# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

## PRODUCT APPROVAL EVALUATION
## RULE CHAPTER #61G20-3 • METHOD 1 OPTION D

**FL 21855**
**Date: 07/19/2023**

**Detailed Product Description:**

**Manufacturer**: ASSURA WINDOWS & DOORS, LLC.

**Manufacturer Address**: 1543 N POWERLINE ROAD. POMPANO BEACH, FL 33069

**Model Name**: SERIES 249 ALUMINUM OUTSWING DOOR W/ SIDELITES

**Maximum Load: +100 PSF, -141 PSF** (Large Missile Impact)

**Installation Drawings #** W15-30

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements

For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.

Comparative analysis used _X_ Yes ___ No

**Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)**

| TEST | DESCRIPTION | TEST LOCATION | TEST REPORT DATE | TEST REPORT # | TEST SEALED BY |
|---|---|---|---|---|---|
| ASTM E283 | Air Infiltration Leakage | Fenestration Testing Laboratory | 1/03/2011 | FTL-6168 | Marlin Brinson, P.E. |
| ASTM E331 OR ASTM 547 & TAS 202 | Water Penetration | Fenestration Testing Laboratory | 1/03/2011 | FTL-6168 | Marlin Brinson, P.E. |
| ASTM E330 & TAS 202 | Uniform Static Air Press. | Fenestration Testing Laboratory | 1/03/2011<br>5/04/2021 | FTL-6168<br>FTL-12568 | Marlin Brinson, P.E.<br>Idalmis Ortega, P.E. |
| AAMA 1304 | Forced Entry | Fenestration Testing Laboratory | 1/03/2011<br>5/04/2021 | FTL-6168<br>FTL-12568 | Marlin Brinson, P.E.<br>Idalmis Ortega, P.E. |

**Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)**

| TEST | DESCRIPTION | TEST LOCATION | TEST REPORT DATE | TEST REPORT # | TEST SEALED BY |
|---|---|---|---|---|---|
| FBC 1626.2 TAS 201 & 203 | Large Missile Impact & Cyclic | Fenestration Testing Laboratory | 1/03/2011<br>5/04/2021 | FTL-6168<br>FTL-12568 | Marlin Brinson, P.E.<br>Idalmis Ortega, P.E. |

Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2023 Florida Building Code.

**Evaluation Report Engineer:**

Jalal Farooq PE # 81223
Al-Farooq Corporation EB # 3538

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sealed: 7/20/2023

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