

Engineering Evaluation Report # 8100-012825

Prepared by:

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Manufacturer:

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

Product Description:

8100 Series Aluminum, Large Missile Impact Resistant, HVHZ Sliding Glass Door – FL16755

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 the requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval Document: drawing number 8100FPA-LM-3, signed and sealed by A. Lynn Miller, P.E.
2. Test Report No.:
 - a. NCTL 210-3570-3, 210-3570-4, 210-3643-1, 210-3643-2, 210-4035-01 & 210-3889-1 signed and sealed by Gerard J. Ferrara, P.E.
National Certified Testing Laboratories, Orlando, FL.
TAS 201-94, TAS 202-94, TAS 203-94
 - b. NCTL 210-3570-1A, 210-3570-2A, 210-3570-3A, 210-3570-4A, 210-3643-1A, 210-3643-2A signed and sealed by Gerard J. Ferrara, P.E.
National Certified Testing Laboratories, Orlando, FL.
AAMA/WDMA/CSA 101/I.S.2/A440-05, ASTM E1886-02/05, ASTM E1996-02/05
 - c. ATI A2181.01-106-31 (Weather seal testing) signed and sealed by Gary Harman, P.E.
AAMA 701/702-04 Performance Class D, Category A
 - d. QAI 21-1218, 21-1241 & 22-1040 signed and sealed by Idalmis Ortega P.E.
QAI Laboratories, Nokomis, FL.
TAS 201-94, TAS 202-94, TAS 203-94
 - e. Test Report QAI NOK-0011 signed and sealed by Idalmis Ortega, P.E.
QAI Laboratories, Nokomis, FL.
TAS 201-94, TAS 202-94, TAS 203-94
 - f. Test Report QAI NOK-0032 & QAI NOK-0099 signed and sealed by Idalmis Ortega P.E.
QAI Laboratories, Nokomis, FL.
TAS 201-94, 202-94, 203-94
3. Anchor & Comparative Analysis Calculations, prepared, signed and sealed by A. Lynn Miller, P.E., signed 10/12/22
4. Diamond Glass Comparative Analysis Calculations, prepared by manufacturer, signed and sealed by A. Lynn Miller, P.E., signed 05/28/24

Limitations and Conditions of use:

- Units must be glazed per ASTM E1300-04/09, refer to approval document for glazing details.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame and panel material to be extruded aluminum 6063-T6.
- Units must be installed in accordance with Approval Documents.

