



NYC Department of Buildings
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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 439-90-M Vol.2

Manufacturer: National Elevator Cab & Door Corp., 53-15 37th Avenue, Woodside, New York 11377

Trade Name(s): SecureSlide Elevator Entrance

Product: Fire rated elevator hoistway entrances.

Pertinent Code Section(s): 27-342, 27-987

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

Laboratory: Intertek Testing Services

Test Report(s): No. 3064939

Description – Single speed horizontally sliding passenger elevator shaft fire door assemblies, consisting of hollow metal sandwich construction doors, door frame, aluminum sill, header, struts, track, hanger or sheave assembly and interlock. The assembly may include a stationary panel. The assemblies are designed for the protection of an opening in a wall for 1-1/2 hour (B) locations. The maximum opening size is 42 inches in width and 96 inches in height with one door panel.

The doors are 1-5/16 inches thick of hollow metal sandwich construction with 0.060 inch steel shaft side/stiffener panels and a 0.050 inch steel hallway panel. The stiffener panels are spot welded to the hallway panel on 10 to 12 inch centers and tack welded to each other on 10 to 12 inch centers. Top and bottom channels made from 0.060 inch steel also enclose the stiffener panels.

The door has three guides at the bottom. Two guides are nylon and one guide must be at least 7 inches long and made from 0.105 inch steel.

The frame has one head jamb and two side jambs made of 0.060 inch steel with three anchors in each side jamb. The frame can be installed in drywall construction consisting of two layers of ½ inch gypsum wallboard construction on the hall side and 1 inch gypsum liner on the shaft side, or in masonry construction consisting of 4 inch (nom.) concrete blocks. If a stationary panel is included, the panel can be covered with a single layer of ½ inch gypsum wallboard or concrete wallboard. The panel is hollow metal sandwich construction with two layers of 0.050 inch steel, spot welded on 10 to 12 inch centers.

The door is suspended from a formed header of 0.105 inch steel. The header is held up by formed struts of 0.105 inch steel, which are bolted to the ends of the sill. The sill is made from extruded aluminum.

The door travels using hardware provided by an elevator entrance hardware Manufacturer, consisting of a channel-shaped track bolted to the header, upthrust rollers and nylon roller sheaves and an interlock assembly.

Terms and Conditions: The above described elevator door assemblies, be accepted as having 1-1/2 hour fire protection rating when installed in accordance with Reference Standard RS 5-8 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. All shipments and deliveries of such materials shall, in addition, be accompanied by a metal tag, suitably placed, 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 Building Code.

Final Acceptance March 30, 2006

Examined by Simon Derfudan