

Illinois Department of Transportation
Bureau of Materials
**QUALIFIED PRODUCT LIST OF POLYMER
MODIFIED PORTLAND CEMENT MORTAR**
February 7, 2020

This list supersedes the **February 1, 2019** 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 x44375
Attn: Ms. Holly Jergens
Producer/Supplier No. 494-05
www.daytonsuperior.com
"POLYFAST FS"

The Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110-2799
Phone: 800-321-7628
Attn: Mr. Brian Lewis
Producer/Supplier No. 614-01
www.euclidchemical.com
"TAMMS STRUCTURAL MORTAR"

Lyons Manufacturing, Inc.
8900 Forney Road
Dallas, TX 75227-4505
Phone: 214-381-8100
(cell): 469-931-4093
Attn: Mr. Jake Cushingam
Producer/Supplier No. 7114-01
www.lyonsmanufacturing.com
"CAST-PATCH"

Illinois Department of Transportation
Bureau of Materials
**QUALIFIED PRODUCT LIST OF POLYMER
MODIFIED PORTLAND CEMENT MORTAR**

February 7, 2020

This list supersedes the February 1, 2019 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

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/yd³, 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, 2018, 2020, etc.).
- Contact person's name, address, email address, and phone number, and
- Acknowledgement by Company. If your company does not already have a product included on an IDOT QPL, please submit a signed copy of the company acknowledgement form with your product submittal. (see next page).

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 2020 and due by mid-January 2021.

Illinois Department of Transportation
Bureau of Materials
**QUALIFIED PRODUCT LIST OF POLYMER
MODIFIED PORTLAND CEMENT MORTAR**
February 7, 2020

This list supersedes the February 1, 2019 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

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 _____