

Illinois Department of Transportation  
 Bureau of Materials and Physical Research  
**APPROVED/QUALIFIED PRODUCT LIST OF CHEMICAL ADHESIVES**  
**April 8, 2015**

This list supersedes the April 3, 2015 "Approved List Of Chemical Adhesives" list.

Standard Specifications for Road and Bridge Construction Section 1027 (current year issued)  
 Bridge Manual Base Sheet ABB-1  
 Material Code: 42751 & 42752

**For information regarding new product submittal, click the "New Submittal" bookmark to the left.**

<p>Adhesive Technologies                  450 East Copans Road                  Pompano Beach, FL 33064                  Krista Maroni                  Manager of DOT Approvals                  (954) 782-2221 Ext 2313                  Producer Number: 4193-02  <b>"Ultrabond 365"</b>  <b>"RT66 SF"</b></p> <p><a href="http://www.atcepoxy.com/">http://www.atcepoxy.com/</a></p>	<p>Dayton Superior                  3101 Gardner                  Kansas City, MO 64120                  Lisa Weazer                  (800) 821-5846                  (937)-866-0711                  Producer Number: 494-09  <b>"Pro-Poxy 400"</b></p> <p><a href="http://www.daytonsuperior.com/default.aspx">http://www.daytonsuperior.com/default.aspx</a></p>	<p>Hilti, Incorporated                  P.O. Box 21148                  Tulsa, OK 74121                  Scott Pfeifer                  Senior Field Engineer                  (800) 879-8000 , Ext. 1027005                  Producer Number: 3698-01  <b>"HVA or HVU"</b>** Method = 2  <b>"HIT HY-150"</b>  <b>"HIT HY-150 MAX"</b>  <b>"HIT HY-200R"</b>  <b>"HY-10 +"</b></p> <p><a href="http://us.hilti.com/">http://us.hilti.com/</a></p>
<p>ITW Ramset/Red Head                  1300 North Michael Drive                  Wood Dale, IL 60191                  Mark S. Timmerman                  Project Engineer                  (708) 350-3070                  Producer Number: 4360-01  <b>"Epcon Maxima 7"</b> Method = 2  <b>"Epcon Impact"</b> Method = 1  <b>"Epcon A7 Acrylic"</b></p> <p><a href="http://www.ramset-redhead.com/">http://www.ramset-redhead.com/</a></p>	<p>Kelken Construction Systems                  550 Hartle Suite C                  Sayreville, NJ 08872                  Producer Number: 3754-02  <b>"Keligrout 101P"</b></p> <p><a href="http://www.kelken.com/">http://www.kelken.com/</a></p>	<p>MKT Fastening, LLC                  1 Gunnebo Dr.                  Lonoke, AR 72086                  Jerrell Boyette                  (800)-336-1640 Ext 731                  Producer Number: 5648-01  <b>"MKT-LR Method 2"</b>  <b>"LiquidRoc 700"</b>  <b>"Liquid Roc 300"</b></p> <p><a href="http://www.mktfastening.com/">http://www.mktfastening.com/</a></p>
<p>Powers Fasteners                  2472 Wisconsin Ave                  Downers Grove, IL 60515                  Jeff Warmolts                  (630) 370-4501                  Producer Number: 5551-01  <b>"Acrylic 100+"</b>  <b>"AC 50 Silver"</b>  <b>"AC100+ Gold"</b>  <b>"ChemStud"</b> Method = 2  <b>"Hammer Capsule"</b> Method = 1</p> <p><a href="http://www.powers.com/">http://www.powers.com/</a></p>	<p>SIKA Corporation                  201 Polito Avenue                  Lyndhurst, NJ 07071                  Robert Lansdown                  (201) 933-8800                  (219)448-1416                  Producer Number: 2231-01  <b>"Sikadur Anchor Fix-2"</b>  <b>"Sikadur Anchor Fix-2 Arctic"</b></p> <p><a href="http://www.sikaconstruction.com/">http://www.sikaconstruction.com/</a></p>	<p>Simpson Strong-Tie Co., Inc.                  2600 International St.                  Columbus, OH 43228                  David Cooper                  Anchoring system Specialist                  9773)-459-0921                  Producer Number: 5450-01  <b>"VGC"</b> Method = 2  <b>"Acrylic-Tie™ AT"</b></p> <p><a href="http://www.simpsonanchors.com/">http://www.simpsonanchors.com/</a></p>
<p>W.R. Meadows                  P.O. Box 338                  Hampshire, IL 60140                  Steven T. Geiger                  Chemist                  (847) 683-4500                  Producer Number: 1266-02  <b>"Sealtight Poly-Grip"</b></p> <p><a href="http://www.wrmeadows.com/#">http://www.wrmeadows.com/#</a></p>	<p>Unitex                  3101 Gardner                  Kansas City, Mo 64120                  Scott Bain                  (800) 821-5846                  Producer Number: 4182-01  <b>"Pro-Poxy 400"</b></p> <p><a href="http://www.unitex-chemicals.com">http://www.unitex-chemicals.com</a></p>	

