

1719 - RELEASE COMPOUND FOR ASPHALT MIXES

SECTION 1719

RELEASE COMPOUND FOR ASPHALT MIXES

1719.1 DESCRIPTION

This specification covers release compounds for asphalt mixes.

1719.2 REQUIREMENTS

Provide a concentrated liquid release compound containing no petroleum solvents (diesel fuel, kerosene, etc.) that complies with the following:

- Deleterious Effects: The percentage of coating on the aggregate-binder mixture containing the release compound is equal to that of the mixture without the release agent.
- Release Capabilities: A hot aggregate-binder mixture slides freely in a shallow pan wetted with the release compound.
- Effect on Asphalt Penetration: No more than 7 units difference between a sample in water and one placed in the release compound.

1719.3 TEST METHODS

Test the material in accordance with KTMR-19.

1719.4 PREQUALIFICATION

a. Each release compound must be prequalified. Submit a written request to be evaluated for prequalification to the Bureau Chief of Construction and Materials. Provide the following for each brand and type of material to be evaluated:

- (1) Name, address, and telephone number of the manufacturer and the preferred contact person.
- (2) Name of product and manufacturers dilution recommendation.
- (3) Material Safety Data Sheets.
- (4) Results of tests from the AASHTO National Transportation Product Evaluation Program (NTPEP).

Include the most recent NTPEP test report along with evidence that the product being offered is identical to the one reported in the NTPEP report.

b. A one quart sample will be accepted in lieu of the NTPEP test report until June 1, 2016. Submit the sample in addition to the documentation requested above for prequalification to the Engineer of Tests. The manufacturer will be advised of the results.

c. The Bureau of Construction and Materials will maintain a list of prequalified release compounds. Any prequalified product that does not have a NTPEP test report on file as of January 1, 2017 will be removed from the list of prequalified release compounds. Changes in the formulation, manufacturing process, or failure of the release compound to function appropriately will require a new prequalification.

1719.5 BASIS OF ACCEPTANCE

Prequalification as specified in **subsection 1719.4**.

Satisfactory performance in the field.