

Engineering Evaluation Report # 3110-040921

Prepared by:

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Certificate of Authorization: #29296

Manufacturer:

CGI Windows and Doors
3780 W 104th St.
Hialeah, FL 33018

Product Description:

HR3110V Impact-resistant Vinyl Horizontal Roller, (LM, Level C), FL-38619

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, not including the "High Velocity Hurricane Zone" (HVHZ).

Supporting Technical Documentation:

1. Approval document: drawing number HR3110FBC-1, signed and sealed by A. Lynn Miller, P.E.
2. Test Report FTL 21-1045, 21-1046 & 21-1064, Fenestration Testing Laboratories, Nokomis, FL 34275
AAMA/WDMA/CSA 101/IS2/A440, 2017
ASTM E1886-13a/19
ASTM E1996-17/20
3. Anchor calculations, signed and sealed by A. Lynn Miller, P.E., dated 4/12/21

Limitations and Conditions of use:

- Units must be glazed per ASTM E1300-09, refer to approval document for glazing details.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions under conditions of Level C missile testing, (see note 2 on sheet 1 of installation drawing).
- Frame and panel material to be vinyl.
- Units must be installed in accordance with approval document, HR3110FBC-1.



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