



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

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## PRODUCT EVALUATION REPORT

**REPORT NO.:** 15-1124.02

**DATE:** November 24<sup>th</sup>, 2015

**PRODUCT CATEGORY:** Shutters

**PRODUCT SUB-CATEGORY:** Roll Up

**PRODUCT NAME:** 26'-0" Max. Wide 20 Gage Slat Roll up Shutter System

**SUBMITTED BY:** Xoez Import & Export, Inc.  
dba. RollingDoor.com  
7214 NW 78<sup>th</sup> Terrace  
Medley, FL 33166

### 1. PURPOSE OF EVALUATION:

This is a Product Evaluation Report Revision issued by **Walter A. Tillit, Jr., P.E.** (System ID # 1906) to **Xoez Import & Export, Inc. dba. RollingDoor.com** 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 2014 fifth 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 **15-068**, titled "26'-0" MAX. WIDE 20 GAGE SLAT ROLL-UP SHUTTER SYSTEM", sheets 1 thru 4 of 4, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E.; dated 11/18/15. 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 1609.1.2 of the Florida Building Code. Uniform Static loads in accordance with and Protocol TAS 202. Test reports prepared by Blackwater Testing Inc., Report No. BT-ROD-15-001 signed and sealed by Yamil Gerardo Kuri, P.E. dated November 2, 2015.

Tensile Test Report No. HETI-15-T326 by Hurricane Engineering & Testing, Inc., dated November 6, 2015, signed and sealed by Rafael E. Droz-Seda, P.E.

**2.3. STRUCTURAL ENGINEERING CALCULATIONS:**

On 26'-0" Max. Wide 20 Gage Slat Roll Up Shutter System for maximum anchor spacing vs. design wind load and slat span based on rational and comparative analysis, and in accordance with section 1604 of the Florida Building Code. Calculations prepared by Tilteco, Inc., dated November 18, 2015, signed and sealed by Walter A. Tillit, Jr., P.E.

**3. MISSILE IMPACT RESISTANCE:**

Large missile impact under section 1609.1.2 of the Florida Building Code, as per Protocol TAS 201.

**4. WIND LOADS RESISTANCE:**

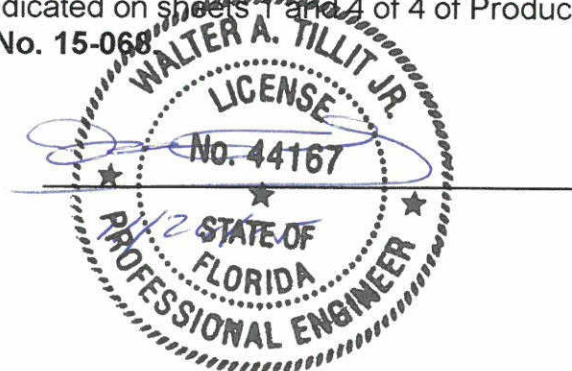
26'-0" Max. Wide 20 Gage Slat Roll Up Shutter System has been verified to sustain wind pressures. Maximum slat Span shall be as indicated on sheet 4 of 4 of Product Evaluation Document (P.E.D.), drawing No. 15-068. Maximum Anchor Spacing shall be as indicated on sheet 4 of 4 of Product Evaluation Document (P.E.D.), drawing No. 15-068.

**5. INSTALLATION:**

Shall be performed strictly in accordance with the details indicated on sheets 2 and 3 of 4 of Product Evaluation Document (P.E.D.), drawing No. 15-068.

**6. MATERIAL CHARACTERISTICS AND SPECIFICATIONS:**

Shall be strictly in accordance with General Notes and Components indicated on sheets 1, 2 and 3 of 4 of Product Evaluation Document (P.E.D.), drawing No. 15-068. Anchor specifications shall be as indicated on sheets 1 and 4 of 4 of Product Evaluation Document (P.E.D.), drawing No. 15-068.



**7. LIMITATIONS AND CONDITIONS OF USE:**

7.1. Shall be strictly in compliance with General Notes No. 1, 12, 13, 14, 15, and 16, indicated on sheet 1 of 4, of Product Evaluation Document (P.E.D.), drawing **No. 15-068** prepared by Tilteco, Inc. and signed and sealed by Walter A. Tillit, Jr., P.E.

7.2. Product **shall not be** installed within HIGH VELOCITY HURRICANE ZONES as defined on section 1620.2 of the Florida Building Code.

7.3. Product shall only be installed into poured concrete and steel frame structures, as limited and defined on Product Evaluation Document **No. 15-068**.

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

