

## John E. Scates, Professional Engineer

April 14, 2026

ProDoor Mfg Co  
6030 Gateway Dr.  
Plainfield, IN 46168

Re: FL Product Approval - Pan Doors  
**Evaluation Report for Residential Pan Doors Model 5111 family**

To Whom It May Concern:

At the request of ProDoor Mfg Co, I have reviewed the drawings and tests listed below. The pressures listed on the drawings are either direct results of the tests, or results obtained through rational engineering analysis based on the actual tests. I have concluded that the construction shown on these drawings complies with the wind load requirements of the 8th Edition (2023) of the Florida Building Code, and IBC/IRC 2018/2021/2024 (Texas). I certify that I meet the requirements of "independence" as detailed in Florida Statutes.

### Drawings

#### These products were tested to DASMA 108 (static):

|               |                    |                       |
|---------------|--------------------|-----------------------|
| P-5000, Rev0, | 9' wide x 7' tall  | for +11.8 / -13.4 psf |
| P-5001, Rev0, | 9' wide x 7' tall  | for +15.1 / -17.1 psf |
| P-5002, Rev0, | 12' wide x 7' tall | for +15.1 / -17.1 psf |
| P-5002, Rev0, | 16' wide x 7' tall | for +11.3 / -12.6 psf |

### Test Reports

Static testing was conducted in accordance with **ANSI/DASMA 108-17**.

The Model 5111 pan (Legacy Collection) was tested, understood to be the minimum or equivalent of all models listed herein.

The CCL test reports are:

|                   |         |                    |                                |
|-------------------|---------|--------------------|--------------------------------|
| CCL Report 26-060 | P-5001, | 9' wide x 7' tall  | (3) struts                     |
| CCL Report 26-061 | P-5000, | 9' wide x 7' tall  | (4) struts                     |
| CCL Report 26-062 | P-5002, | 16' wide x 7' tall | both 12' and 16' are on P-5002 |
| CCL Report 26-063 | P-5002, | 12' wide x 7' tall | both 12' and 16' are on P-5002 |

## Test Lab

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Windload tests were conducted at Construction Consulting Laboratory (CCL) in Carrollton, TX. This facility was accredited to conduct the DASHMA 108 test procedure at the time of testing.

The test reports were witnessed and signed by a Florida P.E., John E. Scates.

## Installation

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The drawings illustrate the relevant windload details for installation of the doors.

### Jamb Attachment:

The track brackets of the door must be secured directly to a bare wood surface.

- The wood must be (SP / SYP) Southern Pine / Southern Yellow Pine.

It is recommended that the door opening be framed on the inside face with 2x6 Southern Pine secured to the building as a mounting surface for the door itself. This provides a method where the building is not Southern Pine, or where drywall is present. Various means of fastening the 2x6 to the building are illustrated on Sheet 2 of each door drawing.

The direct mounting of door track on top of drywall or other non-structural material is outside of the scope of this wind load evaluation. (A 2x6 may be mounted on drywall, but track brackets must rest on wood.)

The location of the track brackets as shown on these drawings may vary by plus or minus 2 inches.

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

## Model Descriptions

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These door models are included in this approval for all drawings:

All doors are 2-inch nominal thickness:

|                                                     |                                    |
|-----------------------------------------------------|------------------------------------|
| Models 5110, 5111 (tested), 5112, 5113, 5118, 5122. | (25 ga, uninsulated)               |
| Models 5210, 5211, 5212, 5213, 5218, 5222.          | (25 ga, w/ 2-layer EPS insulation) |
| Models 4110, 4111, 4112, 4113, 4118, 4122.          | (24 ga, uninsulated)               |
| Models 4210, 4211, 4212, 4213, 4218, 4222.          | (24 ga w/ 2-layer EPS insulation)  |

Model xx10 has Classic Raised Short Panel emboss pattern.  
Model xx11 has Classic Raised Long Panel emboss pattern.  
Model xx12 has Carriage Short Panel emboss pattern.  
Model xx13 has Carriage Long Panel emboss pattern.  
Model xx18 has Shaker Panel emboss pattern.  
Model xx22 has Shaker Panel emboss pattern.

## **Additional Limitations**

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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.

Each door should be chosen based on the "psf" requirement determined for a specific installation or locale.

The maximum door width approved with this report is 16' wide.  
The maximum door height approved with this report is 6-sections.

Double-track Low Headroom is not available at this time.  
A "quick-turn" low-headroom device may NOT be used on windloaded doors.

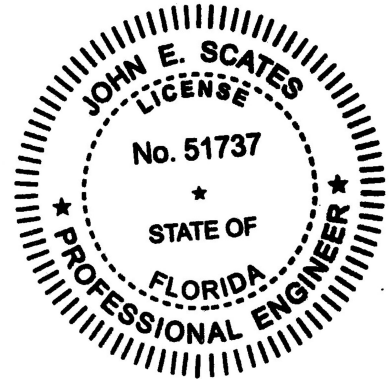
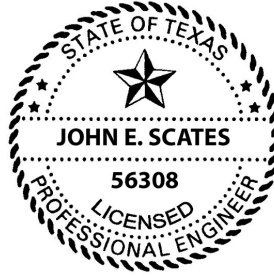
The horizontal track may be reinforced with an angle as needed to support the door weight. The construction of the horizontal track, including the track thickness, is determined by Windsor Door and does not affect this windload evaluation.

Stop molding or wood trim must be installed along the vertical jambs and across the header of the opening so that the size of the opening is reduced sufficiently to provide at least 5/16-inch of overlap with each edge of the door. Stop molding is to be secured with 4d or larger nails, or #8 screws on spacing not to exceed 12-inch spacing. "Finishing nails" may not be used: The larger head of the 4d or screw is a requirement.

The rated pressures may not be achieved unless the door is held closed during the wind event. Locks must be engaged into both tracks.

Some of the products offer impact glazing as an option, per the notes on the drawing.

This product has not been impact tested, and is not for use in the High Velocity Hurricane Zone (HVHZ).



Digitally signed by John E Scates  
Date: 2026.04.14 06:25:44 -05'00'

John E. Scates, P.E.  
**Florida PE # 51737**  
**TX PE 56307 / F-2203**

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