

Illinois Department of Transportation
Bureau of Materials

Qualified Product List
CHEMICAL ADHESIVE

May 20, 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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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 : [Michael Aldridge](#)
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 [Michael Aldridge](#) at (217) 558-2091.

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.