

**Membrane Curing Compounds
Submittal for Lot Testing and Approval**

Effective: December 15, 2008

A. Scope

The following guidelines are provided to clarify the submittal requirements and expedite the testing process for approving membrane curing compound according to Section 1022 of the Standard Specifications for Road and Bridge Construction¹.

B. Procedure

When submitting a new membrane curing compound to the Department, the following shall be included in the certification:

- The specific product brand name,
- The type (Department designation) of curing compound,
- Certification of the manufacturing range for specific gravity,
- Certification of the manufacturing range for nonvolatile content,
- Material Safety Data Sheet,
- Technical Data Sheet, and
- Contact person's name, title, address, email address, and phone number.

The manufacturer shall provide a 1 quart (1 liter) sample of each batch or lot of the subject material intended for use on Department projects. These samples will be sampled by a Department employee or an agent representing or acting for the Department. Unless alternative arrangements are made, it is the responsibility of the manufacturer to deliver the sample(s) to the Department for testing. If you need assistance locating a Department employee or agent to sample the batch or lot, contact Melinda Winkelman at 217-782-0117. Each sample shall have a label affixed to the container with the following identification:

- Manufacturer's name,
- Specific product brand name,
- Type (Department designation)
- Batch or lot number, and
- Date of manufacture (Shall be clearly identified as mm/dd/yyyy).

Additionally, the manufacturer's test results for the following shall be included for each individual batch or lot submitted:

- Specific gravity,
- Nonvolatile content,
- 72-hour moisture loss, and
- For Type III compounds, the daylight reflectance.

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

¹ <http://www.dot.il.gov/desenv/hwyspecs.html>

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Any sample provided without the required information listed will not be tested. The Department will not test experimental or prospective formulations without prior negotiations. 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 membrane curing compounds 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. During recertification, the manufacturer establishes the ranges for specific gravity and nonvolatile content for the upcoming production season. For example, the recertification letter is sent late November of 2008 and due by mid January of 2009. The recertification paperwork sets the ranges for the products to be made during the 2009 calendar year.