
Test Procedure for**QUALITY MONITORING FOR RUBBER ASPHALT
CRACK SEALERS AND RELATED MATERIALS**TxDOT Designation: **Tex-538-C**Effective Date: **July 2021**

1. SCOPE

- 1.1 Use this method to determine sampling rates and to obtain test reports for **rubber asphalt crack** sealants and related materials. The Materials and Tests Division's (MTD) Asphalt Laboratory handles these materials using Quality Monitoring (QM), a practice of pre-approval and periodic recertification for the various suppliers.
 - 1.2 The values given in parentheses (if provided) are not standard and may not be exact mathematical conversions. Use each system of units separately. Combining values from the two systems may result in nonconformance with the standard.
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2. MATERIALS AFFECTED

- 2.1 MTD will maintain [Material Producer Lists](#) (MPLs) of approved suppliers for this class of materials. Use the appropriate MPL as described in this test procedure for these specific items:
 - Rubber asphalt crack sealers,
 - Fiber reinforced polymer patching material (FRPP), and
 - Bituminous marker adhesives.
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3. MPL QUALIFICATION PROCEDURE**3.1 Qualification Request.**

Submit a written request for qualification to the Texas Department of Transportation, Construction Division, Materials and Pavements Section (CP51), 125 East 11th Street, Austin, TX, 78701-2483. Include the following information with the request:

- Company name;
 - Physical and mailing addresses;
 - product name;
 - product documentation, including material safety data sheets (MSDS);
 - contact person with telephone number and email address; and
 - Qualification documentation.
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3.2 Qualification Documentation

Submit, on annual basis, a materials test report from a material testing laboratory showing test data from testing a sample of the material, comparing the data with the material requirements (ITEM 300 for crack sealers, DMS6130 for Marker Adhesives, and ITEM 721 for FRPP), and showing that the material conforms to all requirements.

3.3 MPL Listing.

Materials meeting the above requirements will be listed on the corresponding MPL.
Any changes to the product formulation will require re-evaluation.

3.4 Disqualification.

The Department may at any time sample material from projects for evaluation. If the material does not meet the requirements of this Specification or if test results are substantially different from the original submitted test results, MTD may remove the material from the MPL.

4. FOR DEPARTMENT EMPLOYEES TO OBTAIN TEST REPORTS FOR PRE-APPROVED PRODUCTS

4.1 Refer to the MPL [website](#).

4.2 Find the appropriate material category.

4.3 Find the appropriate producer and product in that category.

4.4 If a product is not on the MPL, refer to [Tex-500-C](#) requirements for non-pre-approved materials.

4.5 If the product is on the MPL, find the laboratory number (“C number”) listed for that product. Verify that the current date is within the effective dates listed with the laboratory number.

4.6 If there is no laboratory number, or if the current date is not within the effective date, refer to [Tex-500-C](#) to determine sampling requirements.

4.7 To access the test report in SiteManager use SiteManager ID “QM301” followed by C number.

5. ADDITIONAL INFORMATION

5.1 MPLs for various types of materials addressed by this test procedure can be found at:

- Crack sealers- <https://ftp.dot.state.tx.us/pub/txdot-info/cmd/mpl/rbcrkslr.pdf>
- Marker adhesives- <https://ftp.dot.state.tx.us/pub/txdot-info/cmd/mpl/bitmark.pdf>
- FRPP- <http://ftp.dot.state.tx.us/pub/txdot-info/cmd/mpl/frpp.pdf>

5.2 For more information on this subject and on related materials, contact MTD’s Asphalt Branch at (512) 506-5217.