

Product Evaluation

DR1244 | 0522

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-1244

Effective Date: May 1, 2022

Re-evaluation Date: June 2025

Product Name: ASS 39 PD.NI Aluminum Sliding Glass Doors, Impact Resistant

Manufacturer: Schuco USA LLLP
240 Pane Rd.
Newington, CT 06111
(860) 666-0188

General Description:

System	Description	Label Rating	Design Pressure Rating
1	ASS 39 PD.NI Double Glazed Sliding System; XO	120x144 Large Missile Rated	+60 / -70 psf
2	ASS 39 PD.NI Laminated Sliding System; XO	120x144 Large Missile Rated	+60 / -70 psf
3	ASS 39 PD.NI SD w/ 0.09" PVB Interlayer; XO	96x96 Large Missile Rated	+60 / -70 psf
4	ASS 39 PD.NI Type 3E/1 Three Panel Sliding Door; XXO	180x144 Large Missile Rated	+60 / -70 psf
5	ASS 39 PD.NI 4 Panel Sliding Door, Type 2D/1; OXXO	240x144 Large Missile Rated	+60 / -70 psf

Product Dimensions:

System	Overall size	Operable Panel Size	Fixed Panel Daylight Opening Size
1-2	120" x 144"	61-5/16" x 139-15/16"	55-1/2" x 136-7/8"
3	96" x 96"	47-13/16" x 91-15/16"	45-3/16" x 89-3/16"
4	180" x 144"	61-5/8" x 140-1/8"	56-1/2" x 137-1/8"
5	240" x 144"	60-1/16" x 139-15/16"	57-1/4" x 137-1/8"

Product Identification (Certification Label on Door):

System		
1	Certification agency	Keystone
	Manufacturer's name or code name	CAR# 970-104
	Product name	ASS 39 PD.NI Double Glazed Sliding System
	Test standards	TAS 201/202/203; Large Missile
2	Certification agency	Keystone
	Manufacturer's name or code name	CAR# 970-105
	Product name	ASS 39 PD.NI Laminated Sliding System
	Test standards	TAS 201/202/203; Large Missile
3	Certification agency	Keystone
	Manufacturer's name or code name	CAR# 970-106
	Product name	ASS 39 PD.NI SD w/ 0.09" PVB Interlayer
	Test standards	TAS 201/202/203; Large Missile
4	Certification agency	Keystone
	Manufacturer's name or code name	CAR# 970-108
	Product name	ASS 39 PD.NI Type 3E/1 Three Panel Sliding Door
	Test standards	TAS 201/202/203; Large Missile
5	Certification agency	Keystone
	Manufacturer's name or code name	CAR# 970-109
	Product name	ASS 39 PD.NI 4 Panel SGD, Type 2D/1
	Test standards	TAS 201/202/203; Large Missile

Impact Resistance:

System	Impact Resistant	Requirement
1-5	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	
1-5	Type of installation
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with drawing No. 21-28T, dated March 24, 2021. Signed and sealed by Jalal Farooq, P.E. on April 13, 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.