



Product Evaluation

WIN1022 | 1215

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-1022

Effective Date: December 1, 2015

Re-evaluation Date: December 2019

Product Name: Series 42-19 Vinyl Casement Windows, Fin-Mounted, Individual and Triple Muller, Non-Impact Resistant

Manufacturer: Simonton Windows
5300 Briscoe Road
Parkersburg, WV 26102
(800) 746-6687

Marketed Under: ProFinish Brickmould 600

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 42-19 Vinyl Casement Windows with 1/8" annealed glass interior and exterior lites, fin-mounted, (X)	R-PG60 36 X 72-C	+60 / -60 psf
2	Series 42-19 Vinyl Triple (T-Mull) Casement Windows with Simonton RE0089 aluminum reinforced vertical mullions and 3/32" annealed glass interior and exterior lites, fin-mounted, (X/X/X)	R-PG45 107 X 72-C	+45 / -45 psf
3	Series 42-19 Vinyl Triple (T-Mull) Casement Windows with unreinforced vertical mullions and 3/32" annealed glass interior and exterior lites, fin-mounted, (X/X/X)	R-PG25 101 X 63-C	+25 / -25 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	36" x 72"	29-3/4" x 65-3/4"
2	106-1/2" x 72"	29" x 65-3/4"
3	101" x 63"	27" x 56-3/4"

Product Identification (Certification Label on Window):

System		
1, 2, 3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SIM-1, SIM-2
	Product Name	System 1: Series 42-19 Casement Systems 2 - 3: Series 42-19 Casement Triple (T MULL)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in the Inland I and Seaward zones.

Installation:

System		
1, 2, 3 (FIN)	Type of Installation	Wood Frame
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners (Nail Fin)	<ul style="list-style-type: none"> Nail Fin Perimeter: Minimum #6 x 1-5/8" steel fasteners Four Tie Bar Guides: Minimum #8 x 3" steel fasteners, one at each guide (top hole)
	Fastener Location/Spacing	<ul style="list-style-type: none"> Drive #6 x 1-5/8" steel fasteners around the nail fin perimeter beginning at each corner and at approximately 8-1/2" on center (maximum) thereafter. Drive one #8 x 3" steel fastener through the top hole of each tie bar guide. <ul style="list-style-type: none"> Systems 1 & 2: Use 4 tie bar guides System 3: Use 3 tie bar guides
	Fastener Penetration	Minimum 1-1/2" into the wall framing

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