

Illinois Department of Transportation
Bureau of Materials

Qualified Product List
CHEMICAL ADHESIVE

March 22, 2024

The list supersedes the **March 10, 2023** list.

Standard Specifications for Road and Bridge Construction Section 1027 (current year issued)

Section 1027: Chemical Adhesive

1027.01 Chemical Adhesive Resin System

4193-02 Adhesive Technologies , 450 East Copans Road, Pompano Beach, FL 33064			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	ASF-1000 ULTRABOND ACRYL-8CC ULTRABOND ASF-2000
7192-01 Aerosmith Fastening Systems , 5621 Dividend Road, Indianapolis, IN 46241			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	ACR-10 ACR-28
7258-01 Allfasteners USA LLC , 959 Lake Road, Medina, OH 44256			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	VF200PRO (as manufactured by Adhesive Technologies 4193-02)
494-09 Dayton Superior , 3101 Gardner, Kansas City, MO 64120			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	Pro-Poxy 400 J51 AW ProAnchor WeatherMax
3698-01 Hilti, Incorporated , P.O. Box 21148, Tulsa, OK 74121			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	HIT-HY 100, HIT-HY 200, HIT-HY 10 PLUS, HIT-HY 200-R V3
42752	Chemical Adhesive, Capsule	1027.01	HVU (Note 1,2)

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4360-08 ITW CCNA , 700 High Grove Blvd., Glendale Heights, IL 60139			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	Epcon A7 Acrylic, Red Head A7+
3754-02 Kelken Construction Systems , 550 Hartle Suite C, Sayreville, NJ 08872			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	KeligROUT™ 101P
5648-01 MKT Fastening, LLC , 1 Gunnebo Drive, Lonoke, AR 72086			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	Liquid Roc 200 (Note 1), Liquid Roc 300 Twin Tube, Liquid Roc 700+
42752	Chemical Adhesive, Capsule	1027.01	Liquid Roc 300 Capsule (Note 1,3)
7179-01 DEWALT , 701 East Joppa Road. Towson, MD 21286			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	AC50 Silver, AC100+Gold, DEWALT AC50, DEWALT AC100+Gold, DEWALT AC200+
42752	Chemical Adhesive, Capsule	1027.01	Hammer-Capsule (Note 1,3)
2231-01 SIKA Corporation , 201 Polito Avenue, Lyndhurst, NJ 07071			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	Sika® Anchor Fix-2, Sika® Anchor Fix-2 Arctic Sika Anchor Fix 2020

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1266-02 W.R. Meadows , P.O. Box 338, Hampshire, IL 60140			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	SEALTIGHT® POLY-GRIP™

5450-02 Simpson Strong-Tie Company, Inc. , 5956 W. Las Pasitas Blvd. Pleasanton, CA 94588			
IDOT Material Code	Product Description	Article #	Product Name(s)
42751	Chemical Adhesive, Cartridge	1027.01	AT-3G

Note 1: Vertical Applications only (Anchor Rods, Rebar, etc.)

Note 2: Capsule Installation Method 1 = Hammer-in

Note 3: Capsule Installation Method 2 = Spin-in

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1027.01 Chemical Adhesive Resin System

Submittal for Testing and Approval

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,
- 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.
- Acknowledgement by Company (Form [BMPR 101](#)). If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the Acknowledgment by Company with your product submittal.

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:

Illinois Department of Transportation
Bureau of Materials
Attn : Tom Sonnek
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 for Chemical Adhesives](#).

The manufacturer will be notified when the sample testing is complete. For questions regarding the testing and approval process, contact Tom Sonnek (217) 782-4666.

C. Recertification

Annual recertification of all chemical adhesives is required. It will be the responsibility of the Producer to send in the annual recertification paperwork by January 1st of each year. If the recertification paperwork is not received by due date, the Producer will be removed from the Qualified Product List. The documentation needed for the recertification is outlined above. The annual recertification process assures the manufacturer that his/her product will remain on the approved list for a period of one calendar year.