

Product Evaluation

WIN2736 | 1222

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2736

Effective Date: December 1, 2022

Re-evaluation Date: August 2026

Product Name: Model 1845 Vinyl Double Hung Windows, Fin or Frame Installation, Impact Resistant

Manufacturer: NewSouth Window Solutions
10741 Crossroads Commerce Blvd.
Tampa, FL 33610
(813) 626-6000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model 1845 Vinyl Double Hung Windows; X/X	LC-PG50 (48 x 92)-H Missile Level D	+50 / -50 psf
2	Model 1845 Vinyl Double Hung Windows; X/X	LC-PG50 (54 x 84)-H Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall Size	Exterior Sash Size	Interior Sash Size
1	48" x 92"	43-3/8" x 44-1/16"	44-3/8" x 45-1/16"
2	54" x 84"	49-3/8" x 40-1/16"	50-3/8" x 41-1/16"

Product Identification (Certification Label on Window):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	NewSouth Window Solutions
	Product Name	DH1845
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17 ASTM E 1886-13a/19; ASTM E 1996-17/20 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-14a.

Installation:

System		
1, 2	Type of Installation	Install in accordance with drawing No. TDI-DH1845-TDI-02, dated December 13, 2022. Signed and sealed by Anthony Lynn Miller, P.E. on December 13, 2022.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.