



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

Report of Materials and Equipment Acceptance Division

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 431-07-M

Manufacturer: Forms + Surfaces
30 Pine Street
Pittsburgh, PA 15223

Trade Name(s): Architectural Metal Fire-Rated Doors/Frames

Product: 3-hour composite door and frame assemblies
MEA Index #290 – Fire Doors

Pertinent Code Section(s): 27-323, 27-329, 27-342

Prescribed Test(s): RS 5-6 (ASTM E152)

Laboratory: Underwriters Laboratories Inc.

Test Report(s): UL File R25182, Vol. 5, dated 2/01/2007
UL File R25300, Vol. 1, dated 9/12/2006 and revised
9/26/2006
UL File R12339, Vol. 1, dated 3/20/1987 and revised
8/21/2007.

Description: Steel composite fire door assemblies in single swing and, and in standard and double egress pairs. All doors are 1 3/4" thick and fabricated from 16, or 18 gauge steel faces and equipped with full mortise steel hinges and single point latches or fire exit hardware. Single swing doors are limited to 48" in width and 120" in height. Standard pairs are limited to 96" in width and 120" in height. A nominal 1#/ft³ polystyrene core is laminated between the face sheets. The doorframes have a 5/8" minimum stop height and are of the single pressed steel type and can be fabricated from 12, 14, or 16 gauge steel. Glazed areas are permitted as follows: 3hr rating – 100in² per door, 1-1/2hr rating- 2034in² per door, 1hr rating- 3204in² per door, 3/4hr rating – 3204in² per door.

Terms and Conditions: The above described fire-rated doors and frames are accepted for Class "A", "B", or "C" rating with the following conditions:

1. Doors shall be operated by an approved-fusible link or other New York City approved automatic closing mechanism
2. Door shall be installed in accordance with Laboratory limitation, manufacturer instructions and Reference Standard RS 5-8 (NFPA 80).
3. Certificates or labels accompanying all shipments shall be provided by the testing service which shall be regularly engaged by the manufacturer to make periodic inspections and/or tests of the doors in the course of their manufacture.
4. All shipments and deliveries of such materials shall, in addition, be accompanied by a metal tag certifying that the materials shipped or delivered are equivalent to those tested and accepted for use, as provided for in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance February 15, 2008

Examined By Simon Derkshidan