

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 27598

Date: 09/16/2026

**Detailed Product Description:**

**Manufacturer:** TECNOGLASS, LLC

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

**Model Name:** SERIES 5250 ALUMINUM CURTAIN WALL SYSTEM

**Maximum Load:** +130 PSF, -130 PSF (Large Missile Impact)

**Installation Drawings #** 18-33F

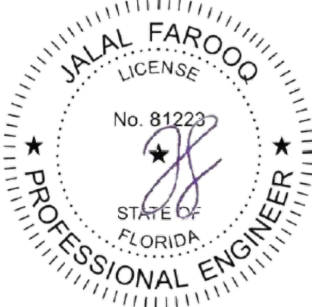
This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

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 501/101/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, Inc. | 9/4/2012<br>8/28/2012 | FTL-7051<br>FTL-6889 | Marlin D. Brinson, P.E. |
|                                       |                             | Blackwater Testing, Inc.              | 1/18/2019             | BT-ESW-19-001        | Costantin Bortes, P.E.  |
|                                       |                             | QAI Laboratories                      | 10/19/2023            | QAI-13198            | Idalmis Ortega, PE      |
|                                       |                             | Blackwater Technical Services         | 6/10/2024             | BT-ESW-23-012        | Michael D Caldwell PE   |
| ASTM E331 or<br>ASTM 547 &<br>TAS 202 | Water Penetration           | Fenestration Testing Laboratory, Inc. | 9/4/2012<br>8/28/2012 | FTL-7051<br>FTL-6889 | Marlin D. Brinson, P.E. |
|                                       |                             | Blackwater Testing, Inc.              | 1/18/2019             | BT-ESW-19-001        | Costantin Bortes, P.E.  |
|                                       |                             | QAI Laboratories                      | 10/19/2023            | QAI-13198            | Idalmis Ortega, PE      |
|                                       |                             | Blackwater Technical Services         | 6/10/2024             | BT-ESW-23-012        | Michael D Caldwell PE   |
| ASTM E330 &<br>TAS 202                | Uniform Static Air Pressure | Fenestration Testing Laboratory, Inc. | 9/4/2012<br>8/28/2012 | FTL-7051<br>FTL-6889 | Marlin D. Brinson, P.E. |
|                                       |                             | Blackwater Testing, Inc.              | 1/18/2019             | BT-ESW-19-001        | Costantin Bortes, P.E.  |
|                                       |                             | QAI Laboratories                      | 10/19/2023            | QAI-13198            | Idalmis Ortega, PE      |
|                                       |                             | Blackwater Technical Services         | 6/10/2024             | BT-ESW-23-012        | Michael D Caldwell 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>ANSI Z-97.1                                                                                                                                            | Large Missile<br>Impact & Cyclic | Fenestration Testing<br>Laboratory, Inc. | 9/4/2012<br>8/28/2012                                                              | FTL-7051<br>FTL-6889 | Marlin D. Brinson, P.E. |
|                                                                                                                                                                                         |                                  | Blackwater Testing, Inc.                 | 1/18/2019                                                                          | BT-ESW-19-001        | Costantin Bortes, P.E.  |
|                                                                                                                                                                                         |                                  | QAI Laboratories                         | 10/19/2023                                                                         | QAI-13198            | Idalmis Ortega, PE      |
|                                                                                                                                                                                         |                                  | Blackwater Technical<br>Services         | 6/10/2024                                                                          | BT-ESW-23-012        | Michael D Caldwell 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. |                                  |                                          |                                                                                    |                      |                         |
| Evaluation Report Engineer:                                                                                                                                                             |                                  |                                          |  |                      |                         |
| Jalal Farooq<br>Al-Farooq Corporation                                                                                                                                                   |                                  |                                          |                                                                                    |                      |                         |
| PE # 81223<br>EB # 3538                                                                                                                                                                 |                                  |                                          | Sealed: 9/17/2026                                                                  |                      |                         |