



Epoxy.com Product #10

100% Solids Lo-Mod Low Viscosity Adhesive/Binder

GENERAL DESCRIPTION

Epoxy.com 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.

ADVANTAGES

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

Epoxy.com 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.

LIMITATIONS

Use of solvents for thinning 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 DEGREES 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 gal., 5 gal., drums
Standard Colors	neutral, & Colors Listed Below

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.

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

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