

Engineering Evaluation Report #5510TRI-08132026

Prepared by:

A. Lynn Miller, P.E.
3400 Precision Dr.
N. Venice, FL 34275
(941) 480-1600
Florida Registration: #29296

Manufacturer:

PGT Industries, LLC
3400 Precision Drive
N. Venice, FL 34275

Product Description:

HR5510 Series Impact-Resistant, Vinyl, Horizontal Roller Window with Diamond Glass, (LM), FL-1844

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.

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 HR5510-LM-HVHZ-TRTN, signed and sealed by A. Lynn Miller, P.E.

2. Test Reports:

FTL-8036-8038, 8040-8042, 8044-8046, 8050, 8052, 8053 & 8133, Fenestration Testing Laboratories, Medley, FL
ASTM E1886-05/1996-12; Signed and sealed by Idalmis Ortega, P.E.

FTL-8035, 8039, 8043, 8049 & 8051, Fenestration Testing Laboratories, Medley, FL
AAMA/WDMA/CSA 101/IS2/A440-11

QAI NOK 0112-0116; signed and sealed by Idalmis Ortega P.E.; QAI Laboratories, Nokomis, FL
TAS 201-94 Large Missile Impact Test
TAS 202-94 Uniform Static Air Pressure Test
TAS 203-94 Cyclic Pressure Loading Test

3. Miami-Dade RER Product Control Section NOA's; PVB and/or SG Interlayer by Kuraray America, Inc.

Limitations and Conditions of use:

- Units must be glazed per ASTM E1300-24, 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 Vinyl.
- Units must be installed in accordance with approval documents.

