

John E. Scates, Professional Engineer

October 27, 2023

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

Re: FL 10819
Evaluation Report for Residential Model 9800

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 to ANSI/DASMA 108 procedures at an accredited laboratory. 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 8th Edition (2023) of the Florida Building Code. I certify that I meet the requirements of "independence" as detailed in Florida Statutes

Drawings

Drawing 327931 RevE Option Code 1200, up to 9' wide +22.9 / -26.3 psf
Drawing 327932 RevE Option Code 1201, up to 9' wide +31.2 / -35.8 psf
Drawing 327933 RevE Option Code 1202, up to 9' wide +41.0 / -46.3 psf

Drawing 327934 RevE Option Code 1220, up to 16' wide +15.3 / -17.0 psf
Drawing 327935 RevE Option Code 1221, up to 16' wide +23.0 / -25.0 psf
Drawing 327943 RevF Option Code 1222, up to 16' wide +34.4 / -38.3 psf

Test Reports

These products were tested for **Static pressure only**.

Drawing 327931, Option Code 1200
ETR 07814 Model 9800 9x7 with tall windows
ETR 07648 Model 9800 9x7 with wide windows

Drawing 327932, Option Code 1201

ETR 07815 Model 9800 9x7 with tall windows
ETR 07649 Model 9800 9x7 with wide windows

Drawing 327933, Option Code 1202

ETR 07816 Model 9800 9x7 with tall windows
ETR 07650 Model 9800 9x7 with wide windows

Drawing 327934, Option Code 1220

ETR 08001 Model 9800 16x7 with tall windows
ETR 07651 Model 9800 16x7 with wide windows

Drawing 327935, Option Code 1221

ETR 08002 Model 9800 16x7 with tall windows
ETR 07652 Model 9800 16x7 with wide windows

Drawing 327943, Option Code 1222

ETR 07819 Model 9800 16x7 with tall windows
ETR 07767 Model 9800 16x7 with wide windows
ETR 07765 Model 9800 16x8 with wide windows
ETR 07766 Model 9800 16x8 with no windows (Sonoma exterior)

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.

The test lab was accredited for these procedures at the time of testing.

The TREQ tests were witnessed and signed by John E. Scates P.E., a licensed PE of Florida.

Installation Instructions

The drawings provide installation instructions peculiar to windload reinforcement.

Jamb attachment:

The "Jamb Connection Supplement" provides information for attaching the door to the building. The "Track Supplement" provides information on substituting commercial track.

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

Model 9800 is a 1-inch thick sandwich door constructed with foamed-in-place polyurethane foam insulation chemically bonded to a minimum 0.070" thick fiberglass exterior face and 27 ga. 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.

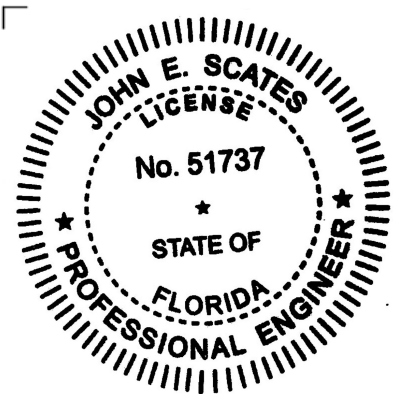
The rated pressures may not be achieved unless the door is held closed during the wind event. The door must be locked closed, or alternately an electric drawbar operator attached to the door prior to the wind event.

These products were not tested for wind-borne debris. However, when constructed without glazing, they may qualify for use in wind-borne debris regions according the FBC.

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

Digitally signed by John E Scates
Date: 2023.10.27 15:47:36 -05'00'

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



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