



Designation: C 1240 – 03a

Standard Specification for Use of Silica Fume as a Mineral Admixture Used in Hydraulic- Cement Concrete, Mortar, and Grout Cementitious Mixtures¹

This standard is issued under the fixed designation C 1240; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope*

- 1.1 This specification covers silica fume for use in concrete and other systems containing hydraulic cement.
- 1.2 In the cases of slurried or densified silica fume, perform the tests on the raw silica fume from which these products have been made.
- 1.3 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.
- 1.4 The following safety hazards caveat pertains only to the test methods portions, Sections 10-19, of this specification: *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.* Read the material safety data sheets for materials used.
- 1.5 The text of this standard references notes and footnotes that provide explanatory information. These notes and footnotes (excluding those in tables) shall not be considered as requirements of this standard.

¹ This specification is under the jurisdiction of ASTM Committee C09 on Concrete and Concrete Aggregates and is the direct responsibility of Subcommittee C09.24 on Supplementary and Cementitious Materials.

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*A Summary of Changes section appears at the end of this standard.