
Standard Specification for Materials for Emulsified Asphalt Scrub Seal

AASHTO Designation: MP 43-20¹

**Technical Subcommittee: 5b, Bridge and Pavement
Preservation**

Release: Group 1 (April)



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

Standard Specification for

Materials for Emulsified Asphalt Scrub Seal

AASHTO Designation: MP 43-20¹



Technical Subcommittee: 5b, Bridge and
Pavement Preservation

Release: Group 1 (April)

1. SCOPE

- 1.1. A scrub seal is the application of emulsified asphalt with a scrub broom followed immediately by an application of a single layer of cover aggregate. The treatment can be applied as a wearing surface or as an interlayer.
- 1.2. This standard specifies quality requirements for aggregate and emulsified asphalt for scrub seals.

2. REFERENCED STANDARDS

- 2.1. *AASHTO Standards:*
- [M 140](#), Emulsified Asphalt
 - [M 208](#), Cationic Emulsified Asphalt
 - [M 316](#), Polymer-Modified Emulsified Asphalt
 - [R 66](#), Sampling Asphalt Materials
 - [R 78](#), Recovering Residue from Emulsified Asphalt Using Low-Temperature Evaporative Techniques
 - [T 11](#), Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
 - [T 27](#), Sieve Analysis of Fine and Coarse Aggregates
 - [T 49](#), Penetration of Bituminous Materials
 - [T 59](#), Emulsified Asphalts
 - [T 96](#), Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
 - [T 111](#), Mineral Matter or Ash in Asphalt Materials
 - [T 179](#), Effect of Heat and Air on Asphalt Materials (Thin-Film Oven Test)
 - [T 201](#), Kinematic Viscosity of Asphalts (Bitumens)
 - [T 202](#), Viscosity of Asphalts by Vacuum Capillary Viscometer
 - [T 240](#), Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test)
 - [T 301](#), Elastic Recovery Test of Asphalt Materials by Means of a Ductilometer
 - [T 315](#), Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)
 - [T 335](#), Determining the Percentage of Fracture in Coarse Aggregate