

## Product Evaluation

DR829 | 0920

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-829

**Effective Date:** September 1, 2020

**Re-evaluation Date:** January 2021

**Product Name:** Telstar/Tioga/Spartan Series Opaque Single Outswing Side Hinged Steel Doors, Impact Resistant

**Manufacturer:** Tell Manufacturing  
18 Richard Drive  
Lititz, PA 17543  
(713) 956-2725

### General Description:

System	Description	Design Pressure Rating	Drawing Number
1	3070 Opaque Single Outswing Steel Door Series Telstar; (X)	+50/-50 psf Missile Level D	15-35LTX
2	4080 Opaque Single Outswing Steel Door Series Tioga/Spartan; (X)	+50/-50 psf Missile Level D	15-35LTX
3	4080 Opaque Single Outswing Steel Door Series Tioga/Spartan; (X)	+75/-75 psf Missile Level D	15-35LTX

**Product Dimensions:**

System	Overall Size	Door Panel Size	Door Daylight Opening Size
1	40-1/2" x 86-1/8"	35-3/4" x 83-1/4"	NA
2	52-1/4" x 98"	47-3/4" x 95-1/8"	NA
3	54-1/8" x 98-1/8"	47-3/4" x 95-1/8"	NA

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1	4-1/2" Butt Hinges HG 10034	3	Install hardware and components in accordance with Tell Manufacturing Inc. Drawing No. 15-35LTX, titled ""Telstar/Tioga/Spartan" OS Steel Doors System-L.M.I." dated September 23, 2016, signed and sealed by Javad Ahmad P.E. on November 8, 2016.
	8300 Series Heavy Duty Grade 1 Rim Panic w/ Keyed Escutcheon	1	
	Strike Plate	1	
2	4-1/2" Butt Hinges HG 10034	4	
	Cylindrical Lock Thase Enterprise Series CL100249	1	
	Leverset Duty Commercial Series LC1281	1	
	Strike Plate	1	
3	4-1/2" Butt Hinges HG 10034	4	
	9500 Series Heavy Duty Grade 1 Rim Panic w/ Keyed Escutcheon	1	
	Strike Plate	1	

**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	Outswing Single, Opaque Type Wind Rated Doors and Frames, +/-50 Design Pressure Rated, Up to Nominal 4080
	Test Standards	ASTM E330-14; ASTM e 1886-13a, ASTM E 1996-14; Large Missile D

**Product Identification (Manufacturer Produced Label on Door) - Continued:**

System		
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Tell Manufacturing Inc.
	Product Name	Outswing Single, Opaque Type Wind Rated Doors and Frames, +/-50 Design Pressure Rated, Up to Nominal 4080
	Test Standards	ASTM E330-14; ASTM e 1886-13a, ASTM E 1996-14; Large Missile D
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Tell Manufacturing Inc.
	Product Name	Outswing Single, Opaque Type Wind Rated Doors and Frames, +/-75 Design Pressure Rated, Up to Nominal 4080
	Test Standards	ASTM E330-14; ASTM e 1886-13a, ASTM E 1996-14; Large Missile D

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2, 3	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 or smaller than those specified are acceptable within the limitations specified in this report.

**Installation:**

System		
1,2,3	Type of Installation	Install and anchor doors in accordance with Tell Manufacturing Inc. Drawing No. 15-35LTX, titled ""Telstar/Tioga/Spartan" OS Steel Doors 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 and the IBC.