



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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 284-02-M Vol. II

**Manufacturer:** Velis Associates, Inc., 151 South 14<sup>th</sup> St., Lindenhurst, NY 11757.

**Trade Name(s):** Velis.

**Product:** Passenger elevator fire door assemblies.

**Pertinent Code Section(s):** 27-342.

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

**Laboratory:** Underwriters Laboratories Inc.

**Test Report(s):** UL file R20879 dated April 29, 2002 and R20742 dated April 18, 2002, and revised June 20, 2002 and June 21, 2005.

**Description:** Single Slide side open (SSSO), multi-sectional single slide, 2 speed side open and center-opening (SSCO) horizontally sliding hollow-metal passenger elevator fire doors intended for 1-1/2 h locations in drywall construction. All doors shall be 1-1/4 in. thick minimum, 2-3/4 in. maximum. The maximum door panel size shall not exceed the values given in the Table below. The maximum size clear opening intended for the center parting and single slide doors is also specified in the Table.

Model	Height, in. (mm)	Width, in. (mm)+	Intended Clear Opening Size, W x H, in. (mm)
Single Slide	96-1/2 (2151)	43-1/2 (1105)	42 x 96 (1067 x 2438)
Single Slide, 2 Speed	96-1/2 (2151)	43-1/2 (1105) +	84 x 96 (2134 x 2438)
Center Parting	96-1/2 (2151)	24-3/4 (629)	48 x 96 (1219 x 2438)
Center Parting, 2 Speed	96-1/2 (2151)	24-3/4 (629) +	96 x 96 (2438 x 2438)

+ - Maximum size of each individual door panel.

#### Door

The single-slide door assembly is for an opening nominally 42 in. wide by 96 in. high. The center opening sliding door assembly was for an opening nominally 48 in. wide by 96 in. high.

Each door consisted of a steel face, galvanized steel door back panel with galvanized steel hat shaped stiffeners that were secured to the front of the steel face panel. The bottom of each door was provided with 2 guide assemblies and at the center a Z-shaped safety bracket.

Each door of the SSCO assembly utilized a steel sight guard at the meeting edge. The lead edge of door of the SSSO assembly also utilized a steel sight guard.

#### Frame

The frame in which the door was mounted was a pressed-steel type frame, manufactured from No. 14 gauge, cold rolled steel.

In addition, the interior of the frame utilized a 16 gauge steel drywall back plate welded to the front and back of the frame jamb.

#### Hardware

The assembly was provided with UL listed passenger elevator hardware (header track, hangers, rollers, and Interlock) manufactured by GAL

The assembly was also provided with the manufacturer's own passenger elevator hardware, which consisted of a steel saddle and buck fastening assembly, mounting bracket uprights, struts, extruded aluminum track assembly, and steel stock brackets.

**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, ad provided for in Section 27-131 of the Building Code.

Final Acceptance December 23, 2005  
Examined By Simon Derkudam