



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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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 212-05-M

Manufacturer: Rolling Steel Industries, 693 Atkins Avenue, Brooklyn New York 11208.

Trade Name(s): Rolling Steel Industries/ Fabrico Roll-up gates

Product: Fire Rated Rolling Steel Fire Door.

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

Prescribed Test(s): RS 5-6 (ASTM E 182)

Laboratory: Underwriters Laboratories Inc.

Test Report(s): UL file R19206.

Description: Vertical Rolling Steel 3-Hour Fire Door constructed of 20-gauge flat or curved steel slat. Each slat is Cold Roll formed to create a profile that has formed interlocking curls allowing each slat to interlock one to the next forming a continuous curtain. The dimensions of each flat slat are 2.65" high from center to center of interlocking curls 0.75 inches deep. Constructed of steel not less than .034 inches thick, the curve slats are also .034 inches minimum thickness. The curved slats are 2.85 inches in height from center to center of interlocking curls and 0.75 inches deep. Each curtain is finished with a double steel angle bottom bar constructed of two 2" x 2" x 11 gauge steel angles bolted together to form a "T" section with rubber astragal to seal to floor.

Guides: The guides are constructed of steel angles not less than 0.150" thick and 2.75 inches wide. These angles are bolted together to form a guide channel that will allow the curtain to freely travel up and down.

Counter Balance: The counter balance torsion spring assembly is designed to assist in raising the door and by working in conjunction with a New York City approved fusible fire link or other New York City approved automatic closing mechanism this counter balance system will allow the door to automatically close in the event of fire.

Each Rolling Fire Door is designed for openings that exceed 12 feet in width and 10 feet in height, in accordance with Underwriters Laboratories oversize certificate and shall be accepted as providing 3 hour Fire Protection rating when installed in accordance with Reference Standard RS 5-8 (NFPA 80) for class A openings.

Terms and Conditions: The above described vertical rolling door assembly, which shall be operated by an approved fusible link or other New York City approved automatic closing mechanism, be accepted as providing 3 hours fire protection rating when installed in accordance with Reference Standard RS 5-8 (NFPA 80) for Class A openings, on condition that the 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. 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 Building Code.

Final Acceptance October 7, 2005
Examined By Sir Derkudam