

Product Evaluation

DR1037 | 0623

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-1037

Effective Date: June 2023

Re-evaluation Date: December 2026

Product Name: Series 9050 Thermally Broken Aluminum Glazed Low Sill Side Hinged Terrace Doors, Inswing and Outswing, Singles and Doubles, Non-Impact Resistant

Manufacturer: WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832
(407) 481-8400

General Description:

System	Description	Label Rating	Drawing Number
1	Series 9050 Thermally Broken Aluminum Glazed Low Sill Side Hinged Terrace Doors; Inswing; Single (X)	SHD-LC-PG100 46 x 128 DP: +100 / -120 psf	9050NITDI-1
2	Series 9050 Thermally Broken Aluminum Glazed Low Sill Side Hinged Terrace Doors; Inswing; Double (XX)	SHD-LC-PG55 85 x 128 DP: +55 / -80 psf	9050NITDI-1
3	Series 9050 Thermally Broken Aluminum Glazed Low Sill Side Hinged Terrace Doors; Outswing; Single (X)	SHD-LC-PG100 46 x 128 DP: +100 / -120 psf	9050NITDI-1

General Description (Continued):

System	Description	Label Rating	Drawing Number
4	Series 9050 Thermally Broken Aluminum Glazed Low Sill Side Hinged Terrace Doors; Outswing; Double (XX)	SHD-LC-PG55 85 x 128 DP: +55 / -80 psf	9050NITDI-1

Component Dimensions:

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 46" x 128"	42" x 126.5"	31.69" x 116.25"
2	Inswing: 84.5" x 128"	42" x 126.5"	30" x 116.25"
3	Outswing: 46" x 128"	41-15/16" x 126-1/2"	31-1/2" x 116-3/16"
4	Outswing: 84-1/2" x 128"	41" x 126-1/2"	29-15/16" x 116-3/16"

Components and Hardware:

System	Component	Quantity	Attachment method
1, 3	Hinge	3	Install in accordance with WinDoor, Inc. drawing No. 9050NITDI-1, titled "Aluminum IS/OS Terrace Door (NI)," dated February 5, 2019, Rev A, dated June 2, 2022. Signed and sealed by Anthony Lynn Miller, P.E. on June 3, 2022.
	3-point Locking system	1	
	Strike Plate	4	
2, 4	Giesse XXL hinge	6	
	Hoppe Top Extension w/ Shootbolts	1	
	Hoppe middle extension w/ 2 swing hooks	1	
	Hoppe handle and trim set	1	
	Hook latch strike plate	1	
	Latch and deadbolt strike plate	1	
Hoppe bottom extension w/ gear	1		

Product Identification (Certification Agency Label on Door):

System		
1	Certification agency	Keystone
	Manufacturer's name or code name	CAR #167-1349
	Product name	9050 TB AI IS Low Sill Terrace Door
	Drawing	9050NITDI-1
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,-11

Product Identification (Certification Agency Label on Door)-Continued:

System		
2	Certification agency	Keystone
	Manufacturer's name or code name	CAR #167-1350
	Product name	9050 TB AI Dble IS Low Sill Terrace Door
	Drawing	9050NITDI-1
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,-11
3	Certification agency	Keystone
	Manufacturer's name or code name	CAR #167-1358
	Product name	9050 TB AI OS Low Sill Terrace Door
	Drawing	9050NITDI-1
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11,-17
4	Certification agency	Keystone
	Manufacturer's name or code name	CAR #167-1355
	Product name	9050 TB AI Dble OS Low Sill Terrace Door
	Drawing	9050NITDI-1
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11,-17

Impact Resistance:

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

Installation:

System		
1-4	Type of installation	Install in accordance with WinDoor, Inc. drawing No. 9050NITDI-1, titled "Aluminum IS/OS Terrace Door (NI)," dated February 5, 2019, Rev A, dated June 2, 2022. Signed and sealed by Anthony Lynn Miller, P.E. on June 3, 2022.
	Wall framing	
	Fasteners	
	Fastener embedment	
	Fastener location/spacing	

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.