

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 55-04-M Vol.2

Manufacturer - A/D Fire Protection Systems, 420 Tapscott Road, Scarborough Ontario M1B1Y4; A/D Fire Protection Systems, 233 Duke Street, Louisa, VA 23093; and Southwest Vermiculite Co. Inc., 5119 Edith Blvd. NE, Albuquerque, NM 87197

Trade Name (s) – Southwest Fireproofing, Type 5GP, Type 5EF, Type 5MD, Type 7GP & Type 7HD.

Product – Cementitious Fireproofing

Pertinent Code Section(s) – 27-323, 27-324

Prescribed Test(s) – ASTM E119 (UL 263)

Laboratory – Underwriters Laboratories Inc.

Test Reports – UL File R8213 dated March 29, 2000, June 12, 2000, April 5, 2001, February 4, 2003, and June 6, 2003. Letter report dated August 23, 2005.

Description – Wall-Partition as per Fire Resistive Design sketched below utilizing Southwest Fireproofing Type 5GP, 5EF, 5MD, 7GP or 7HD cementitious fire protection material, spray-applied to the required thickness for the fire resistance ratings of 1, 1 ½, 2 or 3 hours and in accordance with Underwriters Laboratories Inc. Design Number U703.



Wall-Partition Design:

U703 for Fire Resistance Ratings of 1, 1½, 2 and 3 hours.

Terms and Conditions:

Recommendation – That the above described wall-partition assembly be accepted as having the fire resistance rating of three hours maximum, provided that the following requirements for application and protection of the sprayed-on fireproofing be adhered to:

1. Surfaces to receive sprayed-on fireproofing shall be cleared of dirt, grease, oil, loose scale, paint, and any extraneous material immediately prior to application of the fireproofing.
2. The finished fireproofing shall be sprayed to a uniform thickness which shall not be less than the minimum thickness specified. Fireproofing may be finish trowled to required thickness and densities.
3. Density of the sprayed-on fireproofing shall be verified by removing a minimum of three 6-inch square sections, randomly selected from the building and determining the density in accordance with ASTM E 605, Standard Test Method for Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members.
4. The general contractor and the owner shall provide qualified personnel to supervise the application of the sprayed-on fireproofing. They shall certify to the Department of Buildings that the finished fireproofing of the completed building is in full compliance with the acceptance requirements and drawings approved by the Department of Buildings.
5. When the lower flange of a beam or the bottom plane of the ceiling assembly construction is less than 9 feet clear above the floor below, all sprayed surfaces shall be permanently protected by a suspended ceiling, or by other means such as mesh screening so as to prevent damage to or displacement of the fireproofing.
6. The material used for protection of sprayed-on fireproofing shall be adequate for its purpose and shall be approved by the Department of Buildings.
7. The installation of the sprayed-on fireproofing shall be subject to the controlled inspection requirements of Section 27-132.
8. The use of this material shall be subject to all pertinent regulations of the Department of Air Resources and the Department of Health.
9. All shipments and deliveries of the materials comprising these assemblies shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and are acceptable for use, as provided for in Section 27-131 of the Building Code

Final Acceptance April 26, 2006

Examined Simon D. DeKudam