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# ASTM International Technical Committee D04 on Road and Paving Materials

## Scope

The scope of the Committee shall be the promotion of knowledge, stimulation of research, and the development of standards pertaining to asphalt materials used in pavements, asphalt surface treatments, aggregates used in asphalt mixtures, graded aggregate used in bases or subbases, and to other materials, products, systems, and services incidental to all types of highway and transportation construction and maintenance. The types of standards developed include, but are not limited to, specifications, test methods, practices, guides, and terminology.

The work of this Committee will be coordinated with other ASTM committees and other organizations having mutual interest.

The activities shall be coordinated with other ASTM Committees when necessary. The area of interest of the Committee is materials used in the construction and maintenance of highways, and other transportation construction.

## Key Documents

- D75/D75M Standard Practice for Sampling Aggregates
- D2041/D2041M Standard Test Method for Theoretical Maximum Specific Gravity and Density of Asphalt Mixtures
- D2172/D2172M Standard Test Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures
- D2726/D2726M Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
- D3666 Standard Specification for Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
- D4791 Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate



## Quick Facts

**Established** 1903

**Number of Members** 770+

**Number of Standards** 213

**Global Participation**

46 Countries represented

**The standards are available in**

Volume 04.03 in the *Annual Book of ASTM Standards*

**Meetings** D04 meets twice each year, in June and December

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## Technical Subcommittees

- D04.20 Mechanical Tests of Asphalt Mixtures
- D04.21 Specific Gravity and Density of Asphalt Mixtures
- D04.22 Effect of Water and Other Elements on Asphalt Coated Aggregates
- D04.23 Plant-Mixed Asphalt Surfaces and Bases
- D04.24 Asphalt Surface Treatments
- D04.25 Analysis of Asphalt Mixtures
- D04.26 Fundamental/Mechanistic Tests
- D04.27 Cold Mix Asphalts
- D04.30 Methods of Sampling
- D04.31 Calcium and Sodium Chlorides and Other Deicing Materials
- D04.32 Bridges and Structures
- D04.33 Formed In-Place Sealants for Joints and Cracks in Pavements
- D04.34 Preformed Joint Fillers, Sealers and Sealing Systems
- D04.38 Highway Traffic Control Materials
- D04.40 Asphalt Specifications
- D04.41 Emulsified Asphalt Specifications
- D04.42 Emulsified Asphalt Test
- D04.43 Specifications and Test for Tar and Tar Products
- D04.44 Rheological Tests
- D04.46 Durability and Distillation Tests
- D04.47 Miscellaneous Asphalt Tests
- D04.50 Aggregate Specifications
- D04.51 Aggregate Tests
- D04.90 Executive
- D04.91 Terminology
- D04.93 Strategic Planning
- D04.94 Statistical Procedures and Evaluation of Data
- D04.95 Quality Control, Inspection and Testing Agencies
- D04.99 Sustainable Asphalt Pavement Materials and Construction