

**Manufacturer:** PGT Industries  
1070 Technology Drive  
Nokomis, FL 34275

**Product Line:** CA2840 PVC Casement Window

**Compliance:**

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Community Affairs for Statewide Acceptance per Rule 9B-72.070 method 1(d). The product listed herein complies with Requirements of the Florida Building Code including the HVHZ.

**Product description:** Casement window made of vinyl PVC. Frame and sash corners are of mitered cut and welded construction.

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-00853, titled CA2840 PVC Casement Window, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No. NCTL 210-3634-1, signed and sealed by Gerard J. Ferrara P.E.  
Flange installation, Box frame installation and fin installation  
National Certified Testing Laboratories  
TAS 201-94 Large Missile Impact Test  
TAS 202-94 Uniform Static Air Pressure, +80.0/-120.0psf design pressure, 15 psf water infiltration  
TAS 203-94 Cyclic Pressure Loading, +80.0/-120.0psf design pressure
3. Test Report No. NCTL 210-3634-1A, signed and sealed by Gerard J. Ferrara P.E.  
Flange installation, Box frame installation and fin installation  
National Certified Testing Laboratories  
AAMA/WDMA/CSA 101/I.S.2/ A440-05  
Design pressure: +80.0/-120.0psf  
Water penetration resistance: 15psf  
ASTM E 1886-02 and ASTM E1996-02  
ASTM E 1886/E 1996 Large Missile Impact Test, Level D, Wind Zone 4  
ASTM E 1886/E 1996 Cyclic Load Test, +80.0psf, -120.0psf design pressure
4. Anchor calculations, report number 511396-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Maximum design pressure: +80.0/-120.0psf
- Maximum overall size: 36" x 76"
- Maximum D.L.O.: 29 3/8" x 68 3/8"
- Units may be glazed with:
  - 7/8" IGU consisting of outboard laminated lite consisting of: 1/8" HS – 0.090" Sentry Glass Plus – 1/8" HS – Air – inboard lite 1/8" Temp, or
  - 5/16" monolithic laminated glass consisting of: 1/8" HS – 0.090" Sentry Glass Plus – 1/8" HS, per ASTM E1300
- 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 white rigid PVC .105" thick.

**Installation:**

- Units must be installed in accordance with approval document, 08-00853.

**Certification of Independence:**

Please note that I don't have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).