

QPL Product Application

Product

Ref No.	Product	Category - Subcategory - Basecategory	Manufacturer	Representative
07-647- 1	SET High Strength Epoxy	Adhesives - Epoxy	Simpson Strong- Tie	F. Keith Bohren, P.E.

Representative

Name: F. Keith Bohren, P.E.
Address: 5956 W. Las Positas Blvd
City: Pleasanton
State: CA
Zip code: 94588
Phone: 235-670-9010
Fax: 253-661-3987
Email: kbohren@strongtie.com

Manufacturer

Name: Simpson Strong-Tie
Address: 5956 W. Las Positas Blvd.
City: Pleasanton
State: CA
Zip code: 94588
Phone: 800-999-5099
Fax: 925-833-1496
Website: www.simpsonanchors.com

General Questions

Description of Product

SET Epoxy-Tie High-Strength Adhesive by Simpson Strong-Tie is a cartridge type, two-component, solid epoxy based system dispensed and mixed through a static mixing nozzle supplied by the manufacturer. The adhesive shall meet the minimum requirements of ASTM C-881 Type I, II, IV and V, Grade 3, Class B and C. Code report: ICC-ES ESR-1772

Usage of product

Threaded rod anchoring, rebar doweling, bonding hardened concrete to hardened concrete or paste-over for crack injection.

Benefits to DOT&PF

SET epoxy has very high strength and is cost competitive.

State DOT approvals

Please see all other DOT approvals at: http://www.simpsonanchors.com/technicalinfo/dot_approvals.html
MSDS info at: <http://www.simpsonanchors.com/pdf/msds/T-SAS-ETMSD07.pdf>

Evaluation procedures

ICC Code report ESR-1772:

http://www.simpsonanchors.com/pdf/codes/previous_reports/ESR1772_prev.pdf Tested to Acceptance Criteria for Adhesive Anchors in Concrete and Masonry Elements (AC58) for the following: seismic and wind loading, Long term creep at elevated temperatures, Static loading at elevated temperatures, Damp and water-filled holes, Freeze-thaw conditions, Critical and minimum edge distance and spacing

Comments

See MSDS info at: <http://www.simpsonanchors.com/pdf/msds/T-SAS-SETMSD07.pdf> See AASHTO standard testing below ASTM standard C-881 standard testing has also been completed Please let me know if there is anything additional I need to do. wallen@strongtie.com or 415-559-9038

Are samples Available? Yes

Materials safety data sheets (MSDS)? Yes

Testing and Reporting

Specifications

Agency Specifications
DOT&PF

Attachments

Agency	Specification	Report Name	Testing Date	Uploaded File
ASTM			08/24/2007	SET FHA Submittal.pdf
AASHTOM235-03		AASHTO M235-03 Compliance_04-28-08	04/28/2008	AASHTO M235-03 Compliance_04-28-08.pdf