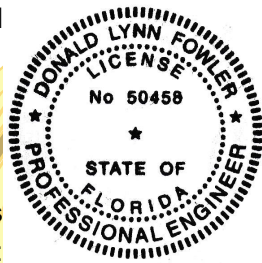


QMI Security Solutions

• 1661 Glenlake Avenue • Itasca, IL 60143 • Tel: 630.529.7111 • Fax: 630.980.6364

November 2, 2020

Digitally signed by:
Fowler, Donald
DN: CN = Fowler,
Donald OU =
Colleagues,
VeriClaim, O365
Users



Product Evaluation Report

Product Category:	Hurricane Shutters	Date: 2020.11.02 16:
Product Sub Category:	Roll up Shutters	14:36 -05'00'
Product Names:	Slat types: QOMPACT, AL7-E, P55ER, P55DER, P55TER, P55ER2ND, US60ER, & 1138ER	

Applicant: Roll-a-way by QMI
1661 Glenlake Avenue
Itasca, IL 60143

1. Purpose of Evaluation:

This report is based on Rule 9B-72, section 9B-72.070 Product Evaluation and Quality Assurance for State Approval, method 1 (d). The product described below has been verified for compliance in accordance with the 2020 edition of the Florida Building Code and the product is, for the purpose intended, at least equivalent to that required by the Code.

2. Evidence Submitted:

2.1 Product Approval Document:

Drawing number 3-01-031, titled NOTICE OF ACCEPTANCE END RETENTION PRODUCT APPROVAL, sheet 1, sheet 2, sheet 3, sheet 3A, sheet 3B, sheet 4, sheet 4A, sheet 5, sheets 6, sheet 7, sheet 7A, sheets 8 thru 9, sheet 9A, sheet 10, sheet 10A, sheet 11, sheet 11A, sheet 12, sheets 12A thru 12D, sheets 13 thru 20, sheets 20A thru 20C, sheets 21 thru 23, sheet 23A, sheet 23B, sheet 24, sheet 24A, and sheets 25 & 26 prepared by "Roll-a-way by QMI", signed and sealed by Donald L. Fowler, P.E.; dated 10-31-20.

2.2 Test Reports:

Large missile impact and cyclic testing under ASTM E 1886, ASTM E1996, TAS 201, and TAS 203 protocols as per section 1609.1.2 of the Florida Building Code. Uniform Static loads in accordance with TAS 202 and ASTM E 330 protocol, as per section 1609.1.2 of the Florida Building Code. Testing reports prepared by American Test Lab of South Florida, Hurricane Testing Laboratory, Inc., Certified Test Lab, and Architectural Testing Lab, Inc., Fenestration Testing Lab.

Lab reports ATL Report # 0126.01-00 dated 6/15/00, ATL Report # 0316.01-05 dated 5/13/05, HTL Job # 0006-0106-03 dated 2/10/03, HTL Job # 006-0224-03-11 dated 5/07/03, HTL Job # 006-0224-03-9 dated 5/07/03, HTL Job # 006-0104-05 dated 7/07/05, AT 91850.01-401-44-RO dated 7/24/09, CTL 2017W dated 4/07/10, and CTL 2017W-1 dated 4/16/10. Storm bar testing per reports HEIT -99-830A, HEIT-99-830B, and HEIT-99-830C dated 9-30-99. Compact testing per FTL Lab Number 6869.

2.3 Engineering:

All Roll Shutter span tables versus design wind loads are based on product testing, rational analysis, and comparative analysis in accordance with sections 1615 and 2002 of the Florida Building Code.

3.0 Missile Impact Resistance:

Large and Small Missile impact under section 1609.1.2 of the Florida Building Code, as per TAS 201 or ASTM E 1886/ASTM E 1996 Protocols.

4.0 Wind Loads Resistance:

Roll Shutter testing has been conducted to sustain the Installation drawing 3-01-031 wind pressures and anchor spacing at various slat spans.

5.0 Installation:

Product installation shall be performed strictly in accordance with the product approval drawing 3-01-031 details.

6.0 Materials:

All materials and components shall be as specified in the product approval drawing 3-01-031 details.

7.0 Limitations and Conditions of Use:

- a) These Roll Up Shutter products shall not be installed within the HIGH VELOCITY HURRICANE ZONE as defined in section 1620.2 of the Florida Building Code with the exception of the US60ER slat system that maybe installed at a maximum size of 8' by 8'.

***Product evaluation report prepared by Donald L.
Fowler, P.E FL License No. 50458***