

PRO-POXY™ 500

DESCRIPTION

Pro-Poxy 500 is a two component non-sag high performance, 100% solids epoxy anchoring system that can be used with threaded rod and reinforcing bar in both cracked and uncracked concrete.

FEATURES & BENEFITS

ICC Approved for Use in Cracked and Uncracked Concrete

Ideal for anchoring dowels, bolts, threaded rod, pins and reinforcement steel in cracked and uncracked concrete as well as other substrates including stone and solid rock.

- For use in vertical down, horizontal, upwardly inclined and overhead installations
- Installs in temperatures between 40°F and 104°F (5°C and 40°C)
- Low VOC, with virtually no odor, styrene free
- Maximum in-service temperatures of up to 176°F for short term duration
- For use in dry, damp and water-filled holes
- Resists static, wind or earthquake (Seismic Design Categories A through F)

PRODUCT DATA

- Tested to ICC-ES AC308, ESR-3959
- Certified to NSF/ANSI Standard 61 by IAPMO R&T
- Heat Deflection Temperature ASTM D648
7 days 120°F (48.9°C)
- Volatile Organic Compounds (VOCs) D2369, 4.5 g/l
Compliant with all Canadian and U.S. VOC regulations including Federal EPA, OTC, LADCO, SCAQMD & CARB.

Compressive Yield Strength ASTM D695	7 days 13,810 psi (95.2 MPa)
Tensile Strength ASTM D638	7 days 3,325 psi (22.9 MPa)
Tensile Elongation ASTM D638	7 days 5.9%
Tensile Modulus ASTM D638	7 days 798,000 psi (5502.0 MPa)
Flexural Strength ASTM D790	7 days 11,750 psi (81.0 MPa)

Substrate Temp. (°C)	Substrate Temp. (°F)	Gel Time	Cure Time
4 to 9	40 to 49	20 mins	24 hours
10 to 15	50 to 59	20 mins	12 hours
10 to 22	59 to 72	15 mins	8 hours
22 to 25	72 to 77	11 mins	7 hours
25 to 30	77 to 86	8 mins	6 hours
30 to 35	86 to 95	6 mins	5 hours
35 to 40	95 to 104	4 mins	4 hours
40	104	3 mins	3 hours

