

Illinois Department of Transportation
Bureau of Materials and Physical Research
APPROVED LIST OF CHEMICAL ADHESIVES
May 4, 2012

This list supersedes the April 27, 2012 "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 Susan Bogdan Manager of DOT Approvals (954) 782-2221 Ext 177 Producer Number: 4193-02 "Ultrabond Speedset 2" "Ultrabond 365" http://www.atc.ws/</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" "HY-10 +" http://us.hilti.com/</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 "Epcon Maxima 7" Method = 2 "Epcon Impact" Method = 1 "Acrylic 7 (A7)" http://www.ramset-redhead.com/</p>
<p>Kelken Construction Systems 3220 Bordentown Ave. Parlin, NJ 08859 Producer Number: 3754-01 "Keligrout 101P" http://www.kelken.com/</p>	<p>Liebig International, Inc. 1545 Avon St. Extended Charlottesville, VA 22902 Producer Number: 4745-01 "M-NR" Method = 2 http://www.simpsonanchors.com/</p>	<p>MKT Fastening, LLC 1 Gunnebo Dr. Lonoke, AR 72086 Producer Number: 5648-01 "LiquidRoc 300" "LiquidRoc 700" "LiquidRoc 300" Method = 2 http://www.mktfastening.com/</p>
<p>Powers Fasteners 2472 Wisconsin Ave Downers Grove, IL 60515 Jeff Warmolts (630) 370-4501 Producer Number: 5551-01 "Acrylic 100+" "AC 50 Silver" "AC100+ Gold" "ChemStud" Method = 2 "Hammer Capsule" Method = 1 http://www.powers.com/</p>	<p>SIKA Corporation 201 Polito Avenue Lyndhurst, NJ 07071 Tom Buchmiller (800) 933-7452 Producer Number: 2231-01 "Sikadur Anchor Fix-2" http://www.sikaconstruction.com/</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" http://www.simpsonanchors.com/</p>
<p>Unitex 3101 Gardner Kansas City, Mo 64120 Jerry Byrne (800) 821-5846 Producer Number: 4182-01 "Pro-Poxy 400" http://www.unitex-chemicals.com</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" http://www.wrmeadows.com/#</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: July 31, 2009

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 "[Chemical Admixtures](#)".

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 _____