



Product Evaluation

DR566 | 1014

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: October 1, 2014

Re-evaluation Date: October 2018

Product Name: Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Single and Double Doors, Non-impact Resistant

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

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|---|--|------------------------|
| 1 | Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors with surface bolts and standard locks; (XX) | Design Pressure: \pm 50 psf Maximum Size Tested: 6'-5"x8'-2" | \pm 50 psf |
| 2 | Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors without surface bolts and with standard locks; (XX) | Design Pressure: \pm 35 psf Maximum Size Tested: 6'-5"x8'-2" | \pm 35 psf |
| 3 | Dowel Series and Mortise and Tenon Series Wood French Inswing Glazed and Opaque Doors with multi-point lock (XX) | Design Pressure: \pm 40 psf Maximum Size Tested: 6'-5"x8'-2" | \pm 40 psf |

Component Dimensions:

| System | Overall Size | Panel Size | Daylight Opening Size |
|--------|-------------------|-------------|-----------------------|
| 1 | 6'-2-3/8" x 8'-2" | 36"x96" | 27"x82-3/8" |
| 2 | 6'-2-3/8"x 8'-2" | 36"x96-1/4" | 27"x82-3/8" |
| 3 | 6'-2-3/8"x8'-2" | 36"x96-1/4" | 27"x82-3/8" |

Acceptable Configurations: The following configurations are acceptable for an XX tested assembly: XX, X.

Components and Hardware:

| System | Components and Hardware |
|---------|--|
| 1, 2, 3 | Install the doors, hardware, and components in accordance with Simpson Door Company Glazed and Opaque Inswing Exterior Wood Door drawings SIMP2060, sheets 1 – 8 of 8, dated May 31, 2012, signed and sealed by Robert James Amoruso, P.E., on May 31, 2012. |

Product Identification (Certification Agency Label on Door):

| System | | |
|---------|----------------------------------|---|
| 1, 2, 3 | Certification Agency | NAMI |
| | Manufacturer's Name or Code Name | Simpson Door Company |
| | Product Name | Dowel and Mortise and Tenon Series Wood French Opaque and Glazed Opaque or Glazed Single or Double Doors/Wood Fixed Panel |
| | Test Standards | ASTM E283-04/ASTM E547-00/ASTM E330-02 |

Impact Resistance:

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

Installation:

| System | | |
|---------|---------------------------|---|
| 1, 2, 3 | Type of Installation | Door Frame |
| | Wall Framing | Wood (Minimum Spruce-Pine-Fir); Concrete (2,000 psi); Masonry (C-90) |
| | Fasteners | Wood: No. 10 wood screw; Concrete and Masonry: 3/16" diameter ITW Tapcon |
| | Fastener Embedment | Wood: Minimum of 1-1/2" into the wall framing; Concrete: Minimum of 1-1/2" into the wall framing; and Masonry: Minimum of 1" into the wall framing; |
| | Fastener Location/Spacing | Install the doors in strict accordance with this product evaluation report and Simpson Door Company drawings SIMP2060, sheets 1 – 8, dated May 31, 2012, signed and sealed by Robert James Amoruso, P.E. on May 31, 2012. |

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