EVALUATION REPORT OF
CENTRAL STATES MANUFACTURING, INC.
'MODEL 7500 DOORS'

FLORIDA BUILDING CODE 8TH EDITION (2023)
FLORIDA PRODUCT APPROVAL
FL 47173.2-R1
EXTERIOR DOORS
ROLL-UP EXTERIOR DOOR ASSEMBLY

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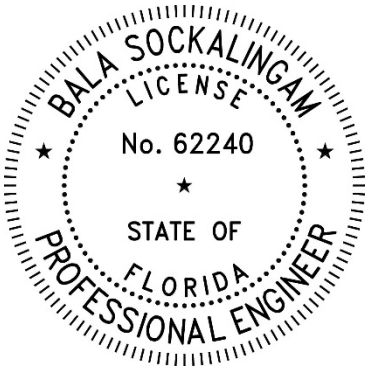
This report consists of
Evaluation Report (3 Pages including cover)
Installation Details (2 Pages)

Report No. C2882-2
Date: 3.21.2025



This item has been digitally signed and sealed by Bala Sockalingam, PE, on the date indicated.

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Manufacturer:	Central States Manufacturing, Inc.
Product Name:	Model 7500 Doors
Panel Description:	Max. 10' 0" wide, max. 10' 0" high roll-up doors.
Door Panels:	Min. 26 ga., 80 ksi steel galvanized coated steel (ASTM A653), as per FBC 2023 Section 1405.2, with primer and baked polyester finish coat Max. 122.5" wide x 20" high x 0.625" deep corrugated panel with corrugation pitch at 3.33" o.c. The door panels are suspended from a drum roller at the top of the door. The panels were interlocked mechanically along the panel splice.
Wind Clips:	Wind clips are required for door widths greater than 6'. Wind clips are stamped tee sections fabricated from 12 ga. ASTM A653 Grade 33 steel. The clips are 2.05" long, 2" wide and 1.6" deep. Wind clips are fastened at door panels at both ends of the door. These clips are placed at every other rib starting from the first rib above bottom bar. Wind clips are fastened to the panel with minimum two 3/16" blind galvanized rivets.
Design Pressure:	+40.0/-51.0 psf for door width of 3' 0" +23.3/-29.2 psf for door width of 6' 0" +33.2/-36.8 psf for door width of 7' 0" with wind clips +29.0/-32.2 psf for door width of 8' 0" with wind clips +26.8/-29.7 psf for door width of 8' 8" with wind clips +19.4/-22.7 psf for door width of 10' 0" with wind clips The above design pressures were obtained from full scale tests. The design pressures for other door widths are determined by interpolation between tested widths.
Door Guide:	1.6" wide, 2" deep 18 ga. (0.05" thick) door guides are fastened into door jambs with screws through every slotted hole of guides. The length of the guide varies with the height of the door.
Door Guide Fasteners:	For door widths equal to or less than 6', minimum ¼"-14 x 1" long self-drilling screws at maximum 32" o.c. For door widths greater than 6', minimum #12-14 x 1" long self-drilling pancake head screws at maximum 12" o.c. Corrosion-resistant fasteners. Fastener pullout capacity in door jambs must be designed by others.
Door Jambs:	Min 16 ga. steel supports. The door jamb must be designed by others. This evaluation report does not address the design of the wall/jambs, but provides the anticipated jamb loads F_x and F_y, as shown on Installation Sheet 2.

Test Standards:	Door assembly tested in accordance with ASTM E330-14(2021) "Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference" and the pass/fail criteria contained in Section 11 of ANSI/DASMA 108-2017.
Code Compliance:	The product described herein has demonstrated compliance with FBC 2023 Section 1709.5.2.1.
Product Limitations:	Design wind loads shall be determined for each project in accordance with FBC 2023 Section 1609 or ASCE 7-22 using allowable stress design. The door assemblies are not tested for impact resistance. This evaluation report is not applicable in High Velocity Hurricane Zone.
Supporting Documents:	ASTM E330 Test Reports ENCON Technology Inc. Project No. C2830-1, Reporting Date 10/22/2024 Project No. C2830-2, Reporting Date 10/22/2024 Project No. C2871-1, Reporting Date 2/15/2025 Project No. C2892-1, Reporting Date 3/14/2025