



Epoxy.com Product #5

100% SOLIDS HI-MOD GEL ADHESIVE

DESCRIPTION:

Epoxy.com Product #5 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 (cures on damp or wet surfaces)
- Non-sagging (ideal for setting injection ports)
- Proven field performance
- Strong yet resilient
- Quick Setting
- High Early Strength

APPLICATION PROCEDURES

Surface Preparation:

Before application of compound, surface to be bonded must be clean and sound. Remove all dirt, laitance, grease, curing compounds and other foreign mater 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 #5 must be 50 F. or above at time of mixing. Stir each component separately before blending thoroughly. Mix one part by volume of component A with one part by volume of component B for three minutes with a low speed electrical drill motor equipped with a mixing paddle. Pot life is approximately 10 to 15 minutes at 72 F. Gel time varies depending on the ambient temperature. Consult Epoxy.com Tech Service for specific information.

To prepare a mortar for structural repairs add one part by volume of dry, clean, well-graded select sand to one part by volume of mixed epoxy.

Application

Apply Epoxy.com™ Product #5 with a spatula, trowel or caulking gun. Limitations Temperature of substrate must be above 40 F. Alteration of Epoxy.com Product #5 with solvents for thinning purposes will prevent proper cure.

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

Meets [ASTM C-881](#)-90 Type I, II, IV, & V when used at temperatures of 40 F. and below.

APPLICATION PROPERTIES @ 77 F.	
Mix Ratio	1:1 by Volume
Consistency	Paste with 1/2" hang
Gel Time (200 gr.)	10-15 minutes
Initial Cure	30 minutes
Final Cure	24 hours
Packaging	1 gal. cans, 5 gal. pails, drums

PHYSICAL PROPERTIES	
Tensile Strength (ASTM-638)	4,200 p.s.i min
Tensile Elongation (ASTM D-638)	4% max.
Shore D Hardness (ASTM D-2240)	80 +/- 5
Compressive Strength (ASTM D-695)	11,000 p.s.i min.
Flexural Strength (ASTM D-790)	8600 p.s.i

Coverage:

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

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

For more information please contact:

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