



WALTER A. TILLIT, JR., P.E.

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PRODUCT EVALUATION REPORT

REPORT NO.: 19-0315.01

DATE: March 15th, 2019

PRODUCT CATEGORY: Exterior Doors

PRODUCT SUB-CATEGORY: Swinging Exterior Door Assemblies

PRODUCT NAME: SINGLE PANEL SOLID / GLAZED WOOD PIVOT DOOR (LARGE MISSILE IMPACT RESISTANT)

SUBMITTED BY: Impact Precious Wood, Inc.
6333 NW 74th AVE.
Miami, Florida 33166

1. PURPOSE OF EVALUATION:

This is a Product Evaluation Report issued by **Walter A. Tillit, Jr., P.E.** (System ID # 1906) to **Impact Precious Wood, Inc.** based on **Rule Chapter No. 61G20-3, Method 1d of the Florida Department of Business and Professional Regulation.**

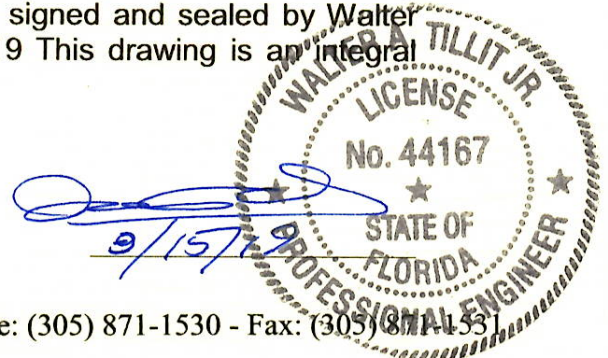
This product is being issued an Evaluation Report as described herein, and has been verified for compliance in accordance with the 2017 sixth edition of the Florida Building Code, and to verify that the product is for the purpose intended at least equivalent to that required by the Code.

This Product Evaluation Report shall be subject to review and revision in case of a Building Code change that may affect its limitations and conditions.

2. EVIDENCE SUBMITTED:

2.1. PRODUCT EVALUATION DOCUMENT (P.E.D.):

Drawing No 17-047, titled "**SINGLE PANEL SOLID / GLAZED WOOD PIVOT DOOR (LARGE MISSILE IMPACT RESISTANT)**", sheets 1 thru 10 (Including 7A, 7B, 8A, 8B) of 10, prepared by Tilteco, Inc.; signed and sealed by **Walter A. Tillit, Jr., P.E.**; dated **6/28/18**. Revised 3/15/2019 This drawing is an integral part of this Evaluation Report.



2.2. TEST REPORTS:

Large missile impact and cyclic loading under Florida TAS 201 and 203 Protocols, as per section 1626 of the Florida Building Code. Uniform Static loads in accordance with and Protocol TAS 202. Test reports prepared by Fenestration Testing Lab, Reports No. **9888**.

2.3. STRUCTURAL ENGINEERING CALCULATIONS:

On Product for maximum anchor spacing vs. design wind load and Product Dimensions based on rational and comparative analysis, and in accordance with sections **1616** and **1604** of the Florida Building Code. Calculations prepared by Tilteco, Inc., dated June 28, 2018 and 03/15/2019, signed and sealed by Walter A. Tillit, Jr., P.E.

3. MISSILE IMPACT RESISTANCE:

Large missile impact under section 1626 of the Florida Building Code, as per Protocol TAS 201.

4. WIND LOADS RESISTANCE:

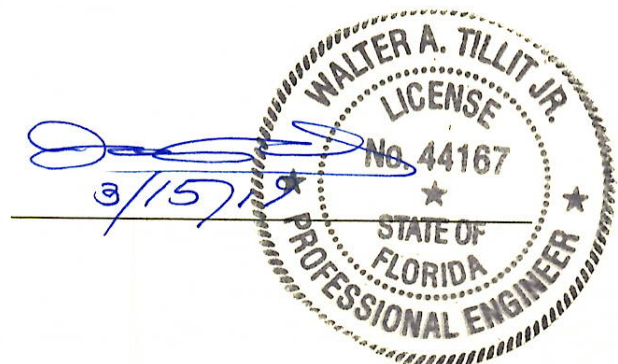
Product has been verified to sustain wind pressures. Maximum Product Dimensions and ASD Design Pressure rating shall be as indicated on sheets 1 and 2 of Product Evaluation Document (P.E.D.), Drawing No. **17-047**. Maximum Anchor Spacing shall be as indicated on sheet 2 of Product Evaluation Document (P.E.D.), drawing No. **17-047**.

5. INSTALLATION:

Shall be performed strictly in accordance with details indicated on sheets 2, 7, 7A, 7B, 8, 8A, 8B, 9 and 10 of Product Evaluation Document (P.E.D.), drawing No. **17-047**.

6. MATERIAL CHARACTERISTICS AND SPECIFICATIONS:

Shall be strictly in accordance with General Notes and Components indicated on sheets 1, 3 thru 6 of Product Evaluation Document (P.E.D.), Drawing No. **17-047**. Anchor specifications shall be as indicated on sheet 6 of Product Evaluation Document (P.E.D.), drawing No. **17-047**.




7. LIMITATIONS AND CONDITIONS OF USE:


7.1. Shall be strictly in compliance with General Notes No. 2, 3A, 3B, 6, and 8 thru 12, indicated on sheet 1 of Product Evaluation Document (P.E.D.), drawing No. **17-047** prepared by Tilteco, Inc. and signed and sealed by Walter A. Tillit, Jr., P.E.

7.2. Product **may be** installed within HIGH VELOCITY HURRICANE ZONES as defined on section 1620.2 of the Florida Building Code, or outside of HIGH VELOCITY HURRICANE ZONES.

7.3. Product shall only be installed into poured concrete, concrete block, wood and metal (aluminum or Steel) structures, as limited and defined on Product Evaluation Document No. **17-047**, Sheet 2.

Product Evaluation Report prepared by Walter A. Tillit, Jr., P.E. (Florida License No. 44167), President of Tilteco, Inc. (Florida EB-0006719).


3/15/19



The seal is circular with a double-line border. The outer ring contains the text "WALTER A. TILLIT JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "LICENSE" at the top, "No. 44167" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars.