

John E. Scates, Professional Engineer

September 26, 2023

Overhead Door Corporation
2501 S State Hwy 121 Bus, Suite 200
Lewisville, TX 75067

Re: FL 00742
Evaluation Report for Series 600 CoilAway Rolling Doors

To Whom It May Concern:

As requested by Overhead Door Corporation, I have confirmed the wind load door designs shown on the drawings listed below. I have reviewed the independent tests by Architectural Testing Inc., the rational engineering analysis, and the product drawings. I have concluded that the door designs are in compliance with the 8th Edition (2023) Florida Building Code.

This evaluation was built upon a foundation of testing used to validate the engineering calculation methods at known points. Using these calculation methods, the door configurations listed on the drawings were then designed within the allowable limits established by the door test.

Drawings

Static Pressure products:

308114 Rev. E "Series 600 Coil-Away Door" up to +41/-41 psf design
Limitations: 41 psf Design, Maximum door width 16', Maximum door height 16'
Maximum psf is not available at maximum width. See chart on the drawing.

Installation Instructions

The drawings provide installation instructions peculiar to windload reinforcement.

Jamb Attachment

The door is to be secured to the building using the fasteners specified in the Chart and Notes as a minimum.

Architects and other users are reminded that rolling door products can produce substantial “catenary” loads that pull toward the center of the opening during wind load in addition to the normal “perpendicular” forces. The building structure must be designed to withstand the “normal” and “parallel” forces, which are tabulated in the Chart and illustrated in Section “B-B”.

Test Reports

All testing was conducted in a manner that complied with ANSI/DASMA 108-2017.

Testing was conducted at Architectural Testing Inc (ATI) at 130 Derry Court, York, PA.

Static Pressure Testing:

Test report No. ATI 01-41331.10

Additional Limitations

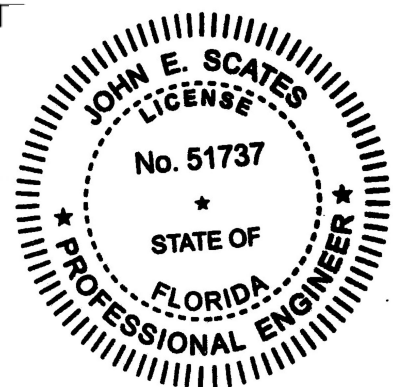
The drawings cited above are an explicit part of this evaluation report. The text of this report does not attempt to address all design details but relies upon the illustrations and text of these drawings and instructions as well.

The door is to be constructed according to the drawing, including the wall angle thickness as tabulated in Chart A.

This product **is not** intended for the Florida High Velocity Hurricane Zone (HVHZ).

Digitally signed by John E Scates
Date: 2023.09.26 17:24:06 -05'00'

John E. Scates, P.E.
Florida PE # 51737



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