

Engineering Evaluation Report # 4110-082820

Prepared by:

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Manufacturer:

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

Product Description:

4110A Series Impact-resistant Aluminum Horizontal Roller Window, (LM & SM), FL-23359

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 HR4110FLPA Rev C, signed and sealed by A. Lynn Miller, P.E.
2. Test Report(s) No. FTL 17-7535, 18-7858, & 20-2108.1-6, signed and sealed by Idalmis Ortega, P.E.
Fenestration Testing Laboratories, Medley, FL 33166
TAS 201-94 Large Missile Impact Test
TAS 202-94 Uniform Static Air Pressure Test
TAS 203-94 Cyclic Pressure Loading Test
3. Anchor calculations, signed and sealed by A. Lynn Miller, P.E., dated 10/9/18 & 8/28/20.
4. Miami-Dade RER Product Control Section NOA's; PVB Interlayer by Kuraray America, Inc and Saflex PVB Interlayer by Eastman Chemical Company

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 sash material to be extruded Aluminum.
- Units must be installed in accordance with approval document, HR4110FLPA.



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