

# QPL Product Application

## Product

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|          |                  |                                       |                    |                       |
|----------|------------------|---------------------------------------|--------------------|-----------------------|
| Ref No.  | Product          | Category - Subcategory - Basecategory | Manufacturer       | Representative        |
| 07-650-1 | Acrylic-Tie (AT) | Adhesives                             | Simpson Strong-Tie | F. Keith Bohren, P.E. |

### Representative

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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

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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

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### Description of Product

Acrylic-Tie Adhesive (AT) by Simpson Strong-Tie is a cartridge type, two-component, acrylic based system dispensed and mixed through a static mixing nozzle supplied by the manufacturer. The adhesive shall meet the minimum physical requirements of ASTM C-881 Type I and IV, Grade 3, Class A, B and C. ICC code report: ER-5791

### Usage of product

Threaded rod anchoring and rebar doweling.

### Benefits to DOT&PF

Acrylic-Tie cures down to 0 degrees F, may be utilized during most of the year. High strength and cost competitive.

### State DOT approvals

See list for AT approvals in 28 states [http://www.simpsonanchors.com/technicalinfo/dot\\_approvals.html](http://www.simpsonanchors.com/technicalinfo/dot_approvals.html)

### Evaluation procedures

ICC Code Report: ER-5791 [http://www.simpsonanchors.com/pdf/codes/previous\\_reports/ER5791\\_prev.pdf](http://www.simpsonanchors.com/pdf/codes/previous_reports/ER5791_prev.pdf)  
 Acrylic-Tie has been 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

MSDS: <http://www.simpsonanchors.com/pdf/msds/T-SAS-ATMSD07.pdf> Please contact me if there is anything else you need [wallen@strongtie.com](mailto:wallen@strongtie.com) or 415-559-9038

Are samples Available? Yes

Materials safety data sheets (MSDS)? Yes

## Testing and Reporting

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### Specifications

Agency Specifications  
 DOT&PF

### Attachments

|                      |             |         |               |
|----------------------|-------------|---------|---------------|
| Agency Specification | Report Name | Testing | Uploaded File |
|----------------------|-------------|---------|---------------|

|               |                              |                                       | Date  |
|---------------|------------------------------|---------------------------------------|---|
| ASTM          | C881-90 (except gel<br>time) | 8165.gif and 816a.jpeg                | 01/30/2003 816a1.gif                                  |
| ASTM          | C881-90                      | 81612.pdf                             | 08/11/1999 81612.pdf                                  |
| AASHTOM235-03 |                              | AASHTO M235-03<br>Compliance_04-28-08 | 04/28/2008 AASHTO M235-03 Compliance_04-<br>28-08.pdf |