

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
 Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION
 WIN-1694

Effective Date: December 1, 2012 (Revised January 1, 2013)
 Reevaluation Date: **December 2015**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Contractor 2000, Mastic 3000, and Home Craftsman 8150 Vinyl Tilt Double Hung Windows, Replacement, Non-Impact Resistant, manufactured by

Ply Gem Window Group
 433 North Main Street
 Rocky Mount, Virginia 24151
 Telephone: (800) 999-8400

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Contractor 2000, Mastic 3000, and Home Craftsman Series 8150 Vinyl Tilt Double Hung Windows; X/X	Class LC-PG30 56x84-H H-LC30 56x84	±30
2	Contractor 2000, Mastic 3000, and Home Craftsman Series 8150 Vinyl Tilt Double Hung Windows; X/X	Class LC-PG45 53x77-H H-LC45 53x77	±45
3	Contractor 2000, Mastic 3000, and Home Craftsman Series 8150 Vinyl Tilt Double Hung Windows; X/X	Class LC-PG45 52x80-H H-LC45 52x80	±45
4	Contractor 2000, Mastic 3000, and Home Craftsman Series 8150 Vinyl Tilt Double Hung Windows; X/X	Class R-PG55 40x63-H H-R55 40x63	±55
5	Contractor 2000, Mastic 3000, and Home Craftsman Series 8150 Vinyl Tilt Double Hung Windows; X/X	Class LC-PG55 48x75-H H-LC55 48x75	±55

Product Dimensions:

System	Overall Size	Top Sash	Bottom sash
1	56" x 84"	52 ⁵ / ₁₆ " x 40 ⁷ / ₈ "	53" x 41 ⁹ / ₁₆ "
2	53" x 77"	49 ⁵ / ₁₆ " x 37 ⁵ / ₁₆ "	50" x 38"
3	52" x 80"	48 ¹ / ₄ " x 38 ³ / ₄ "	49" x 39 ¹ / ₂ "
4	40" x 63"	36 ³ / ₈ " x 30 ⁵ / ₁₆ "	37" x 31 ¹ / ₁₆ "
5	40" x 63"	44 ¹ / ₄ " x 36 ¹ / ₄ "	45" x 37"

Product Identification (Certification Label on Window):

System		
1-5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-155
	Product Name	Contractor 2000/Home Craftsman 8150 Vinyl Tilt Double Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-05 CSA A440S1-09

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System		
1-5	Type of Installation	Replacement – Through Jamb
	Wall Framing	Southern Pine
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Approximately 4 inches from each corner of the jambs; the entire perimeter is sealed with silicone and the sill is placed in a bed of silicone.
	Fastener Penetration	Minimum of 1 ½ inches into the wall framing members

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.