

10/23/20

State of Louisiana  
Department of Transportation and Development (DOTD)  
Materials and Testing Section Approved Materials Procedure  
for

**POLYURETHANE JOINT SEALANTS**

**MATERIAL SPECIFICATION REFERENCE:**

DOTD Standard Specifications, Subsection 1005.02.2.

**APPROVED MATERIAL EVALUATION SUBMITTAL:**

The manufacturer shall submit a completed Approved Materials Evaluation Submittal to the DOTD Materials and Testing Section Coordinator listed below.

**PRELIMINARY REQUIREMENTS:**

The complete submittal must include:

- Complete Approved Materials Evaluation Form
- Letter requesting evaluation of the material
- Product Data Sheets
- Safety Data Sheet (SDS)
- Manufacturer's specifications
- Certificate of Analysis
- Sample

NOTE: Evaluation will not begin until all required items listed above are received by the Materials Laboratory.

Certifications and/or Test Reports

Submit a Certificate of Analysis (CA) reporting actual test results of the material properties for each material submitted.

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

Submit a sample consisting of one (1) unit of each component to the Materials Testing Section for evaluation.

**TEST REQUIREMENTS:**

Laboratory Testing

The approved materials sample shall be tested in accordance with the applicable procedures shown in the attached Subsections 1005.02.2.

Field Evaluation

The Department may require a field evaluation to ensure satisfactory installation and performance of the material prior to placement on the Approved Materials List. Sealant characteristics checked will include the adhesion between the faces of the joint, resilience, ozone resistance, and the ability to reject incompressibles.

Evaluation Time (Varies)

Laboratory testing - 4 weeks

Field evaluation (if required) - 18 months

Evaluation of Results - 2 weeks

**GENERAL:**

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the material will or will not be added to the Approved Materials List (AML). The DOTD Materials and Testing Section Coordinator shall be notified in writing of any change from the original material submittal. The Department reserves the right to re-evaluate any material or individual material at any time. A CA of the material shall be submitted annually to the DOTD Materials and Testing Section Coordinator to remain on the AML.

**PROJECT ACCEPTANCE REQUIREMENTS:**

The inclusion of any material on the AML is not blanket approval for its use. All materials, regardless of prior approval, shall be sampled in accordance with the Materials and Sampling Manual.

**DISQUALIFICATION AND REMOVAL:**

Any material may be removed from the AML for non-conformance with specifications, performance requirements, failure to supply annual CAs to the DOTD Materials and Testing Section Coordinator or failure to notify the Department of any change in material formulation.

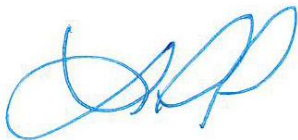
**REQUALIFICATION:**

Any material which has been disqualified and/or removed from the AML will be considered for re-evaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification and/or removal have been resolved.

**DOTD MATERIALS AND TESTING SECTION COORDINATOR**

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Approved



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LUANNA CAMBAS, P.E.  
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