



Epoxy.com Product #6

100% SOLIDS HI-MOD GEL ADHESIVE

DESCRIPTION

Epoxy.com #6 is a 100% solids high-mod epoxy gel adhesive used for vertical and overhead bonding applications and structural repairs. It is also used as a grout for anchor bolts, dowels and rebar.

ADVANTAGES

- Moisture insensitive
- Non-sagging
- Exceeds requirements for A.S.T.M. C-881-90 Types I, II, Grade 3, Class "B" and "C"
- Proven field performance
- Slower setting

APPLICATION PROCEDURES

Surface Preparation:

Before application of gel, surface to be bonded must be clean and sound. Remove all dirt, laitance, grease, curing compounds and other foreign matter by **sandblasting, or mechanical abrasion**. Remove water and dust from all surfaces with an oil-free air blast immediately prior to application.

Mixing Instructions:

Temperature of Epoxy.com™ Product #6 must be 50 F. or above at time of mixing. Stir each component separately, before blending. Mix equal volumes of Part A and Part B for three minutes with a low speed electrical drill equipped with a jiffy mixer or paddle. To prepare a mortar add one part by volume of clean, dry, well graded select sand to one part by volume of mixed epoxy.

Application:

To apply Epoxy.com™ Product #6 use a spatula, trowel or caulking gun.

Limitations:

Use of solvents for thinning Epoxy.com™ Product #6 will prevent proper cure. Temperature of substrate must be above 40 F. Age of new concrete must be a **minimum** of 28 days. Maximum thickness per lift for patching application is 1".

SAFETY PRECAUTIONS

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

CLEANING

All tools and equipment should be cleaned before the system gels. Use toluene, Methyl ethyl ketone or any lacquer solvent.

SPECIFICATIONS

APPLICATION PROPERTIES @ 77 F.	
Mix Ratio	1:1 by Volume
Gel Time	30 min.
Color	Gray
Consistency	No Sag
Initial Cure	24 hr. (80% ultimate strength)
Final Cure	7 Days
Coverage @ 30 mils	53 sq. ft./gal
Packaging	Gal Cans, 5gal. pails

PHYSICAL PROPERTIES	
Bond Strength (Slant Shear) ASTM C 883-78 7 days	3500 P.S.I (34.5 MPa)
Compressive Strength (ASTM C 109 Modified)	12000 P.S.I (82.7 MPa)
Dielectric Strength S/T, Volts per mil	440-465
Tensile Strength @ 75 degrees F (24 degrees C) ASTM D-638	4000 P.S.I (34.5 MPa)
Absorption (ASTM D-570)	0.025%
Shrinkage (ASTM D-2566)	Passes Test

Coverage: There are 231 cubic inches to a gallon. So you will get about 25.6 square feet per 1/16 inch of thickness.

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

For more information please contact: Epoxy.com.

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