



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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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 447-04-M

- Manufacturer:** Grace Construction Products, 1330 Industry Road, Hatfield, Pennsylvania 19440.
- Trade Name(s):** Flamesafe®, FS3000, FS900+ and FS1900.
- Product:** Fill, void or cavity material for fire protection.
- Pertinent Code Section(s):** 27-345.
- Prescribed Test(s):** ASTM E1966 and ASTM E 1399 (ANSI/UL 2079).
- Laboratories:** Underwriters Laboratories, Inc. and Underwriters of Canada.
- Test Report(s):** UL File R11636 and ULC File CR1538.

**Description** - Fill, Void or Cavity Material for dynamic construction joints in fire rated floors, roofs and walls with the following FlameSafe® Products: FS 3000 Series Coating, FS 900+ Series Sealant and FS 1900 Series Sealant. These products shall be applied in accordance with the Underwriters Laboratories Inc. system number listed below in achieving the required fire resistance rating listed below:

UL System	Assembly Rating
FS 3000 Series Coating Systems	
FF-D-0022	4 Hour
FW-D-0017	4 Hour
HW-D-0107	1,2,3 & 4 Hour
HW-D-0108	1,2,3 & 4 Hour
HW-D-0109	3 Hour
HW-D-0110	3 Hour
HW-D-0219	1 & 2 Hour
HW-D-0267	1,2 & 3 Hour
HW-D-0299	1,2 & 3 Hour
HW-D-1021	3 Hour
WW-D-1028	3 Hour

FS 900+ Series Sealant Systems	
FF-D-0023	4hour
FF-D-0024	2 Hour
FW-D-0018	4 Hour
FW-D-0019	2 Hour
HW-D-0144	1 & 2 Hour
HW-D-0 146	1 & 2 Hour
HW-D-0 149	2 Hour
HW-D-0189	2 Hour
HW-D-0257	2 Hour
HW-D-1024	3 Hour
WW-D-0027	2 Hour
WW-D-1029	3 Hour
FS 1900 Series Sealant Systems	
HW-D-0 144	1 & 2 Hour
HW-D-0257	2 Hour

**Terms and Conditions** - That the above described fill, void or cavity material, used to fill the remaining joints between walls, floors, floors and walls, and walls and floors or roofs. If assemblies with the above described fire protection rating, where electrical trays, cables, mechanical piping or ductwork pass through the assembly, be accepted for use in such assemblies when installed in accordance with the manufacturer's application instructions. Suitable support angles and fasteners are required for respective assemblies shall be provided in accordance with manufacturer's recommendations. All shipments and deliveries of such materials shall, in addition, be accompanied by a tag, certifying that the materials shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance February 28, 2006  
 Examined by Simon Derpheler