

PRODUCT DESCRIPTION

Sure Anchor[®] I J51 is two component, moisture tolerant, 100% solids, high modulus epoxy gel adhesive that meets ASTM C881 and AASHTO M235.

Sure Anchor[®] I J51 is ideal for anchoring bolts, dowels, and reinforcing steel in concrete. It is also ideal for vertical and horizontal structural bonding and patching. Sure Anchor[®] I J51 may also be used to seal cracks and set injection ports prior to injection grouting.

ADVANTAGES

- High-strength structural adhesive
- Ideal for anchoring dowels, bolts, reinforcing steel and threaded rod
- Moisture tolerant
- Fast-setting
- Non-sag gel consistency

SURFACE PREPARATION

Surface to be bonded must be clean and sound. Remove dust, dirt, grease, laitance, curing compounds and other foreign matter by sandblasting, mechanical abrasion or hydro blasting. For drilled holes, clean with a bristle brush. Remove all water and dust with clean compressed air prior to installation. Air and surface temperature must be 5° C or above.

MIXING

Condition material to 18°- 29°C before using. Premix each component, then mix equal volumes of Part A and Part B for 3 minutes with a low speed drill, a jiffy mixer or paddle. Mix only what can be used during the pot life.



PROPERTIES

ASTM C881, AASHTO M235, TYPES I, II, IV, V. GRADE 3, CLASSES B & C, EXCEPT FOR GEL TIME DUE TO FAST SET.

Mix ratio	1-part A to 1-part B by volume
Mixed colour	Grey
Consistency	Non-sag gel
Gel Time	60gm mass 9 minutes at 24°C
Compressive Strength ASTM D695	13,500 psi (93 MPa) at 7 days
Concrete Bond Strength ASTM C882	3,200 psi at 2 days (22.0 MPa) 3,400 psi (23.4 MPa) at 14 days
Water Absorption ASTM D570	0.16%
Tensile Strength ASTM D638	7 days 7,000 psi (48.2 MPa)