

**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 Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner  
MEA 103-00-M

Report of Material and Equipment Acceptance Division

Manufacturer– Unitech Industries, Inc. 7525 N.W. 37<sup>th</sup> Avenue, Miami

Trade Name – Unitech.

Product – 1 1/2 Fire Rated elevator door assembly.

Pertinent Code Section(s) – 27-342.

Prescribed Tests– RS 5-6(ANSI E152).

Laboratory –Underwriters Laboratories Inc.

Test Report(s) – UL file R18576 dated August 13, 1997.

Description – USL Center-opening and multisection center-opening horizontally sliding hollow-metal, passenger elevator fire doors intended for 1-1/2 hours location. CNL Center-opening horizontally sliding hollow-metal, passenger elevator fire doors intended for 1-1/2 hours location.

**DOOR SIZES:**

All doors shall be 1-1/4 in. thick. The maximum door panel size shall not exceed the following:

Model No.	USL Height, in. (mm)	CNL Height, in. (mm)
Center Opening	120-1/2 (3061)	120-1/2 (3061)
Multisection, Center Opening	120-1/2 (3061)	

# - Panel may be marked qualified for fireman's service with listed "GAL" interlock, except when transom is used.

**DOOR PANEL CONSTRUCTION**

Each door consists of No. 16 gauge corridor panel and a No. 14 gauge shaft panel, hat-shaped stiffeners of No. 16 gauge steel plug-welded to the faces of the door 8 in. OC and 5-1/4 in. from each end, No. 14 gauge formed angle plug-welded at 32 in. OC and 1-3/4 in. from each end at the rear edge, No. 14 gauge top and bottom channels spot-welded to the underside of the top channel. The stiffeners shall be located 8 in. from the leading edge, 8 in. OC and not greater than 8 in. OC from the trailing edge. The stiffeners shall be 1-3/4 in. from the top and bottom edges of the door. Three firestops hooks shall be provided with each door.

DOOR GUIDES:

Two door guides shall be provided with each door. Each door gib is attached to the bottom of the door with three screws.

SIGHT GUARD:

The sight guard shall be attached to the leading edge of each door. The sight guard shall be the same height as the doors, and it is attached with screws or rivets.

CUTOUTS:

Three keyslots may be provided on the shaft side of the door. The cutouts shall be reinforced.

PAINTING:

Each door shall receive a good grade of corrosion resistant paint on the outside, and may or may not be painted on the inside. The painting of the inside of each door is not required. The sight guard shall also receive a good grade of corrosion resistant paint. A good grade of corrosion resistant paint cannot be readily removed from the surface to which it has been applied when rubbed with the hand or with a dry cloth.

Recommendation - That the above described door assemblies be accepted having 1-1/2 hour fire protection rating when installed in accordance with 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 provided by the testing laboratory 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. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control.

Final Acceptance JUN 28 2000  
Examined By S. Derphedam