

John E. Scates, Professional Engineer

September 18, 2020

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

Re: FL 17167-R4
Evaluation Report for Residential Model 980/7800

To Whom It May Concern:

At the request 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 7th Edition (2020) of the Florida Building Code. I certify that I meet the requirements of "independence" as detailed in Florida Statutes

Drawings

Drawing 411357 RevB	up to 9' wide x 10' tall	+22.9 / -26.3 psf
Drawing 411358 RevB	up to 9' wide x 10' tall	+31.2 / -35.8 psf
Drawing 411359 RevB	up to 9' wide x 10' tall	+41.0 / -46.3 psf
Drawing 411360 RevB	up to 16' wide x 10' tall	+15.3 / -17.0 psf
Drawing 411361 RevB	up to 16' wide x 10' tall	+23.0 / -25.0 psf
Drawing 411362 RevB	up to 16' wide x 8' tall	+34.4 / -38.3 psf

Test Reports

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

Drawing 411357
ETR 07814 Model 980/7800 9x7 with tall windows
ETR 07648 Model 980/7800 9x7 with wide windows

Drawing 411358
ETR 07815 Model 980/7800 9x7 with tall windows
ETR 07649 Model 980/7800 9x7 with wide windows

Drawing 411359

ETR 07816 Model 980/7800 9x7 with tall windows

ETR 07650 Model 980/7800 9x7 with wide windows

Drawing 411360

ETR 08001 Model 980/7800 16x7 with tall windows

ETR 07651 Model 980/7800 16x7 with wide windows

Drawing 411361

ETR 08002 Model 980/7800 16x7 with tall windows

ETR 07652 Model 980/7800 16x7 with wide windows

Drawing 411362

ETR 07819 Model 980/7800 16x7 with tall windows

ETR 07767 Model 980/7800 16x7 with wide windows

ETR 07765 Model 980/7800 16x8 with wide windows

ETR 07766 Model 980/7800 16x8 with no windows (Sonoma exterior)

Test Facility & Procedures

Static testing was conducted in accordance with **ANSI/DASMA 108-05 (and -2012, -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 980 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.

Model 7800 is approved as a newer designation for the same product.

Additional Limitations

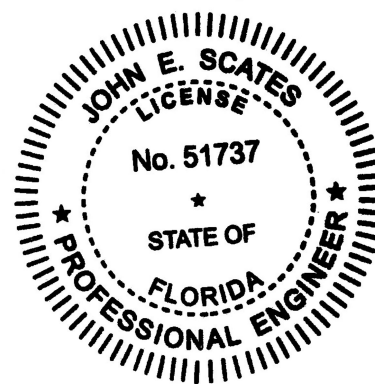
The drawings cited above are an explicit part of this evaluation report. The text of this report does not attempt to address all design details but relies upon the illustrations and text of these drawings and instructions as well.

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 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, P.E.

Date: 2020.09.18 14:48:34 -05'00'

John E. Scates, P.E.

Florida PE # 51737

The digitally signed file is the original. Printed copies are not originals (just as copies of paper-signed documents are not originals).