

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List  
**POLYMER MODIFIED PORTLAND CEMENT MORTAR**  
**July 26, 2024**

**This list supersedes the May 3, 2024 list.**  
Guide Bridge Special Provision (GBSP) "Polymer Modified Portland Cement Mortar"

**Material Code No. 21625**

Dayton Superior Corp.  
4226 Kansas Avenue  
Kansas City, KS 66106  
Phone: 800-745-3700  
937-866-0711 x44376  
Attn: Ms. Sarah Clark  
Producer/Supplier No. 494-05  
[www.daytonsuperior.com](http://www.daytonsuperior.com)  
**"POLYFAST FS"**

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The Euclid Chemical Company  
19218 Redwood Road  
Cleveland, OH 44110-2799  
Phone: 800-321-7628  
216-692-8357  
Attn: Ms. Bethany Booth  
Producer/Supplier No. 614-01  
[www.euclidchemical.com](http://www.euclidchemical.com)  
**"TAMMS STRUCTURAL MORTAR"**

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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 polymer modified mortar according to the Guide Bridge Special Provision (GBSP) "Polymer Modified Portland Cement Mortar".

#### B. Procedure

Initial Submittal. Initial submittals shall include the following information:

- The specific product brand name,
- A signed and dated letter certifying the product is in compliance with ASTM C 1218 according to the GBSP "Polymer Modified Portland Cement Mortar" (submitted test results by an independent lab shall not be more than 5 years old),
- 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, 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 and test results will determine if a product is tentatively approved.

Final Submittal. Final approval and inclusion on the QPL requires compliance of the product with ASTM C 109 and the Illinois Laboratory Test Procedure "Evaluation of Bond Strength by Slant Shear" according to the GBSP "Polymer Modified Portland Cement Mortar".

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 with the aforementioned test methods outlined in the GBSP. 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 one 50 lb. (25 kg) bag or container of the subject material intended for use on Department projects. If the Department requests, a technical representative of the manufacturer shall provide appropriate mixing equipment and be present to mix the material.

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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 ASTM C 109 and/or Illinois Laboratory Test Procedure "Evaluation of Bond Strength by Slant Shear" 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.