

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 18368

Date: 02/13/2018

**Detailed Product Description :**

**Manufacturer:** US ALUMINUM INC. – DIVISION OF CR LAURENCE CO.

**Manufacturer Address:** 7500 NW 69<sup>TH</sup> AVENUE MIAMI, FL 33166

**Model Name:** SERIES "DH-350" ALUMINUM INSWING DOOR

**Maximum Frame Width:** 45-1/2"(X) 87-1/2"(XX)

**Maximum Frame Height:** 110" 120"(W/TRANSOM)

**Maximum Load:** +100.0 PSF, -100.0 PSF (Large Missile Impact)

**Installation Drawings #** W15-46

| This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.   |                           |                                 |  |  |  |
|--|---------------------------|---------------------------------|--|--|--|
| The above maximum parameters do not occur simultaneously.<br>See installation drawings for combination of span vs loads and anchor type. |                           |                                 |  |  |  |
| 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 | 09/15/2004<br>06/28/2004<br>04/03/2012<br>11/09/2006<br>08/31/2004 | FTL-4320<br>FTL-4254<br>FTL-6859<br>FTL-5047<br>FTL-4306 | Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E.<br>Marlin D. Brinston, P.E.<br>Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E. |
| ASTM E331<br>OR ASTM 547<br>& TAS 202  | Water Penetration         | Fenestration Testing Laboratory | 09/15/2004<br>06/28/2004<br>04/03/2012<br>11/09/2006<br>08/31/2004 | FTL-4320<br>FTL-4254<br>FTL-6859<br>FTL-5047<br>FTL-4306 | Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E.<br>Marlin D. Brinston, P.E.<br>Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E. |
| ASTM E330<br>& TAS 202   | Uniform Static Air Press. | Fenestration Testing Laboratory | 09/15/2004<br>06/28/2004<br>04/03/2012<br>11/09/2006<br>08/31/2004 | FTL-4320<br>FTL-4254<br>FTL-6859<br>FTL-5047<br>FTL-4306 | Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E.<br>Marlin D. Brinston, P.E.<br>Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E. |
| AAMA 1304  | Forced Entry              | Fenestration Testing Laboratory | 09/15/2004<br>06/28/2004<br>04/03/2012<br>11/09/2006<br>08/31/2004 | FTL-4320<br>FTL-4254<br>FTL-6859<br>FTL-5047<br>FTL-4306 | Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E.<br>Marlin D. Brinston, P.E.<br>Edmundo Largaespada, P.E.<br>Edmundo Largaespada, P.E. |

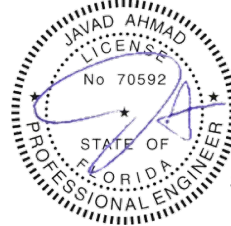
**Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)**

| TEST                          | DESCRIPTION                         | TEST LOCATION                      | TEST REPORT DATE | TEST REPORT # | Test Sealed by            |
|-------------------------------|-------------------------------------|------------------------------------|------------------|---------------|---------------------------|
| FBC 1626.2<br>(TAS 201 & 203) | Large Missile<br>Impact &<br>Cyclic | Fenestration Testing<br>Laboratory | 09/15/2004       | FTL-4320      | Edmundo Largaespada, P.E. |
|                               |                                     |                                    | 06/28/2004       | FTL-4254      | Edmundo Largaespada, P.E. |
|                               |                                     |                                    | 04/03/2012       | FTL-6859      | Marlin D. Brinston, P.E.  |
|                               |                                     |                                    | 11/09/2006       | FTL-5047      | Edmundo Largaespada, P.E. |
|                               |                                     |                                    | 08/31/2004       | FTL-4306      | Edmundo Largaespada, 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 2017 Florida Building Code.

**Evaluation Report Engineer:**

Javad Ahmad                      PE # 70592  
Al-Farooq Corporation        EB # 3538



Sealed: 2/14/2018