

# Engineering Evaluation Report #5540-08182026

**Prepared by:**

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

**Manufacturer:**

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

**Product Description:**

PW5540 Series Impact-Resistant, Vinyl, Casement Picture Window, (LM), FL-5012

**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 PW5540-LM-HVHZ, signed and sealed by A. Lynn Miller, P.E.
2. Test Reports:  
FTL-7897, 8128 & 8174, signed and sealed by Idalmis Ortega P.E.; Fenestration Testing Laboratories, Medley, FL  
QAI NOK-8672 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. Anchor Calculations signed and sealed by A. Lynn Miller, P.E. 9/18/14, 4/7/15 & 3/19/20.
4. 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 material to be extruded Vinyl.
- Units must be installed in accordance with approval document.

