

Product Evaluation

DR1146 | 0421

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-1146

Effective Date: April 1, 2021

Re-evaluation Date: April 2025

Product Name: Masonite and JELD-WEN Opaque Steel Side Hinged Doors in a "Rediframe PD" Hollow Metal Steel Door Frame, Inswing and Outswing, Singles, Impact Resistant

Manufacturer: Dunbarton Corporation
868 Murray Rd.
Dothan, AL 36303
(334) 794-0661

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 7'-0" Masonite Single Door; X Inswing/Outswing	+65 / -65 psf Missile Level D	TX-5150
2	3'-0" x 8'-0" Masonite Single Door; X Inswing/Outswing	+55 / -55 psf Missile Level D	TX-5151
3	3'-0" x 7'-0" JELD-WEN Single Door; X Inswing/Outswing	+65 / -65 psf Missile Level D	TX-5150
4	3'-0" x 8'-0" JELD-WEN Single Door; X Inswing/Outswing	+55 / -55 psf Missile Level D	TX-5151

Product Dimensions:

System	Overall Size	Operable Panel Size
1, 3	40" x 86-1/2"	35-3/4" x 83-1/4"
2, 4	40" x 98-1/2"	35-3/4" x 95-1/4"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-4	Hinges	3 (7'0" doors) 4 (8'0" doors)	Install hardware in accordance with Dunbarton drawings No. TX-5150 and TX-5151, dated February 1, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on February 4, 2021.
	Latch: Schlage (J10SOL) Deadbolt: Kwikset Signature Series (780)	1 each	
	Latch & Deadbolt strike plates	1 each	

Product Identification (Manufacturer Label on Door):

System		
1-2	Manufacturer's name	Dunbarton Corporation
	Product name	Opaque Masonite Steel Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Single
	Test standards	ASTM E330-14/E1886-13a/E1996-14a Missile Level D
3-4	Manufacturer's name	Dunbarton Corporation
	Product name	Opaque JELD-WEN Steel Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Single
	Test standards	ASTM E330-14/E1886-13a/E1996-14a Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-4	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1-4	Type of installation	Install in accordance with Dunbarton drawings No. TX-5150 and TX-5151, dated February 1, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on February 4, 2021.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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.