

**ANCHORING SYSTEMS** *Anchoring Adhesives***SET-XP™**

SET-XP is a 1:1 two component, high solids epoxy-based anchoring adhesive formulated for optimum performance in both cracked and uncracked concrete. SET-XP has been rigorously tested in accordance with ICC-ES AC308 and 2006 IBC requirements and has proven to offer increased reliability in the most adverse conditions, including performance in cracked concrete under static and seismic loading. SET-XP is teal in color in order to be identified as a high performance adhesive for adverse conditions. Resin and hardener are dispensed and mixed simultaneously through the mixing nozzle. SET-XP exceeds the ASTM C881 specification for Type I and Type IV, Grade 3, Class C epoxy.

**USES:** When SET-XP is used with the IXP anchor, all thread rod, or rebar, the system can be used in tension and seismic zones where there is a risk of cracks occurring that pass through the anchor location. It is also suitable for uncracked concrete conditions.

**CODES:** ICC-ES ESR-2508; City of L.A. pending; Florida FL 11506.5 NSF/ANSI Standard 61 (216 in<sup>2</sup>/1000 gal)

**IXP™ ANCHOR**

Patent Pending

The Simpson Strong-Tie IXP anchor is a torque-controlled adhesive anchor that, when used with Simpson Strong-Tie® SET-XP epoxy, provides optimum performance in both cracked and uncracked concrete under a variety of adverse service conditions. The IXP anchor was rigorously tested according to ICC-ES AC308 and 2006 IBC requirements. The unique conical shape of the helix configuration enables the IXP anchor to mimic the follow-up expansion behavior of a torque-controlled expansion anchor when tension-zone cracks in the base material intersect the anchor location.

**CODES:** ICC-ES pending

**SET EPOXY-TIE®**

SET Epoxy-Tie epoxy is a two-component, 1:1 ratio, high solids epoxy-based adhesive for use as a high strength, non-shrink anchor grouting material. Resin and hardener are dispensed and mixed simultaneously through the mixing nozzle. SET meets or exceeds the ASTM C-881 specification for Type I, II, IV and V, Grade 3, Class B and C.

**CODES:** ICC-ES ESR-1772 (CMU & URM); City of L.A. RR25279; Florida FL 11506.4; Caltrans approved; multiple DOT listings; NSF/ANSI Standard 61 (216 in<sup>2</sup>/1000 gal), except SET1.7KTA. SET-PAC-EZ™ covered by ICC-ES, City of L.A. and NSF/ANSI listings only

**ET EPOXY-TIE®**

ET Epoxy-Tie is a two-component, high solids epoxy-based system for use as a high strength, non-shrink anchor grouting material. Resin and hardener are dispensed and mixed simultaneously through the mixing nozzle. ET meets the ASTM C-881 specifications for Type I, II, IV and V, Grade 3, Classes B and C, except gel time.

**CODES:** ICC-ES ER-4945 (URM); City of L.A. RR25185, RR25120; Florida FL 11506.2; Multiple DOT Listings

**AT ACRYLIC-TIE®**

Acrylic-Tie is a two component, high solids, 10:1 ratio acrylic based adhesive for use as a high strength, anchor grouting material. Formulated for use in all types of weather, AT is designed to dispense easily and cure at temperatures down to 0°F. Resin and initiator are dispensed and mixed simultaneously through the mixing nozzle. AT meets the physical requirements of ASTM C881, Type I & IV, Grade 3, Classes A, B & C, except Acrylic-Tie is a non-epoxy product formulated for fast cure time.

**CODES:** ICC-ES ER-5791\* (CMU & URM); City of L.A. RR25459\*; Florida FL 11506.1\*; NSF/ANSI Standard 61 (11 in<sup>2</sup>/5000 gal); Multiple DOT listings

\*Applies to all AT products except AT10