

Engineering Evaluation Report – MULL1-042423

Prepared by:

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Manufacturer:

WinDoor Incorporated
104 Triple Diamond Blvd.
North Venice, FL 34275
(833) 554-5432

Product Description:

Aluminum Tube Mullions & Clips, LMI, Estate Series, FL-21144

Compliance:

The above-mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61 G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

This product has been evaluated and is in compliance with the current Florida Building Code, including the “High Velocity Hurricane Zone” (HVHZ).

Supporting Technical Documentation:

1. Approval Document: drawing number MULL-WD-1, signed and sealed by A. Lynn Miller, P.E.

2. Test Reports:

HTL-0080-0105-08, HTL-0080-0304-11 signed and sealed by Vinu J. Abraham, P.E.; Hurricane Testing Laboratory, Inc.

TAS 201-94 Large Missile Impact Test

TAS 202-94 Uniform Static Air Pressure Test

TAS 203-94 Cyclic Pressure Loading Test

HTL-0080-0303-96, HTL-0080-912-97 signed and sealed by Timothy S. Marshall, P.E.; Hurricane Testing Laboratory, Inc.

TAS 201-94 Large Missile Impact Test

TAS 202-94 Uniform Static Air Pressure Test

TAS 203-94 Cyclic Pressure Loading Test

HETI-96-525 signed and sealed by Hector M. Medina, P.E.; Hurricane Engineering and Testing, Inc.

TAS 201-94 Large Missile Impact Test

TAS 202-94 Uniform Static Air Pressure Test

TAS 203-94 Cyclic Pressure Loading Test

FTL 6443 signed and sealed by Marlin D. Brinson, P.E. Fenestration Testing Labs, Inc.; Venice, FL

TAS 201-94 Large Missile Impact Test

TAS 202-94 Uniform Static Air Pressure Test

TAS 203-94 Cyclic Pressure Loading Test

FTL 18-8511 signed and sealed by Idalmis Ortega, P.E. Fenestration Testing Labs, Inc.; Venice, FL

TAS 201-94 Large Missile Impact Test

TAS 202-94 Uniform Static Air Pressure Test

TAS 203-94 Cyclic Pressure Loading Test

3. Mullion Analysis per FBC 1709.8 & R609.8, prepared, signed and sealed by A. Lynn Miller, P.E., Dated 4/15/23

Limitations and Conditions of use:

- This product is is impact resistant and does not require impact protection in wind borne debris regions.
- This product is rated to be used in the HVHZ.
- Mullion and clip material to be extruded aluminum 6063-T6.
- Units attached to mullion must have their own separate approval.
- Units must be installed in accordance with Approval Document.

