

ETF Fast Cure Epoxy

Epoxy-Tie ETF is a two-component, 100% solid epoxy-based adhesive for use as a high strength, fast cure, non-shrink anchor grouting material. Resin and hardener are dispensed and mixed simultaneously through the mixing nozzle. ETF meets the ASTM C-991-90* specifications for Type I, II, IV and V, Grade 3, Class B or C type material.

**Modified for viscosity and gel time.*



Uses

- Anchor grouting
- Bonding hardened concrete to hardened concrete.
- Paste over for injection

Codes

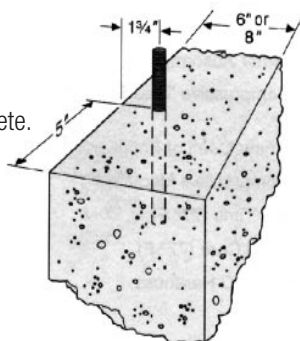
ICBO 4945

Application

Surfaces to receive epoxy must be clean and sound. For dependable results epoxy should be applied to dry surfaces. Epoxy should not be installed in or through standing water.

Not for screen tube applications in unreinforced masonry.

The base material must be between 40°F or above at the time of application. For best results, material should be 70°F-80°F at the time of application. Cartridges should not be immersed in water to facilitate warming. To warm cold material, the cartridges should be stored in a warm, uniformly heated area or storage container for a sufficient time to allow epoxy to warm completely. Mixed material in nozzle will harden in 7-10 minutes at a temperature of 49°F or above.



Edge and end distances for threaded rod in concrete foundation stemwall corner installation

ETF Set and Cure Schedule

Base Material Temperature	40°F	60°F	80°F	100°F
Set Time	6 hrs	1 hr	30 min	20 min
Cure time	24 hrs	2 hrs	1 hr	1 hr

ETF Concrete Foundation Stemwall

Stud Dia. (in)	DRILL DIA. (in)	Min. Embed (in)	Min Wall Thickness (in)	Min Edge Dist (in)	Min End Dist (in)	Avg Ult	Tension (lbs) f'c ≥ 2000 psi
5/8	3/4	10	6	1-3/4	5	23000	5750
7/8	1	15	8	1-3/4	5	33600	8400

Shelf Life

Two years from date of manufacture in unopened container.

Storage Conditions

Store between 60°F-80°F

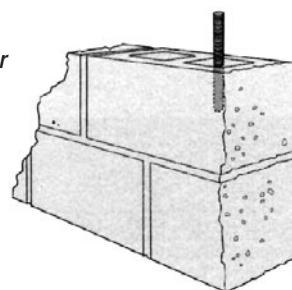
Color

Resin-white; hardener-black; mercaptan based. When properly mixed ETF adhesive will be a uniform dark gray color.

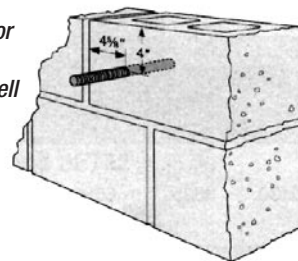
Clean Up

Uncured material-wipe up with cotton cloths. If desired scrub area with abrasive, water based cleaner and flush with water. If approved, solvent can be used. Cured Epoxy-Chip or grind off surface.

CMU Anchor Placement in Cell Opening



CMU Anchor Placement in Face Shell



CMU Anchor Placement in "T" Joint

