

Illinois Department of Transportation  
Bureau of Materials and Physical Research  
**APPROVED LIST OF POLYMER MODIFIED PORTLAND CEMENT MORTAR**  
**June 24, 2011**

**This list supersedes the February 18, 2011 list.**

Guide Bridge Special Provision "Polymer Modified Portland Cement Mortar" (Revised January 1, 2002)  
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.

BASF Corporation  
889 Valley Park Drive  
Shakopee, MN 55379  
Phone: 952-250-1787  
Attn: Mark Aument  
Producer/Supplier No. 4179-05  
[www.buildingsystems.BASF.com](http://www.buildingsystems.BASF.com)  
**"GEL PATCH"**

W.R. Meadows, Inc.  
P.O. Box 338  
Hampshire, IL 60140  
Phone: 800-825-5976  
Attn: Clint Shimon  
Producer/Supplier No. 1266-02  
[www.wrmeadows.com](http://www.wrmeadows.com)  
**"MEADOW-CRETE GPS"**

Dayton Superior Corp.  
4226 Kansas Ave.  
Kansas City, KS 66106  
Phone: 877-416-3439  
Attn: John C. Hukey  
Producer/Supplier No. 494-05  
[www.daytonsuperiorchemical.com](http://www.daytonsuperiorchemical.com)  
**"POLYFAST FS"**  
**"HD-25"**

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

MAPEI Corporation  
1144 East Newport Center Drive  
Deerfield Beach, FL 33442  
Phone: 954-681-9772  
Attn: Don Edwards  
Producer/Supplier No. 6354-01  
**"PLANITOP XS"**  
**"PLANITOP X"**

**Polymer Modified Portland Cement Mortar  
Submittal for Testing and Approval**

Effective: July 27, 2007

**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<sup>1</sup>.

**B. Procedure**

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

- The specific product brand name,
- 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 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 & 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 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 mailed late November 2005 and due by mid January 2006.

<sup>1</sup> <http://www.dot.il.gov/bridges/gbsp.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 \_\_\_\_\_