

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List  
**POLYMER MODIFIED PORTLAND CEMENT MORTAR**  
**May 12, 2023**

**This list supersedes the January 7, 2022 list.**

Guide Bridge Special Provision "Polymer Modified Portland Cement Mortar" (Revised April 1, 2016)  
Current Policy Memorandum, "Quality Control/Quality Assurance Program for Precast Concrete Products"  
Manual for Fabrication of Precast Prestressed Concrete Products

**Material Code No. 21625**

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

Dayton Superior Corp.  
4226 Kansas Avenue  
Kansas City, KS 66106  
Phone: 800-745-3700  
[937-866-0711](tel:937-866-0711) x44376  
Attn: Ms. [Sarah Clark](mailto:sarah.clark@daytonsuperior.com)  
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  
216-692-8305  
Attn: Mr. Brian Lewis  
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 Department's Guide Bridge Special Provision for Polymer Modified Portland Cement Mortar.

**B. Procedure**

When submitting polymer modified mortar to the Department, the following shall be included:

- The specific product brand name,
- Safety Data Sheet,
- Technical Data Sheet,
- A signed letter stating the subject material will not be changed without written notification to the Department,
- Independent laboratory test results showing the water soluble chloride ion content, in lbs/yd<sup>3</sup>, according to ASTM C 1218 at 28-42 days of age. Tests shall be performed and the results resubmitted to the Department every 2 years (during recertification for even numbered calendar years; for example, 2022, 2024, etc.).
- 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.

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.

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 modified Portland cement mortar 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 sent late November 2022 and due by mid-January 2023.