

Illinois Department of Transportation
Bureau of Materials

Qualified Product List

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

May 12, 2023

This list supersedes the [January 7, 2022](#) list.

Standard Specifications for Road and Bridge Construction, Section 1019 (Adopted January 1, 2022)

For information regarding new product submittal, click the "New Submittal" bookmark to the left.

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
"MASTERCELL 25" (1)(P)

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
"RSA-10" (1)(L)

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
"EUCON EASY FILL" (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
"RUSS-FLO" (1)(P)

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
"DARAFILL" (1)(L)

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
"SIKA LIGHTCRETE POWDER" (1)(P)

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

(P) Powder form

(L) Liquid form

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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

When submitting an air-entraining admixture for CLSM to the Department, the following shall be included in the certification:

- The specific product brand name,
- A letter stating what dosage rate of the product should be used to attain 15-25% air content for Department Mix 2 (see Section 1019.05),
- Safety Data Sheet and Supplemental Safety Information (SSI) if necessary,
- 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.

The manufacturer shall submit sufficient product to make one cubic yard of material at 15-25% air content.

The sample and submittal information 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 changes in the formulation outside the manufacturer's original parameters will necessitate a new sample submittal.

The manufacturer will be notified when the sample testing is complete. For questions regarding the testing and approval process, contact Melinda Winkelman at 217-782-0117.

C. Recertification

Annual recertification of all air-entraining admixtures for CLSM is required. During the last quarter of the calendar year, a recertification letter will be sent to the manufacturer. The recertification paperwork is due January of the following year. For example, the recertification letter is mailed late November 2022 and due by mid-January of 2023.