

**EVALUATION REPORT OF  
ROLL-UP DOOR, INC.'S  
'RDI SERIES 1000-WL DOORS'**

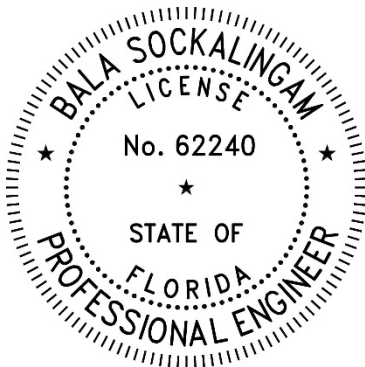
**FLORIDA BUILDING CODE 8TH EDITION (2023)  
FLORIDA PRODUCT APPROVAL  
FL 47146.1  
EXTERIOR DOORS  
ROLL-UP EXTERIOR DOOR ASSEMBLY**

**Prepared For:  
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**This report consists of  
Evaluation Report (3 Pages including cover)  
Installation Details (2 Pages)**

**Report No. C2855-1  
Date: 12.14.2024**



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

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Manufacturer:	Roll-Up Door, Inc.
Product Name:	RDI Series 1000-WL Doors
Panel Description:	Max. 8' 4" wide, max. 10' 0" high roll-up doors with windclips.
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. 103" wide x 20" high x 0.625" deep corrugated panel with corrugation pitch at 3.25" 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.
Windclips:	<p>Windclip are bent hook section fabricated from 0.09" thick ASTM A653 Grade 50 steel. The clips are 3.12" long, 1.13" wide and 1.0" deep. Windclips are fastened at both ends of the door panels and are placed at every third rib starting from the first rib above bottom bar. Windclips are fastened to the panel with three 3/16" zinc plate blind rivets.</p> <p>At the fifth windclip location, 1" wide, nominal 3/16" thick steel bar is welded to the windclips at both ends. The door panel is fastened to the steel bar at midspan with two 3/16" zinc plate blind rivets at 4" apart.</p>
Design Pressure:	$\pm 37.0$ psf for door width of 8' 4" $\pm 39.5$ psf for door width of 8' 0" or smaller width
Door Guide:	1.75" wide, 1.88" deep 18 ga. (0.053" 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:	Minimum ¼"-14 self-drilling stitch screws, ¼" Tapcon concrete anchors or ¼" wood lag screws. Corrosion-resistant fasteners. Fastener pullout and shear capacity in door jambs must be designed by others.
Door Jambs:	Min 14 ga. steel supports, Southern Yellow Pine or equivalent wood supports, or concrete filled blocks. 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 Report  
ENCON Technology Inc.  
Project No. C2840-1, Reporting Date 12/10/2024