

John E. Scates, Professional Engineer

December 17, 2023

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

Re: Model 470DT
Evaluation Report for Model 470DT sandwich door

To Whom It May Concern:

At the request of Overhead Door Corporation, I have reviewed the drawing and test listed below. This door was tested for static pressure according to ANSI/DASMA 108, and for impact per ANSI/DASMA 115. The pressures listed on the drawings are a direct result of these tests. I have concluded that the construction shown on this drawing complies with the structural requirements of the 8th Edition (2023) of the Florida Building Code. I certify that I meet the requirements of "independence" as detailed in Florida Statutes.

Drawings

412929 Rev-, Model 470DT, Option Code 3000 up to 9'-2" wide, +32.6 / -36.9 psf

Note: The drawing titles above are simply descriptive, and do not represent any limitation on the sizes and pressures.

Test Reports

This product was tested for **Static and Impact (windborne debris) requirements.**

	DASMA 108	DASMA 115
412929 oc3000	AETR 00869s	AETR 00869i

Test Facility & Procedures

Static testing was conducted in a manner that complied with **ANSI/DASMA 108-2017** at the Overhead Door TREQ test facility in Dallas, Texas in 2024.

Impact and Pressure Cycle testing was conducted in a manner that complied with **ANSI/DASMA 115-2017** at the Overhead Door TREQ test facility in Dallas, Texas in 2024.

These doors are *not* intended for the High Velocity Hurricane Zone (HVHZ).

The TREQ laboratory was accredited for these procedures at the time of testing.
The TREQ tests were witnessed and signed by me, a licensed PE of Florida.

Installation Instructions

The drawings provide installation instructions peculiar to windload reinforcement.

Jamb attachment:

The door may be mounted directly to a wood-framed opening. If the wood is Southern Pine (Spec. Gravity 0.55), lag screw embedment is 1-1/2" minimum. If softer wood (SFP), use longer lag screws with embedment of 2-1/8" minimum.

This Evaluation Report does not address design of the wall/jambs themselves. These drawings only illustrate common means to attach the door to the jambs. Walls and Jambs should be designed (by others) to withstand the loads imposed by the door onto the building.

Model Descriptions

This product approval encompasses the Model 470DT.

This model is constructed by assembling two (2) styrene- insulated steel sections that are bonded and screwed together to form a 4-inch thick section.

Additional Limitations

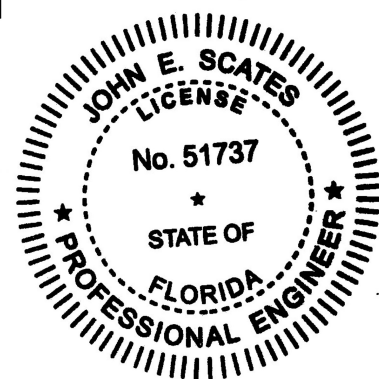
The drawings cited above are an explicit part of this evaluation report. The text of this report does not attempt to address all design details but relies upon the illustrations and text of these drawings and instructions as well.

The horizontal track may be reinforced with an angle as needed to support the door weight. The construction of the horizontal track, including the track thickness and additional support when needed, is determined by Overhead Door and does not affect this windload evaluation.

The bottom fixture may be upgraded from the tested part shown on the drawings based on the door weight, as determined by Overhead Door.

The rated pressures may not be achieved unless the door is held closed during the wind event. The door must be locked closed. Both tracks must be engaged with a lock (right and left side).

This product was tested for both static and impact in the wind-borne debris regions. It is *not* intended for the Florida High Velocity Hurricane Zone (HVHZ).



Digitally signed by John E Scates

Date: 2024.12.17 19:52:44 -06'00'

John E. Scates, P.E.

Florida PE # 51737

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.