

Reports, Approvals and Listings

12/2/10

- BUILDING CODE EVALUATION REPORTS
- FEDERAL DESCRIPTIONS
- DEPARTMENT OF TRANSPORTATION LISTINGS
- UL LISTINGS AND FM APPROVALS
- POTABLE WATER CERTIFICATIONS

INTERNATIONAL CODE COUNCIL, EVALUATION SERVICES (ICC ES)

MECHANICAL & ADHESIVE ANCHORS

- **ESR-2818** Power-Stud+ SD1 Expansion Anchor in Cracked and Uncracked Concrete
- **ESR-2966** Power-Stud+ SD1 Expansion Anchor in Concrete Masonry Units (CMU)
- **ESR-2502** Power-Stud+ SD2 Expansion Anchor in Cracked and Uncracked Concrete
- **ESR-2526** Wedge-Bolt+ Screw Anchor in Cracked and Uncracked Concrete
- **ESR-1678** Wedge-Bolt+ Screw Anchor in Concrete Masonry Units (CMU)
- **ESR-2272** Snake+ Screw Anchor in Cracked and Uncracked Concrete
- NEW!** ● **ESR-2989** Vertigo+ Rod Hanger Screw Anchor in Cracked and Uncracked Concrete
- NEW!** ● **ESR-3067** Atomic+ Undercut Anchor System in Cracked and Uncracked Concrete
- NEW!** ● **ESR-3068** Tapper+ Screw Anchor in Uncracked Concrete
- **ESR-2582** AC100+ Gold Acrylic Adhesive Anchor System in Uncracked Concrete
- **ESR-2583** PE1000+ Epoxy Adhesive Anchor System in Cracked and Uncracked Concrete
- **ESR-3066** T308+ Epoxy Adhesive Anchor System in Uncracked Concrete

Important Notice: Clarification on the Use of the Conversion Factor " α " to Convert Strength Design (SD) to Allowable Stress Design (ASD) Found in ICC-ES Evaluation Service Reports (ESR's) for Post-Installed Anchors in Concrete.

FROM ICC-ES - GO TO: http://www.powers.com/pdfs/approvals/SD-ASD_Letter.pdf

POWER ACTUATED FASTENERS

- **ESR-1995** 8mm Head Spiral CSI Pin (0.157 Straight Shank) and 10mm Head Drive Pin (0.177 Straight Shank) Power-Driven Fasteners
- **ER-5330 - ESR-2024** Powers Power-Driven Fasteners, Ceiling Clip Assemblies and Sill Plate Anchorages (Various Shank Dias.)
- **ESR-2249** Trak-It C4 Fasteners (0.137 Tapered Shank, 0.145 Straight Shank & 0.102/0.145 Stepped Shank)
- **ER-6157 - ESR-2036** Trak-It Fasteners for Concrete, Masonry and Steel (0.102 Straight Shank & 0.102/0.120 Stepped Shank)

ICC-ES Reports May Be Obtained From One of the Web Addresses Listed:

FROM ICC-ES - GO TO: http://www.icc-es.org/Evaluation_Reports/index.shtml

FROM POWERS FASTENERS - GO TO: <http://powers.com/approvals.html>

CITY OF LOS ANGELES (COLA) BUILDING CODE RESEARCH REPORTS

MECHANICAL & ADHESIVE ANCHORS

- **LARR-25787** Power-Stud+ SD1 Anchor in Cracked and Uncracked Concrete
- NEW!** • **LARR-25864** Power-Stud+ SD1 Anchor in Concrete Masonry Units (CMU)
- **LARR-25831** Power-Stud+ SD2 Anchor in Cracked and Uncracked Concrete
- **LARR-25808** Wedge-Bolt+ Anchor in Cracked and Uncracked Concrete
- **LARR-25810** Snake+ Anchor in Cracked and Uncracked Concrete
- **LARR-25849** PE1000+ Adhesive Anchor System in Cracked and Uncracked Concrete

POWER ACTUATED FASTENERS

- **LARR-25304** Powder Actuated Fasteners, Ceiling Clip Assem. & Sill Plate Anchorage
- **LARR-25523** Trak-It Fasteners for Concrete, Masonry & Steel
- NEW!** • **LARR-25856** Trak-It C4 Fasteners

COLA Research Reports May Be Obtained From One of the Web Addresses Listed:

FROM CITY OF LA (COLA) – GO TO:

<http://netinfo.ladbs.org/rreports.nsf/Manufacturer?OpenView&Start=1&Count=1000&Expand=1#1>

