

ANCHOR-IT #2447

Two-Part Epoxy Anchoring System



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. 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
- Bonding Hardened Concrete
- Anchor Bolts
- Rebar
- Binder for Epoxy Materials
- Sealing Cracks

Product Characteristics:

	A.	B.
Appearance:	White thixotroa	Black, thixotropic paste
Odor:	Slight sweet odor	Ammonia
Boiling Point/Range:	>260°C (500°F)	Not determined
Water Solubility:	Insoluble in water	Insoluble in water
Relative Density:	1.34	Heavier than air
pH:	App neutral (1:1 in water)	Not determined
Viscosity (dynamic):		Paste: 1.41
Storage:	Store locked up.	Store locked up.
Transport Information:		
UN Number:	UN3082	UN2735
Proper Shipping Name:	Environmentally Hazardous substance, liquid, n.o.s.	Amines, Liquid, Corrosive N.O.S
Class:	9	8
Packing Group:	III	II

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

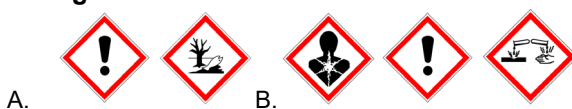
Compressive Strength (ASTM D-695): >10,000 psi

Compressive Modulus (ASTM D-695): >225,000 psi

Water Absorption: 0.13%

GA D.O.T., Section 886: Type VIII

Pictograms:



Signal Word:

A. Warning B. DANGER

Personal Protective Equipment Required:



DOT Placard:

A. Not regulated.
B. Not available.