



NYC Department of Buildings
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Patricia Lancaster, FAIA, Commissioner
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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 555-06-M

Manufacturer: Master Security Doors, Inc., 702 S. Military Trail,
Deerfield Beach, FL 33442

Trade Name(s): Master Fire Door EX-3

Product: Residential and commercial fire-rated security door.

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

Prescribed Test(s): RS 5-6 (ASTM E152, UL 10C)
Fire rating ¾ hour, Endurance Test, Temperature Rise
30° F minimum, 250° F maximum

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File 25261, Project 06CA17487, dated July 14, 2006
UL File 25262, Project 06CA17587, dated July 14, 2006

Description: Metal-covered composite core door with MDF facing material and frame assembly is designed for residential and commercial occupancies for ¾-hour fire ratings.

Door

The single door is designed for an opening 40.13 inches (1,019 mm) in width and 85.5 inches (2,171 mm) in height. The pair of doors is designed for an opening either 73 inches (1,854.2 mm) or 85.5 inches (2,272 mm) in height. The core of the door is comprised of mineral wool with a density of 7.5 pcf (120 kg/m³) and a thickness of 2 inches (50 mm). The facing material for the door is MDF panel with a thickness of ¼-inch (6 mm).

Frame

The frame in which the door is mounted is a manufacturer-supplied doorframe constructed of hot-rolled metal coated with PVC and consists of two parts, a sub-frame, which is secured to the opening with screws, and then the outer frame, which is secured to the sub-frame with bolts supplied by the manufacturer.

Hardware

The single door and pair of door assemblies incorporate non-listed concealed vertical rod fire exit hardware and an integrated interconnected lockset with a 0.56 inch (14 mm) latch throw. The door is provided with three ball-bearing steel hinges supplied by the manufacturer. These are integrated in frame and door and measure 3 inches (76 mm) high and 0.75 inch (19 mm) thick. The hinges are attached to the door and frame with bolts.

Terms and Conditions: The above-described fire-rated doors and frames are accepted for Class "C" rating under the following conditions:

1. Doors shall be operated by an approved fusible link or other New York City-approved automatic closing mechanism.
2. Doors shall be installed in accordance with Laboratory limitation, manufacturer's instructions and Reference Standard RS 5-8 (NFPA 80) for Class C opening,
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 acceptable 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 22, 200

Examined By Sum Derbhadar