

8-01-2006

State of Louisiana  
Department of Transportation and Development (DOTD)  
Materials and Testing Section Qualification Procedure  
for  
Qualified Products List 65

**LIQUID MEMBRANE-FORMING COMPOUNDS**

**MATERIAL SPECIFICATION REFERENCE:**

DOTD Standard Specifications, Supplemental Specifications and Special Provisions, Subsection 1011.01(a) (copy attached).

**PRELIMINARY REQUIREMENTS:**

Qualified Product Evaluation Form

The manufacturer shall submit a standard "Qualified Product Evaluation Form" (copy attached) to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Qualified Products List.

Product Data Sheets

Product data sheets containing all pertinent information relative to the product to be evaluated shall also be submitted. Information submitted shall include manufacturer's specifications, agitation requirements (if required), recommended application procedure, application rate, and a Material Safety Data Sheet (MSDS).

Sample (to be furnished at no cost to the Department)

1 Liter (1 quart) sample of the product shall be submitted for laboratory evaluation. Additional material may be required for a field evaluation. If the product is approved, 1 Liter (1 quart) of the product shall be submitted every 6 months for continued approval. All samples submitted for evaluation shall be obtained from routine production.

AASHTO National Transportation Products Evaluation Program (NTPEP)  
Product Evaluation Form

The manufacturer shall also submit a standard "AASHTO National Transportation Products Evaluation Program (NTPEP) Product Evaluation Form" to the AASHTO NTPEP Coordinator. Copies are available from NTPEP Coordinator (address listed below). The manufacturer will be contacted by the Coordinator regarding the status of samples submitted.

Materials and Testing Section

**TEST REQUIREMENTS:**

AASHTO NTPEP

The address of the contact affiliated with AASHTO NTPEP is:

NTPEP Coordinator  
AASHTO National Transportation Products Evaluation Program  
444 N. Capitol St. N.W., Suite 249  
Washington, D.C. 20001  
Phone: (202) 624-3695  
Fax: (202) 624-5806

Laboratory results obtained by the AASHTO NTPEP will be used to determine conformance to DOTD Standard Specification.

LA DOTD Laboratory Testing

The qualification sample shall be tested in accordance with AASHTO Designation M 148.

LA DOTD Field Evaluation

The Department may require a field evaluation to ensure satisfactory installation and performance of the product prior to placement on the Qualified Products List.

Evaluation Time

Laboratory Testing – 7 days  
Field Evaluation – Varies, possibly as long as 6 months

**GENERAL:**

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Qualified Products List. The Department reserves the right to reevaluate any product at any time. Products which are approved for the Qualified Products List will be reevaluated every 6 months for continued approval.

**PROJECT ACCEPTANCE REQUIREMENTS:**

Sampling of qualified products for project acceptance will not be required provided the material is properly identified as being the specific product on the Qualified Products List. The Department, however, reserves the right to sample any material should it be questionable. Each lot of liquid membrane-forming compound shipped to the job site shall be accompanied with a certificate of compliance.

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**DISQUALIFICATION:**

Any product may be removed from the Qualified Products List for non-conformance with specifications and/or unsatisfactory field performance. The Department must be notified in writing of any change in product formulation. Significant changes may require reevaluation of the product.

**REQUALIFICATION:**

A product which has been disqualified and removed from the Qualified Products List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

**DOTD MATERIALS AND TESTING SECTION COORDINATOR**

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LUANNA CAMBAS, P.E.  
MATERIALS ENGINEER ADMINISTRATOR