Part A with 1-part Hardener Part B. Stir for 3 minutes by hand or 1 minute with electric drill mixer. Immediately pour or roll onto floor approximately 150-200 sq. ft. per gallon. Only mix enough that can be applied within 20 minutes at room temperature. If Epoxy becomes hot to the touch, discard and avoid using. Recoat when Epoxy becomes tacky or within 24 hours. If you cannot recoat within 24 hours' sand must be lightly sprinkled onto wet Epoxy before cures. This will create a bonding tooth for additional coats.

Packaging:

Epoxy Primer is available in:

- 3 gal kits*
- 15 gal kits

Epoxy Primer**TECHNICAL PROPERTIES**

Color	Clear, no contamination
Mixing Ratio by Volume	2 Parts Resin (A) to 1 Part Hardener (B)
Viscosity @ 77°F (23°C) Mixed	1350 CPS
Pot Life @ 77°F (23°C)	40 Minutes
Tack-Free @ 77°F (23°C)	5 - 8 Hours
Cure-through time @ 77°F (23°C)	12-24 Hours
Density @ 77°F (23°C) g/cm ³	1.01
Flash point, closed cup, °F (°C)	169 (76)

Coating Properties after 7-day cure @ 77°F (5-6 mil)	TEST METHOD	RESULTS
Solids by Volume		100%
Impact (Direct/Reverse), in/lb.	MIL D-2794	PASS
Pencil Hardness	ASTM D-3363	2H
Cross Hatch Adhesion	ASTM D3359 (0 = worst, 5 = best)	5
Film Appearance	Visual	Glossy

Storage:

Epoxy Primer should be stored in a dry place, in the sealed original container, at temperatures between 36°F and 104°F (2°C and 40°C). The product should not be exposed to direct sunlight.

Precautionary Statement / First Aid:

Refer to Epoxy Primer SDS's for all pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest Safety Data Sheets to determine possible health hazards and appropriate precautions to implement prior to using this material.

KEEP OUT OF REACH OF CHILDREN

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY