



# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 46884

Date: 07/10/2026

### Detailed Product Description:

**Manufacturer:** E.S. WINDOWS, LLC.

**Manufacturer Address:** 3550 N.W. 49 STREET - MIAMI, FL 33142

**Model Name:** SERIES 1000/1050 ALUMINUM SINGLE HUNG WINDOW

**Maximum Load:** +80 PSF, -90 PSF (Large Missile Impact)

**Installation Drawings #** 25-67F

| 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |                             |                                       |                  |                   |                       |
| <b>Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS 202)</b>                  |                             |                                       |                  |                   |                       |
| Test                                                                                            | Description                 | Test Location                         | Test Report Date | Test Report #     | Test Sealed By        |
| ASTM E283                                                                                       | Air Infiltration Leakage    | Fenestration Testing Laboratory, Inc. | 6/9/2003         | FTL-3806          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 6/9/2003         | FTL-3820          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 1/25/2008        | FTL-5337          | Michael R. Wenzel, PE |
|                                                                                                 |                             |                                       | 2/13/2009        | FTL-5815          | Michael R. Wenzel, PE |
|                                                                                                 |                             | Hurricane Engineering & Testing, Inc. | 4/22/2005        | HETI-05-1448      | Ivonne Ghia, PE       |
|                                                                                                 |                             |                                       | 4/25/2005        | HETI-05-1953      | Ivonne Ghia, PE       |
| ASTM E331 OR<br>ASTM 547<br>& TAS 202                                                           | Water Penetration           | Fenestration Testing Laboratory, Inc. | 6/9/2003         | FTL-3806          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 6/9/2003         | FTL-3820          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 1/25/2008        | FTL-5337          | Michael R. Wenzel, PE |
|                                                                                                 |                             |                                       | 2/13/2009        | FTL-5815          | Michael R. Wenzel, PE |
|                                                                                                 |                             | Hurricane Engineering & Testing, Inc. | 4/22/2005        | HETI-05-1448      | Ivonne Ghia, PE       |
|                                                                                                 |                             |                                       | 4/25/2005        | HETI-05-1953      | Ivonne Ghia, PE       |
| ASTM E330<br>& TAS 202                                                                          | Uniform Static Air Pressure | Fenestration Testing Laboratory, Inc. | 6/9/2003         | FTL-3806          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 6/9/2003         | FTL-3820          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 1/25/2008        | FTL-5337          | Michael R. Wenzel, PE |
|                                                                                                 |                             |                                       | 2/13/2009        | FTL-5815          | Michael R. Wenzel, PE |
|                                                                                                 |                             | Hurricane Engineering & Testing, Inc. | 7/10/2020        | FTL-12222         | Idalmis Ortega, PE    |
|                                                                                                 |                             |                                       | 4/22/2005        | HETI-05-1448      | Ivonne Ghia, PE       |
| ASTM F588                                                                                       | Forced Entry                | Fenestration Testing Laboratory, Inc. | 4/25/2005        | HETI-05-1953      | Ivonne Ghia, PE       |
|                                                                                                 |                             | IFET, Inc.                            | 6/12/2025        | TR-IFET-23-0036.1 | Arshad Viqar, PE      |
|                                                                                                 |                             |                                       | 6/9/2003         | FTL-3806          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 6/9/2003         | FTL-3820          | Joseph C. Chan, PE    |
|                                                                                                 |                             |                                       | 1/25/2008        | FTL-5337          | Michael R. Wenzel, PE |
|                                                                                                 |                             |                                       | 2/13/2009        | FTL-5815          | Michael R. Wenzel, PE |
|                                                                                                 |                             | Hurricane Engineering & Testing, Inc. | 4/22/2005        | HETI-05-1448      | Ivonne Ghia, PE       |
|                                                                                                 |                             |                                       | 4/25/2005        | HETI-05-1953      | Ivonne Ghia, PE       |

| 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<br>(TAS 201 & 203)<br>ASTM E1886/1996                                                                                                                                        | Large Missile<br>Impact & Cyclic | Fenestration Testing<br>Laboratory, Inc. | 6/9/2003                                                                                                                                    | FTL-3806          | Joseph C. Chan, PE    |
|                                                                                                                                                                                         |                                  |                                          | 6/9/2003                                                                                                                                    | FTL-3820          | Joseph C. Chan, PE    |
|                                                                                                                                                                                         |                                  |                                          | 1/25/2008                                                                                                                                   | FTL-5337          | Michael R. Wenzel, PE |
|                                                                                                                                                                                         |                                  |                                          | 2/13/2009                                                                                                                                   | FTL-5815          | Michael R. Wenzel, PE |
|                                                                                                                                                                                         |                                  |                                          | 7/10/2020                                                                                                                                   | FTL-12222         | Idalmis Ortega, PE    |
|                                                                                                                                                                                         |                                  | Hurricane Engineering &<br>Testing, Inc. | 4/22/2005                                                                                                                                   | HETI-05-1448      | Ivonne Ghia, PE       |
|                                                                                                                                                                                         |                                  |                                          | 4/25/2005                                                                                                                                   | HETI-05-1953      | Ivonne Ghia, PE       |
|                                                                                                                                                                                         |                                  | IFET, Inc.                               | 6/12/2025                                                                                                                                   | TR-IFET-23-0036.1 | Arshad Viqar, PE      |
| 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 2026 Florida Building Code. |                                  |                                          |                                                                                                                                             |                   |                       |
| <b>Evaluation Report Engineer:</b><br><br><br><br><br><br><br><br><br><br>Jalal Farooq<br>Al-Farooq Corporation                                                                         |                                  |                                          | <br><br><br><br><br><br><br><br><br><br>Sealed: 7/10/2026 |                   |                       |
| PE # 81223<br>EB # 3538                                                                                                                                                                 |                                  |                                          |                                                                                                                                             |                   |                       |