

**PRODUCT EVALUATION REPORT**  
**Mueller, Inc.**

**Roll-Up Door**  
**Model W350**

**Florida Product Approval Number FL 29212.1**

**Category: Exterior Doors**

**Sub Category: Roll-Up Exterior Door Assembly**

**Compliance Method: 61G20-3.005 (1)(D)**

**NON-HVHZ**

**Product Manufacturer**

**Mueller, Inc.**  
**1915 Hutchings Avenue**  
**Ballinger, Texas 76821**

**Engineer Evaluator**

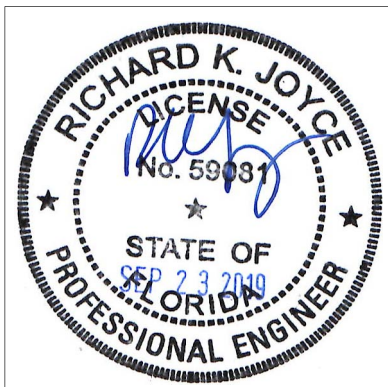
**R. Keith Joyce, P.E., Florida 59081**

**Validator**

**Dennis L. Johnson, P.E., Florida 54340**  
**Florida C.O.A. 30308**

**Contents**

**Evaluation Report Pages 1-3 Dated 09-10-19**



**Compliance Statement**

The product described in this report has demonstrated compliance with the 2017 (6<sup>th</sup> Edition) Florida Building Code Chapter 17.

**Testing Laboratory and Test Information**

Farabaugh Engineering and Testing Inc.  
Test Report T289-18 October 30, 2018  
Test Standard ASTM-E330 & DASMA 108

**Product Description**

Mueller Model W350 Roll-Up Doors with wind locks

**Panel Material Standard**

Formed steel in compliance with the 2017 (6<sup>th</sup> Edition) Florida Building Code Section 1405.2 with optional painted finish.

**Panel Fastener**

Corrosion Resistant: See Installation Manual

**Installation Requirements**

Installation into steel framed opening only. Minimum 14 gauge Grade 55 steel.  
Framing must be designed by a qualified design professional in accordance with the 2017 (6<sup>th</sup> Edition) Florida Building Code.

**Quality Assurance Entity**

The manufacturer has established compliance of products in accordance with the 2017 (6<sup>th</sup> Edition) Florida Building Code as relates to Rule 61G20-3.005(3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.

**Insulation**

Not Insulated

**Fire Classification**

Fire Classification is outside the scope of this evaluation

**Shear Diaphragm**

Shear Diaphragm is outside the scope of this evaluation

**Impact Resistance**

Non-Impact Resistant

**Air and Water Infiltration**

Has not been evaluated

**Design Procedure**

Based on dimensions of the structure, appropriate wind loads are determined using chapter 16 of the 2017 (6<sup>th</sup> Edition) Florida Building Code for component loading of wall components. These component wind loads are compared to the allowable load listed in the **Allowable Wind Load Table** of this evaluation report. The design professional shall confirm that the proposed door selection meets the allowable positive and negative wind load for the installation location and conditions.

**Mueller, Inc.**

**PRODUCT INFORMATION                      Model W350 Roll-Up Door**

**Allowable Wind Load Table**

Door Width (ft)	Load Direction	Door Height (ft)					Catenary Load (plf)
		8	10	12	14	16	
8 ft	Negative (psf)	-83.40	-85.66	-87.61	-89.32	-91.11	1464
	Positive (psf)	83.61	85.02	86.20	87.22	88.73	1478
10 ft	Negative (psf)	-66.72	-68.58	-70.18	-71.59	-72.86	1464
	Positive (psf)	66.89	68.03	68.99	69.82	70.56	1478
12 ft	Negative (psf)	-55.60	-57.19	-58.55	-59.76	-60.85	1464
	Positive (psf)	55.74	56.70	57.52	58.22	58.85	1478
14 ft	Negative (psf)	-47.66	-49.05	-50.24	-51.30	-52.25	1464
	Positive (psf)	47.78	48.62	49.32	49.93	50.48	1478
16 ft	Negative (psf)	-41.70	-42.94	-44.00	-44.94	-45.94	1464
	Positive (psf)	41.81	42.55	43.17	43.71	44.05	1478

Notes:

1. Installation into Minimum 14 Gauge Steel Jambs Grade 55 (Jamb Design by Others).
2. Door Jambs shall be designed to resist the listed catenary forces