



Product Evaluation

DR831 | 0217

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-831

Effective Date: February 1, 2017

Re-evaluation Date: January 2021

Product Name: Tioga/Spartan Series Opaque Steel Outswing Double Side Hinged Door System, Impact Resistant

Manufacturer: Tell Manufacturing, Inc.
18 Richard Drive
Lititz, Pennsylvania 17543
(713) 956-2725

General Description:

System	Description	Design Pressure Rating	Drawing Number
1	8080 Opaque Steel Outswing Tioga/Spartan Double Door Impact Resistant (XX)	+50/-50 psf	15-69LTX

Product Dimensions:

System	Overall Size	Door Panel Size	Door Daylight Opening Size
1	100" x 98"	47-3/4" x 95-1/8" (2)	NA

Components and Hardware:

System	Component	Quantity	Attachment Method
1	4-1/2" x 4-1/2" Butt Hinges HG 100034	4/panel	Install hardware and components in accordance with Tell Manufacturing drawing No. 15-69LTX, titled "Tioga/Spartan" OS Double Steel Door System-L.M.I." dated September 23, 2016, signed and sealed by Javad Ahmad P.E. on November 8, 2016.
	Rim Panic Exit Device Tell Mfg. 8400 Series w/Keyed Escutcheon trim	1	
	Mortise Lock Heavy Duty Tell Mfg. ML 1300 Series	1	
	3/8" Surface Bolts	2	

Product Identification (Manufacturer Produced Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Tell Manufacturing Inc.
	Product Name	8080 Outswing Opaque Double Door Tioga/Spartan Series +/- 50 psf
	Test Standards	ASTM E330-14, ASTM E1886-13a, ASTM E1996-14 TAS 201, TAS 202, TAS 203 Large Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. 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 or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

System		
1	Type of Installation	Install and anchor doors in accordance with Tell Manufacturing drawing No. 15-69LTX, titled "Tioga/Spartan" OS Double Steel Door System-L.M.I." dated September 23, 2016, signed and sealed by Javad Ahmad P.E. on November 8, 2016.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

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