
Standard Specification for Cationic Emulsified Asphalt

AASHTO Designation: M 208-18 (2022)

Technically Revised: 2018

Reviewed but Not Updated: 2022

Technical Subcommittee: 2a, Emulsified Asphalts



**American Association of State Highway and Transportation Officials
555 12th Street NW, Suite 1000
Washington, DC 20004**

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1. SCOPE

- 1.1. This specification covers 12 grades of cationic emulsified asphalt for use in pavement construction in the manner designated.
- Note 1**—See [M 140](#) for specifications covering emulsified asphalt other than cationic and [M 316](#) for specifications covering polymer-modified emulsified asphalt.
- 1.2. The values stated in SI units are to be regarded as the standard.

2. REFERENCED DOCUMENTS

- 2.1. *AASHTO Standards:*
- [M 140](#), Emulsified Asphalt
 - [M 316](#), Polymer-Modified Emulsified Asphalt
 - [R 5](#), Selection and Use of Emulsified Asphalts
 - [R 66](#), Sampling Asphalt Materials
 - [R 77](#), Certifying Suppliers of Emulsified Asphalt
 - [T 49](#), Penetration of Bituminous Materials
 - [T 51](#), Ductility of Asphalt Materials
 - [T 59](#), Emulsified Asphalts
 - [T 111](#), Mineral Matter or Ash in Asphalt Materials
 - [T 382](#), Determining the Viscosity of Emulsified Asphalt by a Rotational Paddle Viscometer

3. REQUIREMENTS

- 3.1. Upon receipt, refer to [T 59](#) for the proper protocol for conditioning the emulsified asphalt prior to mixing and testing. The emulsified asphalt should appear to be homogeneous after thorough mixing. Complete testing of sample for emulsified asphalt properties within 14 days of the sample date. Complete testing for emulsified asphalt residue properties within 30 days of the emulsified asphalt sample date.
- Note 2**—Dilution of the emulsified asphalt to aid in the field application of the material should not occur without approval of the buyer.
- 3.1.1. If the emulsified asphalt appears to be inhomogeneous after reconditioning and mixing according to [T 59](#), discard and resample for testing if required by the buyer.
- Note 3**—When emulsified asphalts (in particular, rapid-setting grades) are held in containers at ambient temperature for an extended period, emulsified asphalt droplets can coalesce, leading to