FROM POWERS FASTENERS – GO TO: <http://powers.com/approvals.html>

MIAMI-DADE BUILDING CODE COMPLIANCE

Product Control - *Notices of Acceptance (NOA)*

- **NOA 10-0505.05** Tapper+ Screw Anchor for Concrete & Masonry
- **NOA 09-0714.04** Tapper Screw Anchor for Masonry
- **NOA 05-0701.10** Wedge-Bolt Screw Anchor

Miami-Dade Notices of Acceptance May Be Obtained From One of the Web Addresses Listed:

“TAPPER” FROM POWERS FASTENERS – GO TO:

<http://powers.com/pdfs/approvals/NOA09-0714.04.pdf>

“WEDGE-BOLT” FROM POWERS FASTENERS – GO TO:

<http://powers.com/pdfs/approvals/Miami-Dade%20Wedge-Bolt.pdf>

UNDERWRITERS LABORATORIES (UL)

For use with Pipe Hanger Equipment and Fire Protection Systems - *Product Listings*

- **File No. EX1289** Pipe Hanger Anchorage
 - Power-Bolt, Power-Stud, Lok-Bolt, Steel Dropin, Drive and Hollow-Set Dropin Anchors
 - Bang-It & Wood-Knocker Cast-in-place Inserts (Concrete Form Pours and Steel Decks) Inserts are classified and listed for use in air handling spaces
 - Power-Stud+ SD1
 - Power-Stud+ SD2
 - **File No. SA32979** Powder-Actuated Tools, Sniper
- Caulking and Sealant Listing - Flame and Smoke Spread Ratings
- **File No. R16754** PowerFoam/TriggerFoam Adhesive

Underwriters Laboratories Products Listings May Be Obtained From One of the Web Addresses Listed:

FROM UL – GO TO: <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FM GLOBAL (FACTORY MUTUAL) – FM APPROVALS DIVISION

For use with Pipe Hanger Components for Automatic Sprinkler Systems – **Product Approval File and Serial Numbers**

- **File No. J.I. 1K8A3.AH** Power-Bolt
- **File No. J.I. OK4A9.AH** Power-Stud, Steel Dropin, Drive and Set-Bolt
- **File No. J.I. OH5A4.AH** Power-Stud
- **Serial No. 26692 and File No. J.I. OJ8A1.AH & OJ9A9.AH** Lok-Bolt
- **File No. J.I. ON5A1.AH** Pipe Spike
- **Serial No. 15219/1952** Hollow-Set Dropin
- **File No. J.I. 3002071** Mini Dropin
- **File No. J.I. 3002070** Powder Actuated Threaded Studs
- **File No. J.I. 3015153** Vertigo, Bang-It & Wood-Knocker
- **File No. J.I. 3024502** Snake+
- **File No. 3033795** Power-Stud+ SD1, Power-Stud+ SD2

For FM Approvals on Powers Roofing Products, please contact our Customer Service Department at (914) 235-6300.

Factory Mutual Products Listings May Also Be Obtained From the Web Addresses Listed:

FROM UL – GO TO: http://www.approvalguide.com/CC_host/pages/public/custom/FM/login.cfm

FEDERAL PRODUCT DESCRIPTIONS

General Services Administration (GSA)

- **Commercial Item Descriptions (CID's)**

Available Commercial Item Descriptions May Be Obtained From the Web Address Listed:

FROM POWERS FASTENERS – GO TO: <http://powers.com/pdfs/approvals/CIDs.pdf>

POTABLE DRINKING WATER CERTIFICATION FROM NSF INTERNATIONAL (ANSI/NSF 61)

- **ANSI/NSF 61** PE1000+ Epoxy Adhesive
- **ANSI/NSF 61** AC100+ Gold Adhesive

Water Certification May Be Obtained From the Web Address Listed:

FROM POWERS FASTENERS – GO TO:
<http://www.nsf.org/Certified/PwsComponents/listings.asp?standard=061&company=4M370&>

POTABLE DRINKING WATER CERTIFICATION FROM WATER QUALITY ASSOC. (WQA)

- **ANSI/NSF 61** T308+ Epoxy Adhesive

Water Certification May Be Obtained From the Web Address Listed:

FROM POWERS FASTENERS – GO TO:
<http://powers.com/pdfs/approvals/T308+NSFANSI-61Certification.pdf>

U.S DEPARTMENT OF TRANSPORTATION (DOT) & CANADIAN MINISTRY OF TRANSPORT (MOT) PRODUCT LISTINGS

COMPLETE LISTING FROM POWERS FASTENERS – GO TO: http://powers.com/approvals_dot.html