



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.3

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

Trade Name(s): SecureSlide™ Center-Opening Elevator Entrance (C2S-D0-5496). SecureSlide™ Two-Speed Elevator Entrance (C2S-D0-5496).

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. 3078360 and No. 3085252 (CCO-D0-5496). No. 3087630 (C2S-D0-5496).

Description – Center-opening (CCO-D0-5496) and two-speed (C2S-D0-5496) horizontally sliding passenger elevator shaft fire door assemblies, consisting of hollow metal sandwich construction doors, door frame, aluminum sill, heater, 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 54 inches in width and 96 inches in height with two door panels.

The doors are 1-5/16 inches thick of hollow metal sandwich construction with steel panels. Stiffener panels are spot welded or chemically adhered 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 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 steel.

The frame has one hand jamb and two side jambs made of 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 of hollow metal sandwich construction with two layers of steel, spot welded on 10 to 12 inch centers.

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

The door travels using rated hardware provided by an elevator entrance hardware manufacturer, consisting of a channel-shaped track bolted to the header, up thrust rollers with 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 S. van Derkudam