

Illinois Department of Transportation  
Bureau of Materials and Physical Research  
**APPROVED LIST OF CHEMICAL ADHESIVES**  
**May 8, 2009**

This list supersedes the October 10, 2008 "Approved List Of Chemical Adhesives" list.

Standard Specifications for Road and Bridge Construction Section 1027 (Adopted January 1, 2007)  
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 Richard Boland Plant Manager (800) 892-1880 Producer Number: 4193-02 "Ultrabond Glass Capsules" Method = 2 "Ultrabond Speedset 2" "Ultrabond A1" "Ultrabond 365" <a href="http://www.atc.ws/">http://www.atc.ws/</a></p>	<p>Hilti, Incorporated P.O. Box 21148 Tulsa, OK 74121 Scott Pfeifer Senior Field Engineer (800) 879-6000 , Ext. 7571 Producer Number: 3698-01 "HVA or HVU"* Method = 2 "HIT HY-150" "HIT HY-150 MAX"  <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 "Epccon Maxima 7" Method = 2 "Epccon Impact" Method = 1 "Acrylic 7 (A7)"  <a href="http://www.ramset-redhead.com/">http://www.ramset-redhead.com/</a></p>
<p>Kelken Construction Systems 3220 Bordentown Ave. Parlin, NJ 08859 Producer Number: 3754-01 "Keligrout 101P"  <a href="http://www.kelken.com/">http://www.kelken.com/</a></p>	<p>Liebig International, Inc. 1545 Avon St. Extended Charlottesville, VA 22902 Producer Number: 4745-01 "M-NR" Method = 2  <a href="http://www.simpsonanchors.com/">http://www.simpsonanchors.com/</a></p>	<p>MKT Fastening, LLC 1 Gunnebo Dr. Lonoke, AR 72086 Producer Number: 5648-01 "LiquidRoc 300" "LiquidRoc 700" "LiquidRoc 300" Method = 2 <a href="http://www.mktfastening.com/">http://www.mktfastening.com/</a></p>
<p>Powers Fasteners 27W130 Roosevelt Road, Suite LL1 Winfield, IL 60190 Jeff Warmolts (630) 370-4501 Producer Number: 5551-01 "Acrylic 100+" "AC100+ Gold" "ChemStud" Method = 2 "Hammer Capsule" Method = 1 <a href="http://www.powers.com/">http://www.powers.com/</a></p>	<p>SIKA Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tom Buchmiller (800) 933-7452 Producer Number: 2231-01 "Sikadur Anchor Fix-2"  <a href="http://www.sikaconstruction.com/">http://www.sikaconstruction.com/</a></p>	<p>Simpson Strong-Tie Co., Inc. 2600 International St. Columbus, OH 43228 Ken Hansen Anchoring system Specialist (614) 876-8060 Producer Number: 5450-01 "VGC" Method = 2 "Acrylic-Tie™ AT"  <a href="http://www.simpsonanchors.com/">http://www.simpsonanchors.com/</a></p>
<p>Unitex 3101 Gardner Kansas City, Mo 64120 Jerry Byrne (800) 821-5846 Producer Number: 4182-01 "Pro-Poxy 400"  <a href="http://www.unitex-chemicals.com">http://www.unitex-chemicals.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 "Sealtight Poly-Grip"  <a href="http://www.wrmeadows.com/#">http://www.wrmeadows.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

**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:

Ed 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 Ed Hughes at 217-782-4689.

**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 \_\_\_\_\_