

Jimenez Engineering Group (JEG)
Orlando, FL 32837
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June 23, 2025

FPA#47601

<u>Manufacturer:</u>	Impact DW Doors and Windows Corp
<u>Manufacturer's Address:</u>	11205 Biscayne Blvd, Miami, FL 33181
<u>Product Name/Model & Description:</u>	IMPACT DW SGD Series "SD007 – Small Missile Impact"
<u>Installation Drawings:</u>	DWG-LMI23016-002

This product has been evaluated for compliance with the **8th Edition Florida Building Code (2023)** and is, for the purpose intended, at least equivalent to that required by the Code, in accordance with section 553.842 F.S. & chapter 61G20-3.005 F.A.C. Re-evaluation of this product shall be required following applicable Code modifications or revisions.

Manufacturer's label shall be located on a readily visible location in accordance with section 1709.9.3 of Florida Building Code. This label shall comply with section 1709.9.2.

Compliance Method: 61G20-3.005 (1)(d) – Evaluation Report from a licensed Professional Engineer

Test Reports:

Mandatory Tests (tested in accordance with AAMA 501 per FBC 2023 section 1709.8.4 and 2411.3.2.1.1, AAMA 101/I.S.2/NAFS/TAS-202, TAS-201 and TAS 203, supplemental tests in compliance with TAS 202 and ANSI Z97.1 Impact Test.)

Test Lab	Report Reference No.	Report Date	Test Standard & Description
Blackwater Testing, Inc. -West Palm Beach, FL	BT-IDW-24-001 Signed and sealed by MIKE D. CADWELL, P.E.	06/17/2021	ASTM E283 – Air Infiltration Leakage TAS 201 – Small Missile Impact ASTM E331 & TAS 202 – Water Penetration ASTM TAS 202 – Uniform Static Air Pressure Loading TAS 203 – Cyclic Loading ANSI Z97.1 – Impact Testing ASTM F842 – Forced Entry Test

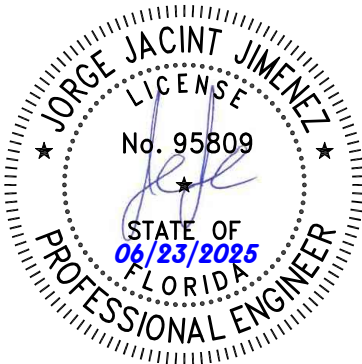
Engineering Analysis: The following engineering analyses and/or calculations have been performed:

- No comparative analysis has been performed for conditions other than those tested.
- Anchor calculations are based on manufacturer's published anchor capacity.

Limitations & Conditions of Use:

- This product has been evaluated for **use inside and outside of HVHZ zones** (High Velocity Hurricane Zone)
- Design Pressure: **+ 94.4 PSF / - 130 PSF**
- Impact Resistance: **Small Missile Impact**
- Refer to Product Approval Drawings noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Other load limitations applicable to the product, if any.
 - Overall dimensions of the attachment of the product to the structure.
 - Illustrated diagrams of the attachment of the product to the structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.

Respectfully submitted,



Jorge Jacint Jimenez, P.E., MSc
FL. Reg #95809
JEG, PLLC

Digitally signed by Jorge J Jimenez
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Jorge J Jimenez

This item has been digitally signed and sealed by Jorge Jacint Jimenez, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed. The signature must be verified on any electronic copies.