

Product Evaluation

WIN2353 | 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-2353

Effective Date: July 1, 2021

Re-evaluation Date: July 2024

Product Name: Barcelona Model SH30P Vinyl, Single Hung Windows, Frame Installation, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Barcelona Model SH30P Single Hung Window, Frame Installation (O/X)	R-PG45 32 x 84-H	+45 / -45 psf
2	Barcelona Model SH30P Single Hung Window, Frame Installation (O/X)	R-PG30 40 x 96-H	+30 / -30 psf
3	Barcelona Model SH30P Single Hung Window, Frame Installation (O/X)	LC-PG55 40 x 63-H	+55 / -55 psf

General Description (Continued):

System	Description	Label Rating	Design Pressure Rating
4	Barcelona Model SH30P Single Hung Window, Frame Installation (O/X)	LC-PG45 54 x 76-H	+45 / -45 psf
5	Barcelona Model SH30P Single Hung Window (Arch Top), Frame Installation (O/X)	LC-PG55 54 x 77-H	+55 / -55 psf
6	Barcelona Model SH30P Single Hung Window (Arch Top), Frame Installation (O/X)	LC-PG55 36 x 77-H	+55 / -55 psf
7	Barcelona Model SH30P Single Hung Window (Arch Top), Frame Installation (O/X)	LC-PG45 54 x 77-H	+45 / -45 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Daylight Opening Size
1	32" x 84"	28-1/4" x 41"	25-1/2" x 37-3/16"
2	40" x 96"	36-3/16" x 46-7/8"	33-1/2" x 43-1/8"
3	40" x 63"	36-3/16" x 30-1/2"	33-5/8" x 26-1/2"
4	54" x 76"	50-1/4" x 37"	47-1/2" x 33"
5	54" x 76.5"	50-3/16" x 25"	47-1/2" x 45-1/2"
6	36" x 76.5"	32-3/16" x 36-1/4"	29-1/2" x 33-1/4"
7	54" x 76.5"	50-3/16" x 37-1/4"	47-1/2" x 33-1/4"

Product Identification (Certification Label on Window):

System		
1-4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Soft-Lite Windows
	Product Name	SH30P Vinyl Single Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
5	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Soft Lite Windows
	Product Name	SHARCH30P Vinyl Single Hung Window w/ Arch Top (25" Max Sash Size)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Product Identification (Certification Label on Window) - Continued:

System		
6	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Soft Lite Windows
	Product Name	SHARCH30P Vinyl Single Hung Window w/ Arch Top
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
7	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Soft Lite Windows
	Product Name	SHARCH30P Vinyl Single Hung Window w/ Arch Top (37-1/4" Max Sash Size)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1-7	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-4	Type of Installation	Install in accordance with Soft-Lite Windows drawing No. TX-4852, dated June 25, 2018. Revision 1 dated MAY 10, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 17, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
5-7	Type of Installation	Install in accordance with Soft-Lite Windows drawing No. TX-4853, dated June 25, 2018. Revision 1 dated May 10, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 17, 2021.
	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.