

Product Evaluation

WIN2402 | 0721

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-2402

Effective Date: July 1, 2021

Re-evaluation Date: February 2024

Product Name: Barcelona Model DH30I & DH30PI Vinyl Double Hung Windows, Frame Installation, Impact Resistant

Manufacturer: Soft-Lite Windows
10250 Phillip Parkway
Streetsboro, OH 44241
(330) 528-3400

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Barcelona Vinyl Double Hung Windows, DH30PI; X/X	R-PG55 (54 x 77)-H Missile Level D	+55 / -65 psf
2	Barcelona Vinyl Double Hung Windows, DH30I; X/X	R-PG55 (54 x 77)-H Missile Level D	+55 / - 65 psf
3	Barcelona Vinyl Double Hung Windows, DH30I; X/X	R-PG50 (54 x 77)-H Missile Level C	+50 / -65 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1-3	54" x 76-1/2"	49-5/16" x 36-3/4"	50-5/16" x 37-3/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Soft-Lite Windows
	Product Name	Barcelona Vinyl Double Hung Window (DH30PI)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-09, Missile Level D
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Soft-Lite Windows
	Product Name	Barcelona Vinyl Double Hung Window (DH30I)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-09, Missile Level D
3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Soft-Lite Windows
	Product Name	Barcelona Vinyl Double Hung Window (DH30I)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-05/E1996-09, Missile Level C

Impact Resistance:

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.
3	Yes	These products satisfy TDI's criteria for protection from windborne debris. The products may be used for Basic Protection in areas where the basic ultimate wind speed is less than 150 mph at a distance greater than 1 mile from the coastline. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System	
1-3	Type of Installation
	Wall Framing
	Fasteners
	Fastener Location/Spacing
	Fastener Penetration
Install in accordance with drawing No. TX-4861, dated June 28, 2018. Revision 1 dated May 4, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 17, 2021.	

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.