

## Product Evaluation

WIN2217 | 0422

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-2217

**Effective Date:** April 1, 2022

**Re-evaluation Date:** March 2025

**Product Name:** 6200 Series Vinyl Horizontal Sliding Windows, Fin and Frame Installation, Impact Resistant

**Manufacturer:** Custom Window Systems, Inc.  
1900 SW 44<sup>th</sup> Avenue  
Ocala, FL 34474  
(352) 368-6922

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	6200 Series Vinyl Horizontal Sliding Windows; Fin or Frame Installed; XO	R-PG50 (74 x 63)-HS Missile Level D	+50 / -50 psf
2	6200 Series Vinyl Horizontal Sliding Windows; Fin Installed; XX	R-PG40 (74 x 63)-HS Missile Level D	+45 / -40 psf
3	6200 Series Vinyl Horizontal Sliding Windows; Frame Installed; XX	R-PG45 (74 x 63)-HS Missile Level D	+50 / -45 psf
4	6200 Series Vinyl Horizontal Sliding Windows; Fin or Frame Installed; 1/4 – 1/2 - 1/4; XOX	R-PG50 (111 x 54)-HS Missile Level D	+50 / -50 psf

**General Description:**

System	Description	Label Rating	Design Pressure Rating
5	6200 Series Vinyl Horizontal Sliding Windows; Fin Installed; 1/3 – 1/3 – 1/3; XOX	R-PG45 (111 x 63)-HS Missile Level D	+45 / -45 psf
6	6200 Series Vinyl Horizontal Sliding Windows; Frame Installed; 1/3 – 1/3 – 1/3; XOX	R-PG50 (111 x 63)-HS Missile Level D	+50 / -50 psf
7	6200 Series Vinyl Horizontal Sliding Windows; Fin Installed; 1/4 - 1/2 - 1/4; XOX	R-PG45 (111 x 63)-HS Missile Level D	+45 / -45 psf
8	6200 Series Vinyl Horizontal Sliding Windows; Frame Installed; 1/4 - 1/2 - 1/4; XOX	R-PG45 (111 x 63)-HS Missile Level D	+50 / -45 psf

**Product Dimensions:**

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	74" x 63"	36" x 58-7/8" (1)	32-1/16" x 55-1/16" (1)
2-3	74" x 63"	36" x 58-7/8" (2)	N/A
4	111" x 54"	24-1/4" x 46-1/16" (2)	49-13/16" x 46-1/16" (1)
5-6	111" x 63"	36-11/16" x 58-7/8" (2)	32-3/4" x 55-1/16" (1)
7-8	111" x 63"	28-1/8" x 58-7/8" (2)	49-13/16" x 55-1/16" (1)

**Product Identification (Certification Label on Window):**

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-555 (Impact) CAR# 138-1347 (Structural)
	Product Name	6200 Impact Horizontal Slider XO
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-548 (Impact) CAR# 138-1338 (Structural)
	Product Name	6200 Impact Fin Frame Horizontal Slider
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D

**Product Identification (Certification Label on Window):**

System		
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-547 (Impact) CAR# 138-1337 (Structural)
	Product Name	6200 Impact Flange Frame Horizontal Slider
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D
4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-564 (Impact) CAR# 138-1376 (Structural)
	Product Name	6200 Vinyl Fin/Flange Impact Horizontal Slider
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D
5	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-552 (Impact) CAR# 138-1344 (Structural)
	Product Name	6200 Impact Fin Frame Horizontal Slider XOX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D
6	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-551 (Impact) CAR# 138-1343 (Structural)
	Product Name	6200 Impact Flange Frame Horizontal Slider XOX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D
7	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-554 (Impact) CAR# 138-1346 (Structural)
	Product Name	6200 Impact Fin Frame HS XOX $\frac{1}{4}$ - $\frac{1}{2}$ - $\frac{1}{4}$
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D

**Product Identification (Certification Label on Window):**

System		
8	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-553 (Impact) CAR# 138-1345 (Structural)
	Product Name	6200 Impact Flange Frame HS XOX 1/4 - 1/2 - 1/4
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05/E1996-05,09 Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-8	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.

**Installation:**

System		
1-8	Type of Installation	Install in accordance with drawings No. TDI-1071, TDI-1070, and TDI-1072, dated November 12, 2015. TDI-1070 revised February 18, 2022, TDI-1071 revised February 9, 2022, and TDI-1072 revised February 24, 2022. Signed and sealed by Lucas A. Turner, P.E. on March 10, 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.