

## Product Evaluation

DR1108 | 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:** DR-1108

**Effective Date:** July 1, 2021

**Re-evaluation Date:** June 2023

**Product Name:** R-650 Series Vinyl Sliding Patio Doors; Frame Installation, Non-Impact Resistant

**Manufacturer:** Novatech Patio Doors  
100, 181 e Rue  
Beauceville Est, QC G5X 2T1, Canada  
(418) 774-2949

### General Description:

System	Description	Label Rating	Design Pressure
1	R-650 Series Vinyl Sliding Patio Doors; XO, OX	R-PG60 (71 x 81)-SD	+60 / -60 psf
2	R-650 Series Vinyl Sliding Patio Doors; XO, OX	LC-PG35 (96 x 96)-SD	+35 / -35 psf
3	R-650 Series Vinyl Sliding Patio Doors; OXO	LC-PG35 (143 x 96)-SD	+35 / -35 psf
4	R-650 Series Vinyl Sliding Patio Doors; OXXO	LC-PG35 (141 x 96)-SD	+30 / -30 psf

**Product Dimensions:**

System	Overall Size	Maximum Panel Size	Maximum Glass Daylight Opening Size
1	70.5" x 81.0"	35.23" x 77.36"	30.0" x 72.2"
2	95.5" x 95.5"	47.72" x 91.93"	42.3" x 86.77"
3	143.15" x 95.5"	47.76" x 91.93"	42.6" x 86.77"
4	140.47" x 95.5"	35.51" x 91.93"	42.3" x 86.77"

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

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #007-487
	Product Name	R-650 PVC Sliding Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11/S1-17
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #007-484
	Product Name	R-650 PVC Sliding Door (Without Sill Moulding)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11/S1-17
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	Car #007-485
	Product Name	OXO R-650 PVC Sliding Door (Without Sill Moulding)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11/S1-17
4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #007-489
	Product Name	R-650 Patio Door OXXO
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System	
1-4	Type of Installation
	Wall Framing
	Fasteners
	Fastener Location/Spacing
	Fastener Penetration
Install in accordance with drawings No. TX-4989, TX-4990, TX-4991, and TX-4992, dated March 5, 2020. Revision 1 dated May 25, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on May 25, 2021.	

**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.