

# Anchor-It

#2447

Two-Part Epoxy Anchoring System

**Product Information Sheet**



**Features**

- Cartridge dispensing system assures correct ratio will be maintained
- Conforms to Grade 3, Class A, Type I, IV & V of ASTM C881
- Non-sag
- Non-abrasive
- May be applied to dry or damp concrete, or in humid conditions
- Two 300 mL cartridges mix to make 600 mL of epoxy

**Description**

ANCHOR-IT is a two-component, 100% solids, rapid setting, epoxy anchoring system packaged in easy-to-use 300 mL dual cartridges. This unique cartridge assures the correct portioning and thorough mixing of the epoxy, which is color-coded to assure that mixing is complete. ANCHOR-IT has a wide variety of uses, including setting of machine anchor bolts for load bearing applications. ANCHOR-IT adhesive and repair cartridge system is dispensed with # 4225 cartridge handgun. This handheld, manually operated gun provides a convenient, cost effective method to accurately apply product with minimum waste.

**Applications**

- Dowel bars
- Rebar
- Anchor bolts
- Bonding hardened concrete
- Binder for epoxy materials
- Sealing cracks

**Directions**

Remove top caps and attach mixing nozzle and relating nuts. If using air compression, do not allow air pressure to exceed 65 PSI. Pot life: 5-10 minutes  
 Mix ratio: 1:1. Shelf life: 1 year.  
*Do not apply when temperature is below 33°F, or to latex-modified mortar or latex-modified concrete.*

**Pull out strength:** exceeds 12,000 psi  
**Tensile strength:** > 8000 psi  
**Bond strength (ASTM C-881):**  
 2 day-2400 psi, 14 day-2800 psi  
**Heat Deflection Temp (ASTM D-648):**  
 130°F  
**Compressive Strength (ASTM D-695):**  
 > 10,000 psi  
**Compressive Modulus (ASTM D-695):**  
 > 225,000 psi  
**Water Absorption:** 0.13%  
**GA D.O.T., Section 886:** Type VIII

**Product Characteristics**

Appearance	A: White paste; B: Black paste
Odor	A: Almost odorless; B: Ammonia
Evaporation Rate	N/A
Vapor Pressure (mmHg@70°F)	N/A
Vapor Density (Air=1)	A: N/A; B: N/D
Solubility in Water	Insoluble (<.1%)
Specific Gravity @ 25°C (H2O= 1)	A: 1.33; B: 1.41
Boiling Point	A: N/A; B: 608°F
Flash Point	A: PMCC 480°F; B: PMCC 432°F
pH as supplied	A: N/A; B: Alkaline
% Volatile	0
VOC	A: 0; B: N/A
Transport information	
Class #	60
NMFC	4620-5
Proper Shipping Name	Adhesives, NOI

	A	B
Health	2	3
Flammability	1	1
Reactivity	0	0
Personal Protection	G	G