

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

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PRODUCT EVALUATION REPORT

REPORT No.: 23-0919.01

DATE: September 19, 2023

PRODUCT CATEGORY: Exterior Doors

PRODUCT SUB-CATEGORY: Swinging Exterior Door Assemblies

PRODUCT NAME: SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR LARGE &
SMALL MISSILE IMPACT

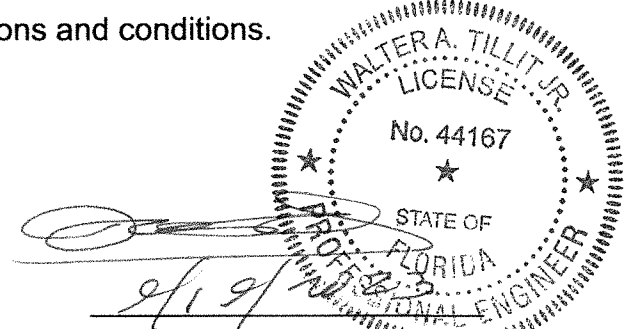
MANUFACTURER: **GIG WINDOWS & DOORS**
290 West 78th Road
Hialeah, FL 33014

1. PURPOSE OF EVALUATION:

This is a Product Evaluation Report issued by **Walter A. Tillit, Jr., P.E.** (System ID # 1906) to **GIG WINDOWS & DOORS**, 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. 23-219 titled “**SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR LARGE & SMALL MISSILE IMPACT**” sheets 1 thru 58 of 58 (includes 11A, 12A, 13A, 15A, 16A, 17A, 19A, 20A, thru 28A, 29A, 30A, 44A, thru 55A) prepared by **Tilteco, Inc.**; signed and sealed by **Walter A. Tillit, Jr., P.E.**; dated 9/19/2023. This drawing is an integral part of this Evaluation Report.

2.2. TEST REPORTS:

Impact and Cyclic Tests as per protocol TAS-201 and TAS-203, Uniform Static Load as per Protocol TAS 202 per sections 1626, and 1609.1.2 of the Florida Building Code.

Test reports prepared by Fenestration Testing Lab Inc., Reports No.10553, 10709 and 12604, signed and sealed by Dalmis Ortega, P.E.

2.3. STRUCTURAL ENGINEERING CALCULATIONS:

On “**SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR LARGE & SMALL MISSILE IMPACT**” for Maximum Pressure Rating vs. Maximum anchor spacing, Maximum Door’s width and height, Maximum Glass Size, based on rational and comparative analysis, in accordance with sections 1604 and 1616 of the Florida Building Code. Calculations prepared by Tilteco, Inc., dated 04/03/2019 and 03/05/2022, signed and sealed by Walter A. Tillit, Jr., P.E. Glass verified per ASTM E-1300-9a, per section 2401.1 of the Florida Building Code.

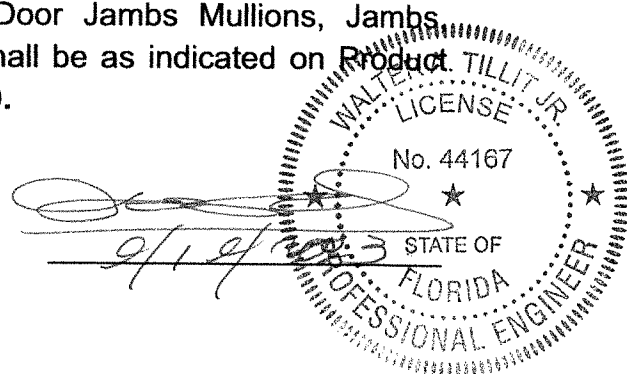
3. MISSILE IMPACT RESISTANCE:

Large Missile Impact resistance is provided per TAS 201 (9 lbs., 50 feet/sec).

4. WIND LOADS RESISTANCE:

On **SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR LARGE & SMALL MISSILE IMPACT** has been verified to keep sustain wind pressures. Maximum Glass Panels Dimensions, Maximum Door width and heights shall be as indicated on Product Evaluation Document (P.E.D.), Drawing No. **23-219**.

Maximum Design Pressure Rating for Doors, Door Jambs Mullions, Jambs, Head/Sill connections for applicable substrates shall be as indicated on Product Evaluation Document (P.E.D), Drawing No. **23-219**.



5. INSTALLATION:

Installation shall be performed strictly in accordance with General Notes # 4, 5, 6, 8, 10, 12, 13, 14 and 15, indicated on sheet 1 and details indicated on Product Evaluation Document (P.E.D.), drawing No. **23-219**.

Gaskets and setting blocks used at installations comply with section 2411.3.4 of the Florida Building Code as specified on Bill of Materials on Product Evaluation Document (P.E.D.) **Drawing No. 23-219**.

6. MATERIAL CHARACTERISTICS AND SPECIFICATIONS:

Shall be strictly in accordance with General Notes and Components indicated on Product Evaluation Document (P.E.D.), **Drawing No. 23-219**.

Anchor specifications shall be as indicated on sheet 1, of Product Evaluation Document (P.E.D.), **Drawing No. 23-219**.

7. LIMITATIONS AND CONDITIONS OF USE:

7.1. Shall be strictly in compliance with General Notes No. 1 thru 5, indicated on sheet 1 of Product Evaluation Document (P.E.D.), Drawing No. **23-219** 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 and out of it.

7.3. Product shall only be installed into poured concrete, grouted concrete block, aluminum, steel and wood structures with limitations indicated on Product Evaluation Document (P.E.D), Drawing No. **23-219..**

Product Evaluation Report prepared by Walter A. Tillit, Jr., P.E. (Florida License No. 44167), President of Tilteco, Inc. (Florida CA-0026719).

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OUTSWING ENTRANCE DOOR LARGE & SMALL MISSILE IMPACT\ DRWG # 23-219 \ REPORT # 23-0919.01.

