

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List

**AIR-ENTRAINING ADMIXTURES FOR CONTROLLED LOW-STRENGTH MATERIAL (CLSM)**

**July 26, 2024**

This list supersedes the [May 12, 2023](#) list.  
Standard Specifications for Road and Bridge Construction, Section 1019

Master Builders Solutions Admixtures US  
23700 Chagrin Blvd.  
Cleveland, OH 44122-5554  
Phone: 216-839-7500  
Mr. Mark Piechuta  
Producer/Supplier No. 4179-04  
Material Code No. 42192  
[www.master-builders-solutions.com](http://www.master-builders-solutions.com)  
"MASTERCELL 25" (1)(P)

Euclid Chemical Company  
19320 Redwood Road  
Cleveland, OH 44110  
Phone: 216-692-8305  
800-321-7628  
Mr. Brian Lewis  
Producer/Supplier No. 614-01  
Material Code No. 42187  
[www.euclidchemical.com](http://www.euclidchemical.com)  
"EUCON EASY FILL" (1)(L)

GCP Applied Technologies  
100 Research Drive  
Wilmington, MA 01887  
Phone: 617-498-2639  
Mr. Bob Hoopes  
Producer/Supplier No. 767-01  
Material Code No. 42145  
[www.GCPat.com](http://www.GCPat.com)  
"DARAFILL" (1)(L)

RussTech, Inc.  
11208 Decimal Drive  
Louisville, KY 40299  
Phone: 502-267-7700  
Ms. Kathi Showalter  
Producer/Supplier No. 3988-01  
Material Code No. 42144  
[www.russtech.net](http://www.russtech.net)  
"RSA-10" (1)(L)

RussTech, Inc.  
11208 Decimal Drive  
Louisville, KY 40299  
Phone: 502-267-7700  
Ms. Kathi Showalter  
Producer/Supplier No. 3988-01  
Material Code No. 42191  
[www.russtech.net](http://www.russtech.net)  
"RUSS-FLO" (1)(P)

Sika Corporation  
201 Polito Avenue  
Lyndhurst, New Jersey 07071  
Phone: 330-495-0109  
Mr. Nathaniel Artman  
Producer/Supplier No. 2231-01  
Material Code No. 42190  
[www.usa.sika.com](http://www.usa.sika.com)  
"SIKA LIGHTCRETE POWDER" (1)(P)

(1) Dosage rate shall be according to Manufacturer's recommendation.

(P) Powder form

(L) Liquid form

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List

**AIR-ENTRAINING ADMIXTURES FOR CONTROLLED LOW-STRENGTH MATERIAL (CLSM)**

**July 26, 2024**

This list supersedes the [May 12, 2023](#) list.  
Standard Specifications for Road and Bridge Construction, Section 1019

**Submittal for Testing and Approval**

**A. Scope**

The following guidelines are provided to clarify the submittal requirements and expedite the testing process for approving air-entraining admixture for controlled low-strength material (CLSM) according to Section 1019 of the Standard Specifications for Road and Bridge Construction.

**B. Procedure**

Initial Submittal. Initial submittals shall include the following information:

- The specific product brand name,
- A letter stating what dosage rate of the product should be used [for the air content to fall within the range specified for Department Mix 2 according to Section 1019.05,](#)
- [An electronic link, electronic file, or hardcopy of the Safety Data Sheet,](#)
- [An electronic link, electronic file, or hardcopy of the Technical Data Sheet,](#)
- A signed letter stating the subject material will not be changed without written notification to the Department,
- Contact person's name, title, address, email address, and phone number, and
- 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 Acknowledgement by Company form with your product submittal.

Initial submittal information shall be sent to:

Daniel Tobias ([daniel.tobias@illinois.gov](mailto:daniel.tobias@illinois.gov))  
Illinois Department of Transportation  
Bureau of Materials  
126 East Ash Street  
Springfield, IL 62704-4766

Evaluation of initially submitted information will determine if a product is tentatively approved.

Final Submittal. Final approval and inclusion on the QPL requires demonstrating that the product can entrain air within the range specified for Department Mix 2 according to Section 1019.

After tentative approval, the Department will indicate to the manufacturer if it will initiate testing within 30 days of receipt of a product sample. If the Department will not initiate testing within this 30 day window, the manufacturer shall have the option to submit test results from an independent laboratory in lieu of testing by the Department. Independent laboratory testing shall be conducted in accordance Section 1019 and standard accepted practices. Test results shall not be more than 5 years old from date of initial submittal.

[When providing a sample \(if required\),](#) the manufacturer shall submit sufficient product to make one cubic yard of material [for which the air content is within range specified in Section 1019.](#) A copy of the Supplemental Safety Information shall also be provided.

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List  
**AIR-ENTRAINING ADMIXTURES FOR CONTROLLED LOW-STRENGTH MATERIAL (CLSM)**  
**July 26, 2024**

This list supersedes the [May 12, 2023](#) list.  
Standard Specifications for Road and Bridge Construction, Section 1019

The sample shall be sent to:

Melinda Winkelman  
Illinois Department of Transportation  
Bureau of Materials  
126 East Ash Street  
Springfield, IL 62704-4766

Any sample provided without the required information listed will not be tested. Any indicated changes in the formulation that are outside of the manufacturer's initial submittal will necessitate a complete restart of the approval procedure.

The manufacturer will be notified when the sample testing (or evaluation of submitted test data) is complete and if the product has attained final approval for inclusion on the QPL. For questions regarding the testing and approval process, contact Daniel Tobias at [daniel.tobias@illinois.gov](mailto:daniel.tobias@illinois.gov).

**C. Recertification**

Recertification is generally required every 5 years and shall follow the procedures outlined above for new submittals especially if all test data is of approximately the same age, the Safety and Technical Data Sheets have only minor or no editorial changes, and the product name remains the same.

Intermittent piecemeal re-submittals of required information outlined in the procedures above are also permitted and may be required in order to remain certified. For example, product name changes, and significant revisions to Safety Data and/or Technical Data Sheets shall be resubmitted in a timely fashion. And, at no time, shall any required test results exceed 5 years old. As such, when air content test results in accordance with Section 1019 are a maximum of 4 ½ years old; at a minimum, retesting shall commence such that resubmittal and recertification can be achieved in a timely fashion.