



# Product Evaluation

DR206 | 0315

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-206

**Effective Date:** March 1, 2015

**Re-evaluation Date:** October 2016

**Product Name:** Series 4000 Aluminum Sliding Glass Doors, New Construction, Non-impact Resistant

**Manufacturer:** Atrium Windows & Doors  
9001 Ambassador Row  
Dallas, TX 75247  
(214) 637-2696

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 4000 Aluminum Sliding Glass Door; 1-1/2" sill leg; XO	SGD-R25 72 x 80	+25 / -25 psf
2	Series 4000 Aluminum Sliding Glass Door; 3" sill leg; XO	R-PG45 72 x 80 - SD	+45 / -45 psf

### Product Dimensions:

System	Overall Size	Operating Panel Size	Fixed Panel Glass Daylight Opening Size
1, 2	72" x 82"	36-1/8" x 79"	33" x 75"

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

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Windows & Doors
	Product Name	4000 Aluminum Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

**Product Identification (Certification Agency Label on Door) - continued:**

System		
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	4000 / R4000 Aluminum Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1, 2	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Pan Head Screws No. 8 x 2" Sheet Metal Screws
	Fastener Location/Spacing	<u>Head and Side Jambs:</u> Minimum No. 8 screws approximately 2" from each corner and 12" on center. <u>Sill:</u> Minimum No. 8 x 2" screws through the clip securing the fixed panel to the frame.
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.

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