

QPL Product Application

Product

Ref No.	Product	Category - Subcategory - Basecategory	Manufacturer	Representative
07-648-1	ET Epoxy-Tie	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
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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

Epoxy-Tie Adhesive (ET) is a cartridge type, two-component, solid epoxy based system dispensed and mixed through a static mixing nozzle supplied by the manufacturer. The adhesive meets the minimum requirements of ASTM C-881 Type I, II, IV and V, Grade 3, Class B and C. ET code report: ICC-ES ESR-4945.

Usage of product

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

Benefits to DOT&PF

ET adhesive passes all ASTM standards but is also cost competitive.

State DOT approvals

See link below for 24 states with DOT approvals of the "ET" product at:
http://www.simpsonanchors.com/technicalinfo/dot_approvals.html

Evaluation procedures

ICC-ES code report ICC-ESR 4945:

http://www.simpsonanchors.com/pdf/codes/previous_reports/ER4945_prev.pdf "ET" was tested in accordance with ICC-ES's Acceptance Criteria for Adhesive Anchors in Concrete and Masonry Elements (AC 58) 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

Samples are available. MSDS info: <http://www.simpsonanchors.com/pdf/msds/T-SAS-ETMSD07.pdf> AASHTO standard M-235 testing is attached. Please contact me if there is anything else I need to do Wendy Allen 415-559-9038 or wallen@strongtie.com

Are samples Available? Yes

Materials safety data sheets (MSDS)?

N/A

Testing and Reporting

Specifications

Agency Specifications
 DOT&PF

Attachments

Agency	Specification	Report Name	Testing Date	Uploaded File
AASHTOM-235	91	ET FHA Submittal	03/27/2003	ET FHA Submittal.pdf
AASHTOM235-03		AASHTO M235-03 Compliance_04-28-08	04/28/2008	AASHTO M235-03 Compliance_04-28-08.pdf