



# Product Evaluation

WIN2069 | 0116

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-2069

**Effective Date:** January 1, 2016

**Re-evaluation Date:** December 2017

**Product Name:** 145.095 Vinyl Horizontal Slider, New Construction and Replacement, Impact Resistant

**Manufacturer:** Earthwise Group, LLC.  
Manufactured by Showcase Custom Windows and Doors  
1702 Cullen Blvd.  
Houston, TX 77023  
(713) 926-8500

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	145.095 Vinyl Horizontal Slider; (XO); New Construction and Replacement	LC-PG50 73x62-Type HS Missile Level D	±50 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size	Sash Daylight Opening Size
1	73" x 62"	36.5" x 60.5"	34" x 59.75"

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

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 839-225 CAR 839-1391
	Product Name	145.095 Vinyl Horizontal Slider; (XO); New Construction and Replacement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05; ASTM E 1996-06; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

System		
1	Type of Installation	New Construction and Replacement
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 screws
	Fastener Location/Spacing	Fasteners are located 6" from each corner and spaced 10" thereafter.
	Fastener Penetration	Minimum 1-1/2" penetration 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.