



# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 22645

Date: 07/22/2026

### Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC

Manufacturer Address: 3550 NW 49 STREET. MIAMI, FL 33142

Model Name: SERIES ES-EL400-10 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +65 PSF, -65 PSF (Large Missile Impact)

Installation Drawings # 20-22F

| 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 <u>X</u> Yes <u>  </u> 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      | Blackwater Testing Inc. | 12/9/2019        | BT-ESW-19-007                                                                                             | Constantin Bortes, PE |
| ASTM E331 OR<br>ASTM E547 &<br>TAS 202                                                                                                                                                  | Water Penetration             | Blackwater Testing Inc. | 12/9/2019        | BT-ESW-19-007                                                                                             | Constantin Bortes, PE |
| ASTM E330 &<br>TAS 202                                                                                                                                                                  | Uniform Static Air Press.     | Blackwater Testing Inc. | 12/9/2019        | BT-ESW-19-007                                                                                             | Constantin Bortes, PE |
| ASTM F842                                                                                                                                                                               | Forced Entry Test             | Blackwater Testing Inc. | 12/9/2019        | BT-ESW-19-007                                                                                             | Constantin Bortes, PE |
| <b>Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)</b>                                                                                                               |                               |                         |                  |                                                                                                           |                       |
| Test                                                                                                                                                                                    | Description                   | Test Location           | Test Report Date | Test Report#                                                                                              | Test Sealed By        |
| FBC 1626.2<br>TAS 201 & 203<br>ANSI Z 97.1                                                                                                                                              | Large Missile Impact & Cyclic | Blackwater Testing Inc. | 12/9/2019        | BT-ESW-19-007                                                                                             | Constantin Bortes, 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>                                                                                                                                                      |                               |                         |                  |                                                                                                           |                       |
| Jalal Farooq<br>Al-Farooq Corporation                                                                                                                                                   |                               | PE # 81223<br>EB # 3538 |                  | <br>Sealed: 7/22/2026 |                       |