

Illinois Department of Transportation  
Bureau of Materials and Physical Research  
**APPROVED LIST OF AIR-ENTRAINING ADMIXTURES  
FOR CONTROLLED LOW-STRENGTH MATERIAL (CLSM)  
February 10, 2012**

This list supersedes the February 25, 2011 list.  
Standard Specifications for Road and Bridge Construction, Section 1019 (Adopted January 1, 2012)

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

BASF Admixtures, Inc.  
23700 Chagrin Blvd.  
Cleveland, OH 44122-5554  
Phone: 216-839-7500  
Mark Piechuta  
Producer/Supplier No. 4179-04  
Material Code No. 42152  
[www.basf-admixtures.com](http://www.basf-admixtures.com)  
"RHEOCELL RHEOFILL" (1)(P)

W. R. Grace & Co.-Conn.  
62 Whittemore Ave.  
Cambridge, MA 02140-1692  
Phone: 617-498-4555  
Denise I. White  
Producer/Supplier No. 767-01  
Material Code No. 42145  
[www.grace.com](http://www.grace.com)  
"DARAFILL" (1)(L)

RussTech, Inc.  
11208 Decimal Drive  
Louisville, KY 40229  
Phone: 502-267-7700  
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 40229  
Phone: 502-267-7700  
Kathi Showalter  
Producer/Supplier No. 3988-01  
Material Code No. 42175  
[www.russtech.net](http://www.russtech.net)  
"RUSS-FLO" (1)(P)

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Dosage rate shall be according to Manufacturer's recommendation.  
(P) Powder form (L) Liquid form

**Air-Entraining Admixtures for Controlled Low-Strength Material (CLSM)  
Submittal for Testing and Approval**

Effective: July 27, 2007  
Revised: March 6, 2009

**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](#)<sup>1</sup>.

**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](#)),
- Material Safety Data Sheet,
- 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 (see next page).

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 & 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.

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 2009 and due by mid January of 2010.

<sup>1</sup> <http://www.dot.il.gov/desenv/hwyspecs.html>

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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 advance 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 \_\_\_\_\_