

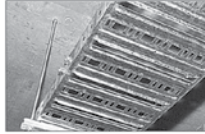


Code Compliant Concrete Anchors From TFC

Various building codes utilize the "Ultimate Strength Design" methodology when designing structural anchorages. This affects how and when post installed concrete anchors are specified and what products are suitable.

Designers must determine whether conditions exist that may cause the concrete to crack. If such conditions exist, anchors designed for use in cracked concrete must be specified. If there is no risk of concrete cracking, the designer may choose to specify anchors that can be used in uncracked concrete.

SNAKE™+ Internally Threaded Screw Anchor



Applications

- Suspending conduit
- Cable trays and strut
- Pipe supports
- Fire sprinklers
- Suspended lighting
- Tension zone areas

Codes

ICC-ES: ESR-2272, AC193
Code Compliant: 2006 IBC, 2006 IRC, 2003 IBC, 2003 IRC and 1997 UBC
Test Standard: ACI 355.2 / ACI 318
FM: File No. 3024502

WEDGE-BOLT™+ Heavy Duty Screw Anchor with a Finished Head



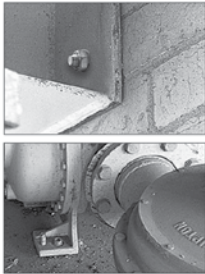
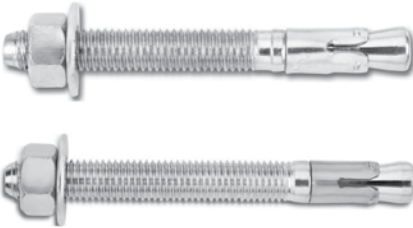
Applications

- Racking & shelving
- Ledgers
- Temporary attachments
- Retrofits, repairs and maintenance
- Fencing and railing
- Seismic and wind loading

Codes

ICC-ES: ESR-2526, AC193
Code Compliant: 2006 IBC, 2006 IRC, 2003 IBC, 2003 IRC and 1997 UBC
Test Standard: ACI 355.2 / ACI 318

POWERSTUD™+SD1 / SD2* Torque Controlled Wedge Expansion Anchor



Applications

- Structural connections
- Safety-related attachments
- Tension zone applications
- Retro-fit metal roof base attachment

Codes

ICC-ES
SD1: ESR-2818, AC193
SD2: ESR-2502, AC193
Code Compliant: 2006 IBC, 2006 IRC, 2003 IBC, 2003 IRC and 1997 UBC
Test Standard: ACI 355.2 / ACI 318
FM: File No. 3033795,
3/8" and 1/2" diameters

PE 1000 Epoxy Anchoring System



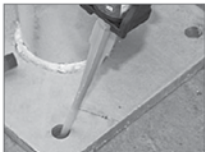
Applications

- Rebar doweling
- Guard rails
- Structural anchoring

Codes

ICC-ES: ESR-2583
Code Compliant: 2006 IBC, 2006 IRC, 2003 IBC, 2003 IRC, 2000 IBC, 2000 IRC, and 1997 UBC
Test Standard: ACI 318

AC100+GOLD Vinyl Ester Adhesive



Applications

- Rebar doweling
- Guard rails
- Structural anchoring
- Threaded rod

Codes

ICC-ES: ESR-2582
Code Compliant: 2006 IBC, 2006 IRC, 2003 IBC, 2003 IRC, 2000 IBC, 2000 IRC, and 1997 UBC
Test Standard: ACI 318



Snake, Wedge-Bolt, Powerstud, PE 1000, and AC100+Gold are trade names of Powers Fasteners