

SurePoxy 117



SurePoxy 117 is a 100%-solids, high-modulus, moisture-insensitive, two-component, fast-setting epoxy anchoring gel. SurePoxy 117 provides a rigid, non-shrinking adhesive grout for use with dowel bars, coil rod, and threaded rod in both dry and damp applications. SurePoxy 117's unique non-abrasive formula makes application significantly easier with pressure injection equipment. SurePoxy 117 is intended for application from 60-95°F.

ADVANTAGES

- ✔ Contains Zero VOCs
- ✔ Non-Abrasive Formulation
- ✔ Cartridge Packaging to Prevent Mixing Errors
- ✔ Load-Bearing
- ✔ Bulk Packaging for Plural Component Pumps
- ✔ Solvent Free
- ✔ LEED Credits
- ✔ Moisture Insensitive
- ✔ 100% Solids
- ✔ Chemically Resistant
- ✔ Easy Mixing

USES

- ✔ Dowel Bar, Coil Rod, & Threaded Rod Adhesive
- ✔ Crack Sealing
- ✔ Chemical Anchoring
- ✔ Highway & Runway Paving
- ✔ Parking Bumpers

PACKAGING

- ✔ 22 oz. cartridges
- ✔ 2-gallon units
- ✔ 10-gallon units

COMPLIANCES

- ✔ ASTM C-881, Types I, II, IV, and V, Grade 3, Class B & C (modified for faster set)
- ✔ AASHTO M-235, Types I, II, IV, and V, Grade 3, Class B & C (modified for faster set)
- ✔ Federal Aviation Administration
- ✔ DOT Approved
- ✔ Corps of Engineers

TEST METHODS

TEST RESULTS

Mix Ratio	1:1 by Volume
Color	Concrete Gray
Pot Life	8-12 Minutes
Bond Strength (ASTM C-882) 14 Days Moist Cure	2,100 psi.
Compressive Strength (ASTM D-695) 2 Hours 7 Days	4,000 psi. 12,500 psi.
Direct Tension Pull Out Strength (ASTM E-488) 5/8" Threaded Grade B7 in a 0.75" hole diameter embedded 4" deep	31,159 lbf
1" Threaded Grade B7 in a 1.125" hole embedded 10" deep	83,108 lbf
1" Coil Rod in a 1.125" hole embedded 10" deep	71,725 lbf