

Product Evaluation Report

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Product Manufacturer

Simpson Door Company
400 Simpson Ave
McCleary, WA 98557

Product Name, Model and/or Description

Series "Mulled Wooden Triple Transom" Glazed Fixed Unit w/Side-Mounted
Wooden Threshold (SIMP0025)
Series "Wooden Thoro Hung Westar High Impact" Fixed Single Sidelight
w/Bumper Threshold (SIMP0016)

Code: Current Edition of the Florida Building Code including the 7th Edition (2020) Florida Building Code

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

Product Installation Drawings: By PTC Product Design Group, LLC.

- Drawing No. SIMP0016, first issue, dated 6/8/21, signed and sealed by Robert J. Amoruso, P.E., *Simpson Door Co. Wooden Thoro Hung Westar High Impact Fixed Single Sidelight w/Bumper Threshold - Installation Anchorage Details.*
- Drawing No. SIMP0025, first issue, dated 6/8/21, signed and sealed on Robert J. Amoruso, P.E., *Simpson Door Co. Mulled Wooden Triple Transom Glazed Fixed Unit w/Side-Mounted Wooden Threshold - Installation Anchorage Details.*

Engineering Analysis & Evaluation:

- PTC Anchorage Engineering Reports – reviewed for current edition of Florida Building Code.
 - Report No. 832, signed and sealed by Douglas J. McDougall, P.E.
 - Report No. 1017, signed and sealed by Paul E. Winter, P.E.
- PTC Report No. 2715-EER, Rev. 0, *Simpson Door Co., Equivalency of Standards Evaluation Report*, dated 6/8/21, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752

Product Performance Testing: By National Certified Testing Laboratories.

- SIMP0016
 - NCTL-210-4190-09 to the following test procedures:
 - ANSI/AAMA/NWWDA 101/I.S.2-97
 - ASTM E1886-04/13a
 - ASTM E1996-04/12a
 - NCTL-210-4190-10 to the following test procedures:
 - ANSI/AAMA/NWWDA 101/I.S.2-97
 - ASTM E1886-04/13a
 - ASTM E1996-04/12a
- SIMP0025
 - NCTL-210-4190-07 to the following test procedures:
 - ASTM E-283-91
 - ASTM E-330-90
 - ASTM E-331-93

Limitations & Conditions of Use:

- This product has not been evaluated for use inside the High Velocity Hurricane Zone (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.



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- 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.

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 P.E. License Number 49752

