

Product Evaluation

DR1179 | 0722

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-1179

Effective Date: July 1, 2022

Re-evaluation Date: February 2026

Product Name: Plastpro Opaque Fiberglass Side Hinged Entry Doors, Inswing and Outswing, Singles, Impact Resistant

Manufacturer: Dormakaba Canada, Inc.
7301 Decarie
Montreal, Canada H4P2G7
(514) 735-5410

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 7'-0" Single Door; X	Inswing/Outswing: +55 / -65 psf	TX-5202
2	3'-0" x 7'-0" Single Door; X	Inswing/Outswing: +55 / -65 psf	TX-5201

Product Dimensions:

System	Overall Size	Operable Panel Size
1-2	37-3/4" x 85-3/4"	35-3/4" x 83-1/4"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Hinges	3	Install hardware in accordance with drawing No. TX-5202, dated May 6, 2021. Revision 2 dated June 9, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on June 9, 2022.
	Dormakaba "Oracode 480i", "Nova-D", "Saffire LX-D", "Saffire EVO LX-D", "Saffire EVO LZ-D", or "Saffire EVO VR-D" Electronic Deadbolt Locks	1	
	Any latch can be used	1	
	Latch and deadbolt strike plate	1 each	
2	Hinges	3	Install hardware in accordance with drawing No. TX-5201, dated May 6, 2021. Revision 2 dated June 9, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on June 9, 2022.
	"Saffire LX-I", "Saffire EVO LX-I", "Saffire EVO LZ-I", or "Saffire EVO VR-I" Interconnected Electronic Lock	1	
	Latch and deadbolt strike plate	1 each	

Product Identification (Manufacturer Label on Door):

System		
1-2	Manufacturer's name	Dormakaba Canada, Inc.
	Product name	Opaque Fiberglass Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Singles
	Test standards	ASTM E330-14/E1886-13a/E1996-14a Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-2	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		
1-2	Type of installation	Install in accordance with drawing No. TX-5202 and TX-5201, dated May 6, 2021. Revision 2 dated June 9, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on June 9, 2022.
	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.