

717.02.2, Bridge Deck Crack Sealant

Qualification Requests

On the laboratory test report that is sent in with the request, the test data must show that the material is in compliance with the material requirements.

Qualification Samples

High Molecular Weight Methacrylate

The requirements for samples that are received for QPL prequalification are as follows.

- The producer will submit a 2 oz. Sample of the resin for each type of High Molecular Weight Methacrylate Deck Seal to be considered along with test results from an independent laboratory and A Fourier Transform Infra-Red (FTIR) spectrum analysis of each resin in a format compatible with Excel 2003 or a Perkin-Elmer Paragon 1000 FTIR machine.
- MDT will test each sample according to the tests outlined in Standard Specifications for Road and Bridge Construction "717.02.2 Bridge Deck Crack Sealant ". The material will be rejected if the material does not meet the requirements.

Epoxy

Epoxy based bridge deck seals will be considered for inclusion on the QPL based on historical performance. To be considered based on this information, provide the following data:

- List of product users in similar climatic areas.
- Include the date of the initial applications and any available documentation concerning the products performance.

Upon receipt of the above information, MDT will contact other DOT's and listed product users to obtain specifics relating to the following.

- Conditions product has been used.
- Performance of product
- Application procedure
- Health or environmental concerns associated with the product.

MDT will make a determination on the materials applicability based on the information provided by the supplier in conjunction with MDT's independent study. Materials determined to serve the same functions with sufficient durability will be added to the QPL. Materials deemed insufficient will be rejected.

Material Requirements

Requirements may be found in the Standard Specifications for Road and Bridge Construction 717.02.2, Supplemental Specifications to Montana Standard Specifications 717.02.2, or contract Special Provision.