

Product Evaluation

DR1189 | 0821

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-1189

Effective Date: August 1, 2021

Re-evaluation Date: July 2025

Product Name: 6'8" and 8'0" Plastpro Opaque Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, Impact Resistant

Manufacturer: Endura Products, Inc.
8811 West Market Street
Colfax, NC 27235
(336) 668-24720

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6'-8" Single Door; X	+65 / -65 psf Missile Level D	TX-5216
2	6'-0" x 6'-8" Double Door; XX	+55 / -55 psf Missile Level D	TX-5216
3	3'-0" x 8'-0" Single Door; X	+65 / -65 psf Missile Level D	TX-5217
4	6'-0" x 8'-0" Double Door; XX	+50 / -50 psf Missile Level D	TX-5217

Product Dimensions:

System	Maximum Overall Size	Operable Panel Size
1	37.47" x 81.94"	35.75" x 79.25"
2	73.97" x 81.94"	35.75" x 79.25"
3	37.47" x 97.94"	35.75" x 95.25"
4	73.97" x 97.94"	35.75" x 95.25"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-4	Hinges (System 1-2)	3	Install hardware in accordance with drawing No. TX-5216 and TX-5217, dated June 17, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on June 21, 2021.
	Hinges (System 3-4)	4	
	PanoLock Multipoint Lock	1	
	Latch strike plate	1	
	Astragal strike plate (System 2, 4)	1	

Product Identification (Manufacturer Label on Door):

System		
1-4	Manufacturer's name or code name	Endura Products, Inc.
	Product name	Opaque Plastpro Side Hinged Doors, Inswing/Outswing, Imp Resistant Door Panels, Singles & Doubles
	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.

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

Installation:

System	
1-4	Type of installation
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with drawing No. TX-5216 and TX-5217, dated June 17, 2021. Signed and sealed by Lyndon F. Schmidt, P.E. on June 21, 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.