

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 186-03-M

Report of Material and Equipment Acceptance Division

Manufacturer—Northern Elevator, 270 Finchdene Square, Scarborough, Ontario M1X 1A5.

Trade Name – Thyssenkrupp Northern Elevator.

Product – Passenger elevator fire door assemblies.

Pertinent Code Section(s) – 27-342.

Prescribed Tests – RS 5-6 (ASTM E152).

Laboratory – Underwriters Laboratories, of Canada.

Test Report- UL File CR1511 dated January 21, 1985.

Description – Passenger elevator fire doors, horizontally sliding, single-slide opening and centre-parting elevator fire door and frame assembly. The assemblies designed for the protection of openings in fire walls or fire separations required to have a fire resistance rating of up to and including 3h. The centre opening doors are designed for an opening 1220 mm wide by 2140 mm high. The single slide door was designed for an opening 1070 mm wide by 2140 mm high. The door panels are designed with a single face sheet, 1.2 mm thick with 1.0 mm thick “hat” shaped horizontal steel stiffeners, spaced 285 mm OC, spot welded to the face panels 140 mm OC. The vertical edge channels are formed from 1.2 mm thick steel. The structural frames are formed from strut angles of 2.0 mm thick steel bolted to an aluminum sill by means of steel angle brackets. The 2.0 mm thick integral steel track is bolted to the top of the struts.

Recommendation – That the above described elevator door assemblies, be accepted as having 2 hour fire protection rating when installed in accordance with Reference Standard RS 5-8 and RS 18-1 and when provided with an MEA accepted interlock assembly on condition that the certificates or labels accompanying all shipments be proving by 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. This acceptance is for fire rated of door panel and in no way includes the hardware or any other safety appurtenance thereto, which are required to fully conform with applicable provision of Building Code but have not been tested in conjunction with this application.

All shipments and deliveries of such materials shall 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

Sep/24/03

Examined by

S Dorflinger