

# FASTENERS & ADHESIVES

Simpson Strong-Tie Anchor Systems has a full line of adhesives for your anchoring projects in concrete or masonry.

## SET® Epoxy-Tie Adhesive System

- Ideal for use with threaded rod to anchor hardware, fixtures and equipment to concrete.
- High strength: Forms a high strength bond with the base material without expansion forces. In some cases, stronger than the steel rod.
- Easy to use: The gel consistency makes it simple to use in horizontal or vertical applications.
- Moisture resistant: May be installed in damp environments. The bond will not break down in the presence of moisture.
- Low odor: No offensive odor or harmful fumes.
- May be installed in concrete, brick and concrete block. Adhesive screen required for hollow applications.
- Cures in 24 hours at 65°F.
- Available in 1.7, 10 and 22 ounce cartridges.

## AT® Acrylic-Tie Adhesive System

- Ideal for cold weather applications. Will cure in temperatures down to 0° F.
- Fast cure in temperatures at and above 60°F (1 hour or less).
- Flows easily in cold temperatures. No need to warm the cartridge.
- High strength: Forms a high strength bond with the base material without expansion forces. In some cases, stronger than the steel rod.
- Easy to use: The gel consistency makes it simple to use in horizontal or vertical applications.
- Moisture resistant: May be installed in damp environments. The bond will not break down in the presence of moisture.
- May be installed in concrete, brick and concrete block. Adhesive screen required for hollow applications.
- Available in 5, 8, 13 and 30 ounce cartridges.



The 10 oz. Set-Pac and 5 oz. Acrylic-Tie Fast-Pac dispense with a standard caulk gun tool.



The 1.7 oz. SET1.7KTA can be dispensed by hand or with a standard caulk gun tool.

Larger dual cartridges are available for larger projects (dedicated dispensing tool required).



### RETROFIT BOLTS

RFBs are pre-cut threaded rod, supplied with nut and washer. Use with Epoxy-Tie to anchor post bases in existing concrete and masonry. Offers a complete engineered anchoring system when used with the Epoxy-Tie. Inspection is easy, as the bolt head is stamped with the rod length and "No Equal" symbol for identification after installation.

**FINISH:** Zinc Plated. Some sizes available in HDG.



RFB Retrofit Bolt

Simpson Strong-Tie Anchor Systems has a full line of adhesives for your repair projects in concrete or masonry.

## CRACK-PAC® *Repair Cracks in Concrete with Epoxy*

**Epoxy injection is a proven method for repairing concrete cracks.**

- Chemically bonds with the concrete to restore strength: not just a crack filler.
- Seals the crack against moisture.
- Simple in-the-cartridge mixing: No worries about mixing ratios or extra tools.
- Totally portable: no external power source or expensive equipment needed.
- All accessories are disposable: no equipment to clean.

**Use Crack-Pac to repair all types of concrete columns, slabs, beams and walls:**

- Basement walls
- Residential and commercial foundations and slabs
- Swimming pools

Crack-Pac is also available in the Crack-Pac Injection Kit (Model ETIPAC10KT). The kit includes everything needed to pressure inject approximately 8 lineal feet of cracks. All of the material and accessories needed are included complete with detailed crack injection instructions.

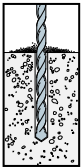


Use Crack-Pac in horizontal or vertical applications.

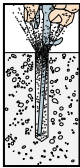


Contents of the Crack-Pac Kit

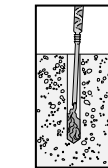
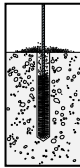
### How to Install Adhesive Anchors in Solid Base Material



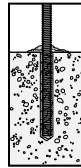
- 1. Drill**—Drill hole to specified diameter and depth.



- 2. Clean**—Remove dust from hole with oil-free compressed air. Clean with nylon brush and blow out remaining dust. **Note: Dust left in hole can reduce the adhesive's holding capacity.**



- 3. Fill**—Fill hole 1/2 - 2/3 full, starting from bottom of hole to prevent air pockets. Withdraw nozzle as hole fills up.



- 4. Insert**—Anchors must be clean and oil free. Insert anchor, turning slowly until the anchor contacts the bottom of the hole. Do not disturb during cure time.