

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

tilteco@aol.com
FL P.E. License No. 44167
FL C.A. License No. 0006719

PRODUCT EVALUATION REPORT

REPORT NO.: 23-1011.01

DATE: October 11, 2023

PRODUCT CATEGORY: Windows

PRODUCT SUB-CATEGORY: Casement

PRODUCT NAME: DOUBLE AND SINGLE OUTSWING
CASEMENT WINDOWS WITH OR WITHOUT
FIXED SIDE LITES

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.**

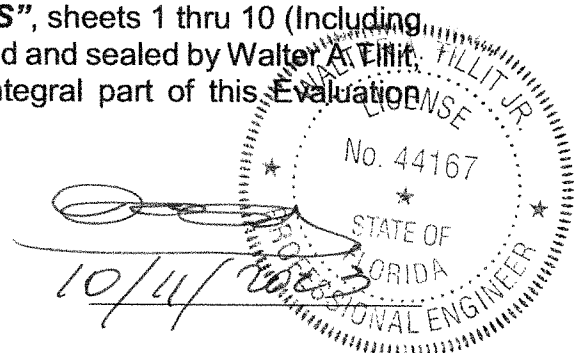
This product is being issued an Evaluation Report as described herein, and has been verified for compliance in accordance with the 2023 8th Edition of the Florida Building Code, and to verify that the product is for the purpose intended at least equivalent to that required by the Code.

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 23-234, titled **"DOUBLE AND SINGLE OUTSWING CASEMENT WINDOWS WITH OR WITHOUT FIXED SIDELITES"**, sheets 1 thru 10 (Including 4A, 9A and 9B) of 10, prepared by Tilteco, Inc.; signed and sealed by **Walter A. Tillit, Jr., P.E.**; dated **10/11/2023**. 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. **4752 and 4560, and HETI Lab Reports # 04-1923A, 04-1923B.**

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., signed and sealed by Walter A. Tillit, Jr., P.E. Glass verified per ASTM e-1300-9a, per section 2404.1 of Florida Building Code.

3. MISSILE IMPACT RESISTANCE:

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

4. WIND LOADS RESISTANCE:

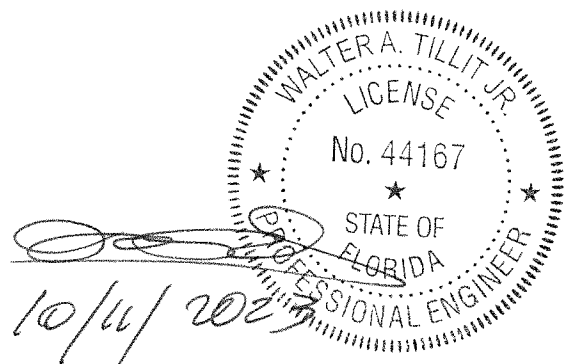
Product has been verified to sustain wind pressures. Maximum Product Dimensions and ASD Design Pressure rating shall be as indicated on sheets 2, 3, 4, 4A and 9B of Product Evaluation Document (P.E.D.), drawing No. **23-234** Maximum Anchor Spacing shall be as indicated on sheet 2, 3, 4, 4A and 9B of Product Evaluation Document (P.E.D.), drawing No. **23-234.**

5. INSTALLATION:

Shall be performed strictly in accordance with the details indicated on sheets 2 thru 4A, 9, 9A, 9B and 10 of Product Evaluation Document (P.E.D.), drawing No. **23-234.**

6. MATERIAL CHARACTERISTICS AND SPECIFICATIONS:

Shall be strictly in accordance with General Notes and Components indicated on sheets 1, 5, 6, 7 and 8 of Product Evaluation Document (P.E.D.), drawing No. **23-234.** Anchor specifications shall be as indicated on sheets 5 of Product Evaluation Document (P.E.D.), drawing No. **23-234.**



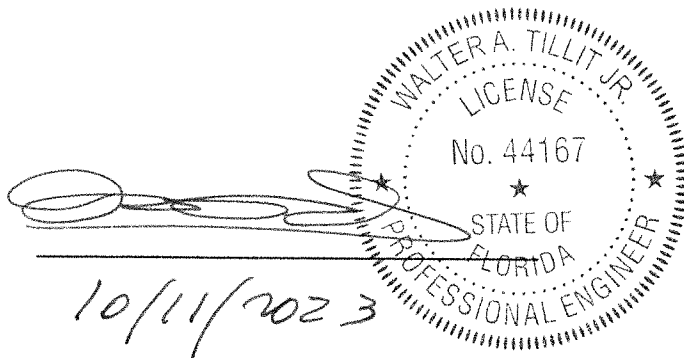
7. LIMITATIONS AND CONDITIONS OF USE:

7.1. Shall be strictly in compliance with General Notes No. 2, 3, 5, 7 thru 11, indicated on sheet 1 of Product Evaluation Document (P.E.D.), drawing No. **23-234** 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 202 of the Florida Building Code, or out of it.

7.3. Product shall only be installed into poured concrete, grouted concrete block and hollow concrete block, as limited and defined on Product Evaluation Document No. **23-234**.

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



10/11/2023