

Illinois Department of Transportation
Bureau of Materials

Qualified Product List
FOAMING AGENTS FOR CELLULAR CONCRETE
July 26, 2024

This list supersedes the May 3, 2024 list.
Standard Specifications for Road and Bridge Construction, Section 1029
Guide Bridge Special Provision (GBSP) "Lightweight Cellular Concrete Fill"

Aerix Industries
7020 Snowdrift Road
Allentown, PA 18106
Phone: (610) 663-5743
Attn: Ms. Samantha McNerney
Producer/Supplier No. 6985-01
Material Code 43603
www.aerixindustries.com
"Aerlite"

Elastizell Corporation of America
7900 Second Street
Dexter, MI 48130
Phone: (734) 426-6076
Attn: Mr. Mark Creps
Producer/Supplier No. 418-01
Material Code 43604
www.elastizell.com
"Elastizell JLE"

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Submittal for Approval

A. Scope

The following guidelines are provided to clarify the submittal requirements for approving foaming agents for cellular concrete according to Section 1029 of the Standard Specifications for Road and Bridge Construction and the Guide Bridge Special Provision (GBSP) "Lightweight Cellular Concrete Fill".

B. Procedure

When submitting a foaming agent for cellular concrete to the Department, the following shall be included in the certification:

- The specific product brand name,
- A signed and dated letter and report certifying the product is in compliance with ASTM C 869 and an infrared spectrophotometer trace (IR) of current production material according to Section 1029 of the Standard Specifications and the GBSP "Lightweight Cellular Concrete Fill". The IR scan shall be labeled with the date the scan was performed, the product name, and the manufacturer's name. (Submitted test results by an independent lab shall not be more than 5 years old),
- 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, submit a signed copy of the Acknowledgement by Company form with your product submittal.

Submittal information shall be sent to:

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

The manufacturer will be notified when the evaluation of submitted information and 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.

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

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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 ASTM C 869 and/or IR results are a maximum of 4 ½ years old; at a minimum, retesting according to the method with the oldest data shall commence such that resubmittal and recertification can be achieved in a timely fashion.