

Sure Anchor™ I J51

DESCRIPTION

Sure Anchor™ I J51 is two component, moisture-insensitive, 100% solids, high modulus epoxy gel adhesive that meets ASTM C-881 and AASHTO M-235.

FEATURES & BENEFITS

- High-strength structural adhesive
- Ideal for anchoring dowels, bolts, reinforcing steel and threaded rod
- Easy dispensing and no mixing with pre-filled cartridges as well as bulk packaging
- Moisture tolerant
- Fast-setting
- Non-sag gel consistency
- Excellent adhesion
- Certified to conform to NSF/ANSI Standard 61 by WQA

PRODUCT DATA

- ASTM C-881/ AASHTO M-235, Types I, II, IV, V Grade 3, Classes B & C, except for minimum gel time due to fast set
- Mix ratio: 1 part A to 1 part B by volume
- Mixed color: Gray
- Consistency: Non-sag gel
- Gel Time: 60 gm mass 6-8 minutes at 75°F (24°C)
- Initial Cure: 2 hours
- Compressive Strength ASTM D-695:
 - 4,000 psi (27.6 MPa) at 24 hours
 - 6,300 psi (43.4 MPa) at 48 hours
 - 8,300 psi (57.2 MPa) at 72 hours
 - 11,200 psi (77.2 MPa) at 7 days
- Concrete Bond Strength ASTM C-882:
 - 2,200 psi at 2 days (15.2 MPa)
 - 3,400 psi (23.4 MPa) at 14 days
- Compressive Modulus ASTM D-695:
 - 316,100 psi, (2,180 MPa)
- Water Absorption ASTM D-570 - 0.35%
- Tensile Strength ASTM D-638:
 - 7 days 8,000 psi (55.1 MPa)
- Linear Coefficient of Shrinkage D-2566: 0.002