



Epoxy.com Product #899

100% Solids Low-Mod Low-Viscosity Primer / Sealer / Mortar

GENERAL DESCRIPTION

Epoxy.com Product #899 is a **100%** solids Low-Mod Low Viscosity Primer and Sealer. It may be used as a Primer for any Epoxy.com Products, as a stand alone sealer. It may also be combined with Epoxy.com Product #78 to form a Low-Mod mortar.

ADVANTAGES

- Moisture insensitive (cures on damp or wet surfaces)
- Withstands movement from thermal change
- Meets ASTM C-881 Type III, Grade 1 Class B and C std. spec.
- Low Viscosity - Excellent wetting properties
- Good shock absorption qualities
- Versatile
- Forms Virtual Moisture Barrier

SURFACE PREPARATION

Surface must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, mechanical abrasion, or acid etching. Remove water and dust from all surfaces with an oil-free blast immediately prior to application.

MIXING INSTRUCTIONS

Temperature of Epoxy.com Product #899 must be 50 degrees F or above at time of mixing. Stir each component separately before blending. Mix two parts by volume of Part A with one part by volume of Part B for three minutes with a low speed electric drill motor equipped with a mixing paddle.

APPLICATION

Epoxy.com Product #899 can be applied with a brush, roller or squeegee when used as a primer or seal coat. For skid resistance, broadcast sand at a rate of 2 lbs. per square yard. For mortar applications finish surface with trowel. Prime surface to be patched with neat material.

LIMITATIONS

Use of solvents for thinning will prevent proper cure. New concrete must be 28 days old prior to application of Epoxy.com Damp Primer. Temperature of substrate must be above 40 degrees F.

SAFETY PRECAUTIONS

Prolonged or repeated exposure may cause eye and skin irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

CLEANUP

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent.

APPLICATION PROPERTIES @77 DEGREES F

Mix Ratio	2:1 By Volume
Viscosity (mixed)	400-450 cps
Initial Cure	6 - 8 hours (with normal cure hardener)
Recoat (coating system)	10-12 hours (regular cure) :4-6 hours (fast cure)
Final Cure	24 hours
Potlife	30-40 minute (with regular cure hardner)
Packaging (unit size)	3 gal unit, 15 gal unit, 165 gallon unit
Standard Colors	clear
Colors	Standard Colors Available at an Additional Charge

PHYSICAL PROPERTIES

Elongation (ASTM D-638)	Greater than 10%
Compressive Strength (ASTM D-695)	10,000 PSI (min)
Tensile Strength (ASTM D-790)	3,500 PSI
Concrete Bond Strength (ASTM C-882)	2,290 PSI
Shrinkage (ASTM C-883)	Passed Test
Thermal Compatibility (ASTM C-884)	Passed Test
Adhesion to Concrete (ACI Committee 403)	250 PSI (concrete fails)

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

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