

Product Evaluation

DR847 | 0622

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-847

Effective Date: June 1, 2022

Re-evaluation Date: March 2024

Product Name: Steel Outswing Side Hinged Double Doors, with or without Transoms, Impact Resistant

Manufacturer: Cantera Doors & More
 22108 West Highway 71
 Building 4, #404
 Spicewood, TX 78669
 (512) 263-8881

General Description:

System	Description	Label Rating	Design Pressure Rating	
			Water Penetration	No Water Penetration
1	Double Door Assembly w/ Rectangle Transom & Surface Bolts (O/OX)	MST: 75 x 158 Large Missile Impact Rated	+15 / -70 psf	+70 / -70 psf
2	Double Door Assembly w/ Arch Transom & Surface Bolts (O/OX)	MST: 75 x 158 Large Missile Impact Rated	+45 / -70 psf	+70 / -70 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1-2	75" x 157-1/2"	36-1/2" x 119-7/16"	Door: 22-1/2" x 106-1/2" Transom: 70-1/4" x 32-3/4"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-2	4-1/2" Hagger BB1191 Series Hinges	10	Install in accordance with drawing No. CANT1003, dated February 26, 2016. Revision A dated March 15, 2022. Signed and sealed by Robert James Amoruso, P.E. on April 28, 2022.
	Baldwin 8231 Series Deadbolt	1	
	Steel Surface Bolts	4	

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Cantera Doors
	Product name	Steel Out-Swing Side-Hinged Double Door w/ Transom (Surface Bolt Required)
	Test standards	TAS 20/202/203-94 Large Missile Impact Rated
2	Certification agency	NAMI
	Manufacturer's name or code name	Cantera Doors
	Product name	Steel Out-Swing Side-Hinged Double Door w/ Arch Transom (Surface Bolts Required)
	Test standards	TAS 201/202/203-94 Large Missile Impact Rated

Impact Resistance:

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris. They passed the equivalent of Missile Level D specified in ASTM E 1996-14a. 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
	Wall framing
	Fasteners
	Fastener location/spacing
	Fastener penetration
Install in accordance with drawing No. CANT1003, dated February 26, 2016. Revision A dated March 15, 2022. Signed and sealed by Robert James Amoruso, P.E. on April 28, 2022.	

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.