



# Product Evaluation

DR481 | 1114

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-481

**Effective Date:** November 1, 2014

**Re-evaluation Date:** September 2017

**Product Name:** Series 9900B Aluminum Sliding Glass Doors, Replacement Construction, Non-impact Resistant

**Manufacturer:** Thermal Windows, Inc.  
12805 East 31<sup>st</sup> Street  
Tulsa, OK 74146-2310  
(918)-663-7580

### General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Series 9900B Aluminum Sliding Glass Door; OXX	LC-PG30 150 x 83-SD	± 30

### Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Size
1	150.00" x 83.00"	Two: 49.25" x 81.31"	One: 50.38" x 81.00"

### Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	TWI-1
	Product Name	9900B SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

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

**Installation:**

System		
1	Type of Installation	Replacement – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 10 x 2" pan head screws
	Fastener Location/Spacing	Space the fasteners approximately 6" from each corner and approximately 24" on center along the head of the doorframe. Space the fasteners approximately 6" from each corner and approximately 20" on center along each side jamb of the frame
	Fastener Penetration	Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.