

# Epoxy Systems' Primer-Sealer Product # 899

**100% Solids Low-Mod Low -Viscosity Epoxy Primer and Sealer**

## **GENERAL DESCRIPTION**

Epoxy Systems' <sup>TM</sup> Damp Primer is a **100%** solids Low-Mod Low Viscosity Primer and Sealer. It may be used as a Primer for any Epoxy Systems' <sup>TM</sup> product, or as a stand alone sealer.

## **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*

## **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 Systems' <sup>TM</sup> Damp Primer must be 50 degrees F or above at time of mixing. Stir each component separately before blending. Mix one part 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 Systems'™ Damp Primer 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 Systems'™ 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
Recoat (coating system).....	10-12 hours (regular cure) 4-6 hours (fast cure)
Final Cure.....	24 hours
Packaging (unit size).....	1 gal., 5 gal.
Standard Colors.....	clear

## **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 additional information please contact:

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## **Notes:**

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