

Manufacturer: PGT Industries
1070 Technology Drive
Nokomis, FL 34275

Product Line: CA2740 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.

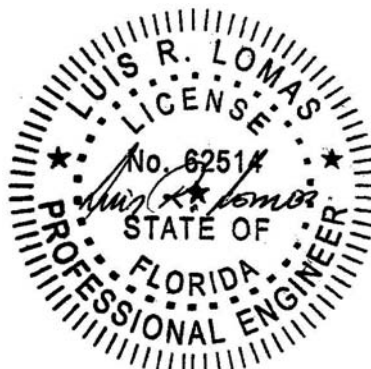
Product description: Casement window made of vinyl PVC. Frame and sash corners are of mitered cut and welded construction.

Supporting Technical Documentation:

1. Approval document: drawing number 08-00852, titled CA2740 PVC Casement Window, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No. NCTL 210-3634-2, signed and sealed by Gerard J. Ferrara P.E.
Flange installation, Box frame installation and fin installation
National Certified Testing Laboratories, Orlando, FL
TAS 201-94 Large Missile Impact Test
TAS 202-94 Uniform Static Air Pressure, +65.0/-70.0psf and +65.0/-80.0psf design pressure, 15psf water infiltration
TAS 203-94 Cyclic Pressure Loading, +65.0/-70.0psf and +65.0/-80.0psf design pressure.
3. Test Report No. NCTL 210-3634-2A, signed and sealed by Gerard J. Ferrara P.E.
Flange installation, Box frame installation and fin installation
National Certified Testing Laboratories, Orlando, FL
AAMA/WDMA/CSA 101/I.S.2/ A440-05
Design pressure: +65.0 psf / -80.0psf
Water penetration resistance: 9.5 psf
ASTM E 1886-02/05 and ASTM E1996-02/05
ASTM E 1886/E 1996 Large Missile Impact Test, Level D, Wind Zone 4
ASTM E 1886/E 1996 Cyclic Load Test, +65.0 psf / -80.0 psf design pressure
4. Anchor calculations, report number 511395-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: +65.0/-70.0psf (For units glazed with IGU)
+65.0/-80.0psf (For units glazed with single laminated glass)
- 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" Dupont Butacite PVB – 1/8" HS – Air – inboard lite 1/8" Temp, or
 - 5/16" monolithic laminated glass consisting of: 1/8" HS – 0.090" Dupont Butacite PVB – 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.



L. Roberto Lomas P.E.

1432 Woodford Rd.
Lewisville, NC 27023
336-945-9695

Engineering Evaluation Report

Report No.: 511395

Installation:

- Units must be installed in accordance with approval document, 08-00852.

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).

