



# Product Evaluation

DR288 | 0416

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-288

**Effective Date:** April 1, 2016

**Re-evaluation Date:** February 2017

**Product Name:** Series 352 Vinyl Sliding Patio Doors, Fin and Frame Installation, Impact Resistant

**Manufacturer:** Atrium Windows & Doors  
9001 Ambassador Row  
Dallas, TX 75247  
(214) 637-26896

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 352 Vinyl SGD; OX	LC-PG60 96x96-SD Missile Level D	+60 / -60 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Size
1	95-1/2" x 95-1/2"	48-9/16" x 93"	48-9/16" x 93"

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

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Atrium Companies
	Product Name	352/2352 Impact Rated Vinyl Sliding Glass Doors w/ & w/o Fin Installation
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 ASTM E 1886-05; ASTM E 1996-05; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation (Use one of the following):**

**Option 1 (Frame):** Use minimum Spruce-Pine-Fir dimension lumber for the wall framing. The assembly is secured to the wall framing using the frame with minimum No. 10 x 2-1/2" screws. Located the fasteners spaced approximately 6" from each corner and 20" on center along all four sides. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Option 2 (Fin):** Use minimum Spruce-Pine-Fir dimension lumber for the wall framing. The assembly is secured to the wall framing using the nailing fin with minimum No. 8 screws. Locate the fasteners approximately 2" from each corner and 8" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

**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.