

# Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2490, Rev. 2 | Project No. 423-0815 | 10/3/23 | Page 1 of 2

## Product Manufacturer

Tell Doors & Windows, LLC.  
6535 Guhn Rd, Ste 100  
Houston, TX 77040

A wholly owned subsidiary of  
Tell Manufacturing, Inc.  
18 Richard Drive  
Lititz, PA 17543

## Product Name, Model and/or Description

Tioga Doorway System

08-01018 / TDS-D-KD-WS / Double Leaf Side-Hinged Door  
08-01019 / TDS -D-PA-WS / Double Leaf Side-Hinged Door  
08-01020 / TDS -S-KD-WS / Single Leaf Side-Hinged Door  
08-01021 / TDS -S-PA-WS / Single Leaf Side-Hinged Door  
08-01999 / TDS -S-KD-WS / Single Leaf Side-Hinged Door  
08-02000 / TDS -S-PA-WS / Single Leaf Side-Hinged Door

**Code:** Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

**Compliance Method:** Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

**Product Name, Model and/or Designation - Test Report No. - Installation Drawing No.:** Products covered by this evaluation include the following. All testing performed by Architectural Testing, Inc., York, PA.

- Tioga Doorway System / TDS-D-KD-WS / Double Leaf Side-Hinged Door
  - Installation Drawing No. 08-01018, dated 10/17/23, signed and sealed by Robert J. Amoruso, P.E.
  - ATI 96353.01-109-18, dated 5/5/10, signed and sealed by Michael D Stremmel, P.E. on 5/6/10.
    - TAS 201-94, TAS 202-94 and TAS 203-94; DP = +/-50.13 psf; Limited Water at Positive DP = 0 psf.
- Tioga Doorway System / TDS-D-PA-WS / Double Leaf Side-Hinged Door
  - Installation Drawing No. 08-01019, dated 10/17/23, signed and sealed by Robert J. Amoruso, P.E.
  - ATI 96353.01-109-18, dated 5/5/10, signed and sealed by Michael D Stremmel, P.E. on 5/6/10.
    - TAS 201-94, TAS 202-94 and TAS 203-94; DP = +/-50.13 psf; Limited Water at Positive DP = 0 psf.
- Tioga Doorway System / TDS-S-KD-WS / Single Leaf Side-Hinged Door
  - Installation Drawing No. 08-01020, dated 10/17/23, signed and sealed by Robert J. Amoruso, P.E.
  - ATI 95608.01-109-18, dated 5/5/10, signed and sealed by Michael D Stremmel, P.E. on 5/7/10.
    - TAS 201-94, TAS 202-94 and TAS 203-94; DP = +/-50 psf; Limited Water at Positive DP = 0 psf.
- Tioga Doorway System / TDS-S-PA-WS / Single Leaf Side-Hinged Door
  - Installation Drawing No. 08-01021, dated 10/17/23, signed and sealed by Robert J. Amoruso, P.E.
  - ATI 95608.01-109-18, dated 5/5/10, signed and sealed by Michael D Stremmel, P.E. on 5/7/10.
    - TAS 201-94, TAS 202-94 and TAS 203-94; DP = +/-50 psf; Limited Water at Positive DP = 0 psf.
- Tioga Doorway System / TDS-S-KD-WS / Single Leaf Side-Hinged Door
  - Installation Drawing No. 08-01999, dated 10/17/23, signed and sealed by Robert J. Amoruso, P.E.
  - ATI C7149.01-109-18-R1, dated 5/1/13, signed and sealed by Michael D Stremmel, P.E. on 5/1/13.
    - TAS 201-94, TAS 202-94 and TAS 203-94; DP = +/-70 psf
- Tioga Doorway System / TDS-S-PA-WS / Single Leaf Side-Hinged Door
  - Installation Drawing No. 08-02000, dated 10/17/23, signed and sealed by Robert J. Amoruso, P.E.
  - ATI C7149.01-109-18-R1, dated 5/1/13, signed and sealed by Michael D Stremmel, P.E. on 5/1/13.
    - TAS 201-94, TAS 202-94 and TAS 203-94; DP = +/-70 psf

## Engineering Evaluation:

- Installation anchorage evaluation performed for the above-mentioned Tioga Doorway System doors by Robert J. Amoruso, P.E.



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Rule 61G20-3 F.A.C. | Report No. 2490, Rev. 2 | Project No. 423-0815 | 10/3/23 | Page 2 of 2

## Limitations & Conditions of Use:

- This product has been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- This product is impact resistant and does not require impact protection in wind borne debris regions including the HVHZ.
- Refer to Product Installation Instructions noted above for:
  - Maximum allowable wind loads at related maximum allowable size(s).
  - Overall dimensions and material/grade of main product components, accessories, etc.
  - Illustrated diagrams of the attachment of the product to substrate structure.
  - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.
- The products listed above have not been tested for water penetration. Therefore, they can only be used in the following areas per Section 1709 of the Current Edition of the Florida Building Code or Section R609 of the Current Edition of the Florida Residential Code.
  - Non-habitable areas where the door assembly and area are designed to accept water infiltration, or
  - Areas where the overhang (OH) ratio is equal to or more than one (1). OH as defined in the building code.

### Certificate of Independence per Product Approval Rule 61G20-3.009

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.

Evaluated by:  
Robert J. Amoruso, P.E.  
FL PE License No. 49752

