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## Epoxy Mortar Adhesive Binder

Lo-Mod Low Viscosity 100% Solids Epoxy

Epoxy Product #10

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### GENERAL DESCRIPTION

**Epoxy Mortar Adhesive Binder - Low Viscosity - Product #10** is a 100% solids Lo-Mod Low Viscosity adhesive used as a binder for epoxy mortar systems in patching and grouting applications, as a seal coat for non-skid surfaces outside, and as a primer to insure high bond strength for coatings and patches. Product #10 Low Modulus Low Viscosity Epoxy Resin Adhesive and Binder System is Zero (0) VOC.

### ADVANTAGES

- Low Modulus, stress relieving
- Moisture insensitive (cures on damp or wet surfaces)
- Easily Troweled

- Withstands movement from thermal change
- Meets ASTM C-881 standard specification
- Low Viscosity - Excellent wetting properties
- Good shock absorption qualities

## SURFACE PREPARATION

Surface to receive **Product #10 Mortar Resin** 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. See Epoxy.com Surface Preparation Guide for more details.

## MIXING INSTRUCTIONS

Temperature of **Mortar Adhesive Binder Low Viscosity Product #10** 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.

To prepare **Product #10** as a mortar, slowly add 3-5 parts by volume of clean, dry, well graded sand to one part by volume of mixed epoxy. Continue to mix until aggregate is thoroughly wetted down.

## APPLICATION

**Mortar Binder Low Viscosity Product #10** 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.

Use of solvents for thinning **Product #10 Low Mod Low Viscosity Adhesive Mortar** will prevent proper cure. New concrete must be 28 days old prior to application of Product C10. 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.

## CLEANING INSTRUCTIONS


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

**APPLICATION PROPERTIES @77°F**

Mix Ratio	2:1 By Volume
Viscosity (mixed) (ASTM D-2393)	400-450 cps
Gel Time (ASTM C-881)	30-40 minutes
Consistency	no bead formed
Initial Cure	6-8 Hours
Final Cure	7 Days
Packaging (unit size)	1.5 gal., 3 gal, 15 gal., drums
Standard Colors	neutral, & <a href="#">Colors Listed Below</a>

#### TENSILE PROPERTIES

Elongation (ASTM D-1652)	>10%
Compressive Strength (ASTM D-695)	10,000 P.S.I
Absorption (ASTM D-570)	0.36%
Thermal Compatibility	passed test
Adhesion to Concrete (ACI Committee 403)	250 p.s.i (concrete fails)
Shrinkage (ASTM C-883)	passed test
Bond Strength (ASTM C-882)	2290 p.s.i (min)
Tensile Strength (ASTM D-790)	3,500 p.s.i min.
Flexural Strength (ASTM D-790)	2,800 p.s.i min.

 [Click the picture](#) of color card below for a larger version of this picture of the color chart.

**Please note:** The picture to the right is a photographic reproduction of the color card for this product. The photo reproduction process and your monitor and/or printer will change these colors. This chart is to give you an idea of the colors available and not intended for critical color selections.

Proper mixing and installation is critical to the optimal success of all products. See [Installation Tips](#), [Techdata](#), & [MSDS](#) for more details on our products. Be sure to contact us with any questions and/or concerns that you have.

For more information please contact:

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