

Engineering Evaluation Report # 1199-08072025

Prepared by:

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Manufacturer:

WinDoor, LLC
104 Triple Diamond Blvd
N Venice, FL 34275

Product Description:

BF1199A Series Impact-resistant Aluminum Bifold Door, (LM & SM); FL Approval #16755

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.

ASTM E1300 calculations for glass types containing ATG were performed using base 3/16" and 1/4" tempered glass only.

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 1199FPA-1D-1 – REV I, signed and sealed by A. Lynn Miller, P.E.
2. Test Report No. FTL 17-7538, 18-8080, 20-1043, 20-2182 & 20-1019 & QAI 22-1004, NOK-0032, NOK-0099a & NOK-0103a signed and sealed by Idalmis Ortega, P.E.; Fenestration Testing Laboratories, Nokomis, FL 34275

TAS 201-94 Large Missile Impact Test
TAS 202-94 Uniform Static Air Pressure Test
TAS 203-94 Cyclic Pressure Loading Test

3. Anchor and Anchor Table Calculations, signed and sealed by A. Lynn Miller, P.E., dated 6/18/19, 8/10/20 & 5/31/24
4. Design Pressure Calculations, signed and sealed by A. Lynn Miller, P.E., dated 5/31/24 & 8/6/25
4. Miami-Dade RER Product Control Section NOA's; Trosifol PVB or SentryGlas Interlayer by Kuraray America, Inc.

Limitations and Conditions of use:

- Units must be glazed per ASTM E1300-09, 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.
- Units must be installed in accordance with approval document, 1199FPA-1D-1.



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