



# EpoxySystems' Product #540

## Anchor Set

### DESCRIPTION

**PRODUCT #540 Anchor Set** is a three component, flowable, fast-setting, 100% reactive polyester grout specifically formulated for anchor bolt setting. It may also be used as a grout for floor topping where chemical resistance is required.

### ADVANTAGES

- May be used in temperatures as low as 20° F (-7° C). In temperatures above 50° F (10° C) use Product #541 Anchor Set.
- Provides excellent chemically resistant surfaces.
- Exhibits fast set, at temperatures below 50° F (10° C), allowing it to be put into service quickly.

### PHYSICAL PROPERTIES

Compressive Strength	6,000 psi	41.37 Mpa @ 1 hour @ 75° F (24° C)		
	10,000 psi	68.95 Mpa @ 2 hours @ 75° F (24° C)		

Pot Life	25 minutes @ 75° F (24° C)			
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Cure Cycle	30° F (-1° C)	70° F (21° C)	90° F (32° C)	
	3 hours	2 hours	1 hour	

### SURFACE PREPARATION

**Anchor Bolt Grouting:** Anchor bolt holes or other surfaces to which PRODUCT #540 is to be applied must be free of dust, oil, or any other contaminants. Holes drilled with diamond bits may not produce the best sidewall surface condition. For best results, use rotary type percussion equipment.

**Floor Topping:** Surface to receive PRODUCT #540 must be clean, dry, sound, and free from any materials which might interfere with adhesion. Abrasive blasting, or scarification are and detergent washing recommended depending upon the surface to be covered.

### MIXING

At the job site, open Component B containing the filler/hardener. Begin mixing with an FX-Mixing Paddle and slow-speed electric drill. Slowly pour Component A, the resin, into Component B. Mix until a uniform gray color, about 2-3 minutes. Add Component C and mix for 1-2 minutes.

### APPLICATION

**Anchor Bolt Grouting:** Pour slowly and stop frequently to permit leveling. This will prevent air entrapment.

**Floor Topping:** The floor should be primed with PRODUCT #540 Primer at the rate of 100 sq./gal. PRODUCT #540 mortar shall be applied with normal masonry tools and trowel.

## **PACKAGING**

25 lb. unit = 20 lb. bag filler/hardener  
                  ½ gallon resin plus C Component  
50 lb. unit = 40 lb. bag filler/hardener plus  
                  1 gallon resin plus C Component

## **YIELD**

300 cu.in./175 cu. ft.  
600 cu. in./350 cu. ft.

Filler/Hardener is packaged in polyethylene bags. It is palletized and shrink wrapped to protect it from moisture, or packed in fiber drums.

## **STORAGE**

PRODUCT #540 is to be stored between 45° F and 80° F. Shelf Life: 3 months with proper storage.

**CAUTION: MATERIAL IS FLAMMABLE. DO NOT USE NEAR OPEN FLAME OR WHILE SMOKING. AVOID CONTACT WITH SKIN. CONSULT MATERIAL SAFETY DATA SHEET PRIOR TO USING MATERIAL.**

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

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