



NYC Department of Buildings  
 280 Broadway, New York, NY 10007  
 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 304-07-M

**Manufacturer:** Dural Door Company, 31-28 Greenpoint Avenue, Long Island City, N.Y. 11101

**Trade Name(s):** Dural Door

**Product:** Fire-rated elevator door assembly

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

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

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File Nos. R25635 & R25636 and UL letter dated July 9, 2007.

**Description:** Hollow-metal fire doors and frames used for passenger and freight elevator hoistways. Door frames shall be provided with all swinging doors and with sliding doors to be mounted in drywall. Door frames are optional for sliding doors intended to be mounted in drywall. The maximum size of the panels and the clear openings for the various door assemblies is shown in the table below. The assemblies are to be supplied with the hardware noted below and are required to have the additional hardware as shown in the table below.

Door Type	Door Panel Thickness (In.)	Max. Width (In.)		Max. Height (In.)		Required Components
		Door Panel	Opening	Door Panel	Opening	
Single Swing	1¾ ± 1/16	48	48	96	96	Set No. 1
Swing Pairs	1¾ ± 1/16	48	48	96	96	Set No. 2

Door Type	Door Panel Thickness (In.)	Max. Width (In.)		Max. Height (In.)		Required Components
		Door Panel	Opening	Door Panel	Opening	
Side slide 1-, 2- or 3-panel	1¼ to 2	43½	48	96¾	96	Set No. 3
Center open slide 2-, 4- or 6- panel	1¼ to 2	24¾	48	96¾	96	Set No. 3

Required Components:

Set No. 1: UL-listed interlock, door closer, door hinges, and single point latch.

Set No. 2: UL-listed interlock, door closer, door hinges, single point latch, door coordinator, and automatic flush bolts.

Set No. 3: UL-listed interlock and elevator hardware (header track, hangers, and rollers).

### Door

Each door panel consists of a front and rear steel sheet bonded together with internal steel stiffeners and top and bottom steel channels. The doors are provided with reinforcements and cutouts required for the various hardware that is to be used with them.

### Frame

Each frame is of minimum 14-gauge steel. The frames can be furnished either welded together or in three components to be mechanically fastened together in the field. The frames are provided with anchors for attachment to the wall and reinforcements and cutouts as required for hardware items.

### Hardware

The door and frame assemblies require the hardware noted in the above table to complete their installation. In addition, for sliding doors, the following hardware items are furnished as part of the assembly: two bottom guides for each panel, a steel trailing edge hook for the last panel to attach to the frame, an aluminum sill, steel struts, and all the brackets and fasteners to attach the hardware components to the assembly.

**Terms and Conditions:** The above-described fire-rated elevator doors and frames are accepted with the following conditions:

1. Doors and frames shall be used where Class "B" or less rating is required.
2. Doors shall be operated by an approved fusible link or other New York City-approved automatic closing mechanism.

3. Doors shall be installed in accordance with testing laboratory limitations, Manufacturer instructions and Reference Standard RS 5-8 (NFPA 80) for Class "B" openings.
4. 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.
5. 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 October 9, 2007

Examined By Siun Desphelan