



Designation: E 736 – 9200

An American National Standard

Standard Test Method for Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members¹

This standard is issued under the fixed designation E 736; 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.

~~ε¹ NOTE—The committee is in the process of balloting to revise paragraph 5.2 and add an explanatory note to paragraph 8.3.3.~~

1. Scope

1.1 This test method covers a procedure for measuring the cohesion/adhesion or bond strength (tensile) perpendicular to the surface of sprayed fire-resistive material (SFRM) applied to rigid backing. These fire-resistive materials include sprayed fibrous and cementitious materials. The test method is applicable to both laboratory and field procedures as indicated in Section 7.

1.2 The values stated in SI units are to be regarded as the standard. The values in parentheses are for information only.

1.3 *This standard does not purport to address all of the safety problems, 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.*

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method is under the jurisdiction of ASTM Committee E-6 on Performance of Buildings and is the direct responsibility of Subcommittee E06.21 on Serviceability. Current edition approved Nov. 15, 1992; April 10, 2000. Published January 1993; July 2000. Originally published as E 736 – 80. Last previous edition E 736 – 86 (1991). E 736 – 92.