

John E. Scates, Professional Engineer

October 13, 2025

DuraFlex LLC
899 Venture Blvd
Wooster, Ohio 44691

Re: FL 46845-r3
Evaluation Report for DuraFlex garage door family

To Whom It May Concern:

At the request of DuraFlex LLC, I have reviewed the drawings and tests listed below. These doors were tested for static pressure according to ANSI/DASMA 108. The pressures listed on the drawings are a direct result of these tests, or comparative rational analysis. 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 and IBC/IRC 2018 (Texas). I certify that I meet the requirements of "independence" as detailed in Florida Statutes.

Drawings

<u>←----- Drawing -----→</u>					<u>Test Report</u>
DF ATIN	110W	+45.0 / -50.8 psf	9' -2" wide	Rev(1)	Test T150-24
DF ATIN WL	146W	+33.9 / -37.8 psf	12'-2" wide	Rev(1)	Test T149-24
DF2 CI	110W	+45.0 / -50.8 psf	9' -2" wide	Rev(1)	Test T148-24
DF2 CI	146W	+33.9 / -37.8 psf	12'-2" wide	Rev(1)	Test T146-24
DFN	110W	+39.9 / -45.0 psf	9' -2" wide	Rev(1)	Test T156-24
DFN	146W	+27.8 / -31.1 psf	12'-2" wide	Rev(1)	Test T153-24
DFN	110W	+45.0 / -50.8 psf	9' -2" wide	Rev(1)	Test T157-24
DFN WL	146W	+44.1 / -49.4 psf	12'-2" wide	Rev(1)	Test T151-24
DF DR-00114	146W	+30.0 / -34.2	12'-2" wide	Rev(0)	Test T301-25

Note: The drawing titles above are simply descriptive, and do not represent any limitation on the sizes and pressures. See Width vs PSF chart on the drawing for other pressures.

Test Facility & Procedures

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

Farabaugh Engineering and Testing, Inc.
401 Wide Drive
McKeesport, PA 15135
(412) 751-4001
www.fetlabs.com

This lab was accredited for these procedures at the time of testing.
The tests reports were signed by Daniel G Farabaugh, PE (FL PE 48349)

Installation Instructions

The drawings provide installation instructions for windload reinforcement.

Jamb attachment:

This is a commercial door intended for Steel or Concrete Jambs.
The second page of each drawing illustrates wall attachment fasteners.
The third page of each drawing specifies the spacing and location of these fasteners.

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

The products are sectional overhead doors designed for commercial use. The sections are constructed so that they will flex if bumped or impacted and resist damage that would render the door inoperable. The door sections are 1.8"-2" nominal thick and are assembled from fiberglass reinforced plastic framing, 3mm composite exterior skin (80 KSI Steel Laminated to HDPE), 1/8" thick thermoplastic polyolefin interior skin (insulated panels only), 1-1/2" expanded polystyrene insulation and black reinforced PVC seals. The hardware and tracks are hot dipped galvanized for corrosion protection. All components are manufactured according to their specific supplier's quality assurance process. Multiple designs are available:

DFB -Materials are secured together with zinc plated steel bolts & post barrel nuts.

DFI -Materials are secured together with acrylic tape and rivets.

DFN -Materials are secured together with acrylic tape and rivets.

DFN (WL) -Materials are secured together with acrylic tape and rivets. 4 tubes are used along with double endcaps to allow for two hinges/ brackets at both ends of each panel.

DFF -Materials are secured together with acrylic tape and rivets.

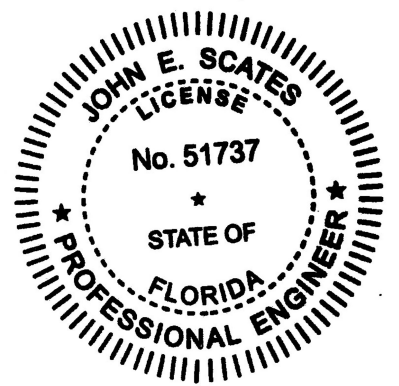
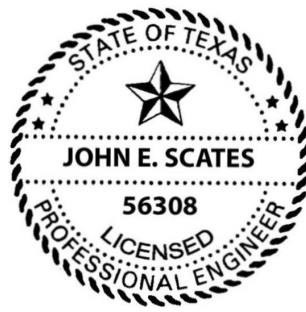
Additional Limitations

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 DuraFlex 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.

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



Digitally signed by John E Scates
Date: 2025.10.13 13:55:18 -04'00'

John E. Scates, P.E.

Florida PE # 51737

Texas PE 56308 / F-2203

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