
Standard Specification for Fine Aggregate for Hydraulic Cement Concrete

AASHTO Designation: M 6-13 (2022)

Technically Revised: 2013

Reviewed but Not Updated: 2022

Technical Subcommittee: 1c, Aggregates



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

Fine Aggregate for Hydraulic Cement Concrete

AASHTO Designation: M 6-13 (2022)



Technically Revised: 2013

Reviewed but Not Updated: 2022

Technical Subcommittee: 1c, Aggregates

1. SCOPE

- 1.1. This specification covers the quality and grading of fine aggregate for hydraulic cement concrete used in pavements or bases, highway bridges, and incidental structures.
- 1.2. This specification is for use by a contractor, concrete supplier, or other purchaser as part of the purchase document describing the material to be furnished.
- Note 1**—This specification is regarded as adequate to ensure satisfactory materials for most concrete. It is recognized that, for certain work or in certain regions, it may be either more or less restrictive than needed. For example, where aesthetics are important, more restrictive limits may be considered regarding impurities that would stain the concrete surface. The specifier should ascertain that aggregates specified are or can be made available in the area of the work, with regard to grading, physical or chemical properties, or combination thereof.
- Note 2**—Definitions of terms used in this specification may be found in [ASTM C125](#).
- 1.3. This specification is also for use in project specifications to define the quality of aggregate, the nominal maximum size of the aggregate, and other specific grading requirements. Those responsible for selecting the proportions for the concrete mixture shall have the responsibility of determining the proportions of fine and coarse aggregate and the addition of blending aggregate sizes if required or approved. Specifications for coarse aggregate are provided in [M 80](#).
- 1.4. The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.
- 1.5. The text of this standard references notes and footnotes that provide explanatory material. These notes (excluding those in tables and figures) shall not be considered as requirements of this standard.

2. REFERENCED DOCUMENTS

- 2.1. *AASHTO Standards:*
- [M 80](#), Coarse Aggregate for Hydraulic Cement Concrete
 - [R 80](#), Determining the Reactivity of Concrete Aggregates and Selecting Appropriate Measures for Preventing Deleterious Expansion in New Concrete Construction
 - [R 90](#), Sampling Aggregate Products
 - [T 11](#), Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
 - [T 21M/T 21](#), Organic Impurities in Fine Aggregates for Concrete
 - [T 27](#), Sieve Analysis of Fine and Coarse Aggregates
 - [T 71](#), Effect of Organic Impurities in Fine Aggregate on Strength of Mortar