Note: 1 = Glass Capsule Installation Method = Hammer-in  
 2 = Glass Capsule Installation Method = Spin-in

**Chemical Adhesives**  
**Submittal for Testing and Approval**

Effective: June 15, 2007

Revised [September 11, 2015](#)

**A. Scope**

Before a chemical adhesive is used for a Department project, it will be tested and approved. The following guidelines are provided to clarify the submittal requirements and expedite the testing process.

**B. Procedure**

When submitting a new chemical adhesive to the Department, the following shall be included in the certification:

- Manufacturer name and internet address (if applicable),
- The specific product brand name,
- Material Safety Data Sheet,
- Technical Data Sheet,
- A signed letter stating the subject material will not be changed without written notification to the Department, and
- Contact person's name, title, address, email address, and phone number.

The manufacturer shall submit three (3) samples of the subject material and blending tubes or ten (10) glass capsules intended for use on Department projects. If the Department does not have the dispensing device, the manufacturer shall supply the appropriate device used to apply the adhesive.

The sample and certification shall be sent to:

Scott Hughes  
Illinois Department of Transportation  
Bureau of Materials & Physical Research  
126 East Ash Street  
Springfield, IL 62704-4766

Any sample provided without the required information listed will not be tested. Any changes in the formulation outside the manufacturer's original parameters will necessitate a new sample submittal.

Submitted materials will be tested according to the Department's "Illinois Test Procedure 601".

The manufacturer will be notified when the sample testing is complete. For questions regarding the testing and approval process, contact Scott Hughes at 217-[524-6866](tel:217-524-6866).

**C. Recertification**

Annual recertification of all chemical adhesives is required. During the last quarter of the calendar year, a recertification letter will be sent to the manufacturer. The recertification paperwork is due by mid January of the following year. The recertification process assures the manufacturer that his/her product will remain on the approved list for a period of one calendar year.

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**Instructions for Acknowledgement by Company:**

The owner, partner, or corporate officer shall complete the following and return a signed and dated copy with the product submittal or recertification.

\_\_\_\_\_ desires to obtain approval of materials to be  
(insert name of company)  
supplied to Department of Transportation contractors as more fully described herein. I  
and \_\_\_\_\_ understand that the Department of Transportation  
(insert name of company)  
reserves the right in its contracts to approve materials at the source of supply as  
provided in Article 106.01 of the Standard Specifications for Road and Bridge  
Construction. I and \_\_\_\_\_ further understand that approval of  
(insert name of company)  
company supplied material pursuant to this request does not constitute a contract to  
supply material to the State of Illinois or any of its contractors, and that the Department  
of Transportation does not assure or guarantee that any materials approved hereunder  
will be supplied to the State or any of its contractors. In consideration of approval, I and  
\_\_\_\_\_ agree to the terms, conditions and performance  
(insert name of company)  
standards of the Standard Specifications for Road and Bridge Construction.

Type of Company:    Individual     Partnership     Corporation

Company Name \_\_\_\_\_

Printed Name \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Business Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_

Date of Signature \_\_\_\_\_