

Product Evaluation

DR393 | 1121

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-393

Effective Date: November 1, 2021

Re-evaluation Date: November 2024

Product Name: Series 7000 Aluminum Sliding Glass Doors, 2, 3, or 4 Track, Impact Resistant

Manufacturer: WinDoor Incorporated
104 Triple Diamond Blvd.
North Venice, FL 34275
(833) 554-5432

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model 7000 Aluminum Sliding Glass Doors; 2, 3, 4-Track Non-Reinforced; 2-1/2" Sill Riser	SD-LC45 353 x 98 Missile Level D	+45 / -45 psf
2	Model 7000 Aluminum Sliding Glass Doors; 2, 3, 4-Track Reinforced; 3-1/8" Sill Riser	SD-LC60 353 x 98 Missile Level D	+60 / -60 psf
3	Model 7000 Aluminum Sliding Glass Doors; 2, 3, 4-Track Reinforced; 2-1/2" Sill Riser	SD-LC45 353 x 98 Missile Level D	+45 / -60 psf

Product Dimensions:

System	Overall size	Operable Panel Size	Fixed Panel Daylight Opening Size
1-3	353" x 98"	61-1/4" x 96-3/16"	53-3/8" x 88-1/4"

Product Identification (Certification Label on Door):

System		
1	Certification agency	Keystone
	Manufacturer's name or code name	CAR # 167-177, 167-211
	Product name	Model 7000 Impact SGD 2,3,4 Track 2-1/2" Sill
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E1886-02/E1996-05 Missile Level D
2	Certification agency	Keystone
	Manufacturer's name or code name	CAR # 167-180, 167-214
	Product name	Model 7000 Imp SGD 2,3,4 Track Rein 3 1/8" Sill
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E1886-02/E1996-05 Missile Level D
3	Certification agency	Keystone
	Manufacturer's name or code name	CAR # 167-183, 167-217
	Product name	Model 7000 Imp SGD 2,3,4 Track Rein 2 1/2" Sill
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E1886-02/E1996-05 Missile Level D

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
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with drawing No. 7000TDI-1, dated November 18, 2018; revised June 25, 2021. Signed and sealed by Anthony Lynn Miller, P.E. on September 16, 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.