

Product Evaluation

DR912 | 0621

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: DR-912

Effective Date: June 1, 2021

Re-evaluation Date: March 2024

Product Name: WinForce Vinyl Sliding Glass Door, Impact Resistant

Manufacturer: Northeast Building Products
4280 Aramingo Avenue
Philadelphia, PA 19124
(215) 535-7110

General Description:

System	Description	Label Rating	Design Pressure Rating
1	WinForce Sliding Glass Door OXXO Impact Glass	LC-PG70 198 x 96-Type SD	±70 psf
2	WinForce Sliding Glass Door XXXX Impact Glass	LC-PG70 198 x 96-Type SD	±70 psf
3	WinForce Sliding Glass Door OXXXXX Impact Glass	LC-PG70 290 x 96-Type SD	±70 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	198" x 95-7/8"	50-1/4" x 92-3/4"	41-1/2" x 84-1/4"
2	198" x 95-7/8"	50-1/4" x 92-3/4"	41-1/2" x 84-1/4"
3	290" x 95-7/8"	50-1/4" x 92-3/4"	41-1/2" x 84-1/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	86-208/86-180
	Product Name	WinForce Sliding Glass Door OXXO Impact Glass
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E 1886-05, ASTM E 1996-05/09 Missile Level D, Wind Zone 4
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	86-178/86-207
	Product Name	WinForce Sliding Glass Door XXXX Impact Glass
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E 1886-05, ASTM E 1996-05/09 Missile Level D, Wind Zone 4
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	86-176/86-206
	Product Name	WinForce Sliding Glass Door OXXXXX Impact Glass
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E 1886-05, ASTM E 1996-05/09 Missile Level D, Wind Zone 4

Impact Resistance:

System	Impact Resistant	Requirement
1-3	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		
1-3	Type of Installation	Install Sliding Glass Doors in accordance with Drawing TDI-WINFORCE-SGD-LM, sheets 1 through 8 of 8, Revision A, dated April 25, 2017; Revision A. Drawings are signed, sealed, and dated February 18, 2021 by Lucas A Turner, P.E.
	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.