

Product Evaluation

DR566 | 0222

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-566

Effective Date: February 1, 2022

Re-evaluation Date: June 2024

Product Name: Dowel Series and Mortise and Tenon Series Wood Inswing Hinged French Entry Doors, Glazed or Opaque, Singles or Doubles, Non-Impact Resistant

Manufacturer: Simpson Door Company
400 W. Simpson Avenue
McCleary, WA 98557
(800) 356-4423

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Glazed or Opaque Double Door without surface bolts and with standard hardware; XX	MST: 6'5" x 8'2"	+35 / -35 psf
2	Glazed or Opaque Double Door with surface bolts and standard hardware; XX	MST: 6'5" x 8'2"	+50 / -50 psf
3	Glazed or Opaque, Double Doors w/ Multipoint hardware; XX	MST: 6'5" x 8'2"	+40 / -40 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Maximum Panel Daylight Opening Size
1-3	74-3/8" x 98"	36" x 95-1/4"	27" x 82-3/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-3	Hinges	4	Install in accordance with drawing No. SIMP2060, dated May 31, 2012. Revision A dated October 26, 2021. Signed and sealed by Robert James Amoruso, P.E. on December 27, 2021.
	Kwikset Series 740 Lockset with Kwikset Series 980 Deadbolt OR Schlage F Series Handle Set with Schlage B60 Deadbolt	1 each	
	W & F Multipoint Trilennium 3000 Series (System 3)	1	
	Ives surface bolts #253B Brass	2	
	Latch and Deadbolt strike plates OR Multipoint strike plate	1 each	

Product Identification (Certification Label on Door):

System		
1-3	Certification agency	NAMI
	Manufacturer's name or code name	Simpson Door Company
	Product name	Dowel and Mortise and Tenon Series Wood French Opaque or Glazed Single or Double Doors/Wood Fixed Panel w/ or w/o Sidelites
	Test standards	ASTM E330-02/E283-04/E547-00

Compliance: The products comply with ASTM E 330-14 as reference in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

System	
1-3	Type of installation
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with drawing No. SIMP2060, dated May 31, 2012. Revision A dated October 26, 2021. Signed and sealed by Robert James Amoruso, P.E. on December 27, 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.