

John E. Scates, Professional Engineer

September 3, 2020

Wayne-Dalton, A Division of Overhead Door Corporation
2501 S State Hwy 121 Bus, Suite 200
Lewisville, TX 75067

Re: FL 29618-R1
Evaluation Report for Commercial Pan overhead garage doors

To Whom It May Concern:

At the request of Wayne-Dalton, a Division of Overhead Door Corporation, I have reviewed the drawings and tests listed below. These doors were tested for static pressure according to TAS 202. Additional impact and cycle testing was performed on all doors according TAS 201/203. The pressures listed on the drawings are a direct result of these tests. I have concluded that the construction shown on these drawings comply with the structural requirements of the 7th Edition (2020) of the Florida Building Code. I certify that I meet the requirements of "independence" as detailed in Florida Statutes.

This application mirrors Miami/Dade NOA 18-0122.03/.04

Drawings

D-361777 Rev P0, Models C20/C24, Option Code 2500 up to 10'-2" wide,	+50.0/-56.0 psf
D-361778 Rev P0, Models C20/C24, Option Code 2501 up to 14'-2" wide,	+50.0/-56.0 psf

Test Reports

These products were tested for Static and Impact (windborne debris) requirements.

	TAS 202 + TAS 201/203
D-361777 Option Code 2500	Intertek G6343.03-801-18-R1
D-361778 Option Code 2501	Intertek G6343.01-801-18-R2

Test Facility & Procedures

Static and Impact testing was conducted in accordance with **TAS 201/202/203 (-94)** by:
Intertek
1909 10th Street, Suite 100
Plano, TX.

These doors are suitable for use in the High Velocity Hurricane Zone (HVHZ).

This laboratory was accredited for these procedures at the time of testing.
The tests reports were signed by a licensed professional engineer of Florida.

The test reports cited,
Miami-Dade County Notification No. ATITX 10108
Laboratory Certification No. 12-1024.05

Installation Instructions

The drawings provide installation instructions peculiar to windload reinforcement.

Jamb attachment:

The door may be mounted:

1. Directly to a wood-framed opening only if the wood is Southern Pine (Spec. Gravity 0.55).
2. Alternately, 2x6 Southern Pine wood "Back Jamb" or "bucks" can be mounted to building jambs of Wood, Filled CMU, or Concrete.
3. Alternately, the door track may be mounted directly to buildings jambs of steel, filled CMU, or Concrete.

See Sheet 2 of each drawing for further instructions and limitations for Jamb Attachment.

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 Models C24 and C20 family of products. These are commercial sectional overhead garage doors constructed of painted galvanized steel sections. The pan doors are two-inch thick with tongue and groove sections. They are constructed of 24 gage (C24) or 20 gage (C20) G-40 galvanized steel, with two coats of polyester primer and paint. Each section is reinforced with 20 gage end stiles and 20 gage steel center stiles.

Doors are available with optional insulation and steel backer.

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 Wayne-Dalton and does not affect this windload evaluation.

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

Doors are available in sections heights up to 24-inches tall.

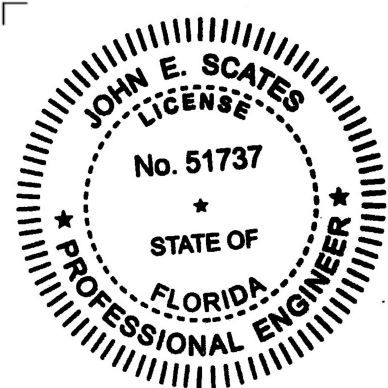
Door height is limited to 24'-1" nominal.

These doors are suitable for use in the High Velocity Hurricane Zone (HVHZ).

Digitally signed by John E. Scates, P.E.
Date: 2020.09.03 20:37:09 -05'00'

John E. Scates, P.E.

Florida PE # 51737



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