AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 27516

Detailed Product Description: **Date: 07/10/2023**

Manufacturer: ALUCORP S.A. DE C.V.

Manufacturer Address: Calle 2 Tablaje 17439 Int C X 21 y 25 Chichi Suarez , Merida 97306, Yucatan , Mexico

Model Name: SERIES 180 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +140 PSF, -140 PSF (Small Missile Impact)

Installation Drawings # 18-61F

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, Inc.	4/10/2018 4/10/2018	FTL-10162 FTL-9760	Idalmis Ortega, P.E. Idalmis Ortega, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	4/10/2018 4/10/2018	FTL-10162 FTL-9760	Idalmis Ortega, P.E. Idalmis Ortega, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc.	4/10/2018 4/10/2018	FTL-10162 FTL-9760	Idalmis Ortega, P.E. Idalmis Ortega, P.E.
ASTM F842	Forced Entry Test	Fenestration Testing Laboratory, Inc.	4/10/2018 4/10/2018	FTL-10162 FTL-9760	Idalmis Ortega, P.E. 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 1626.3 (TAS 201 & 203) ASTM E1886/1996	Small Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc.	4/10/2018 4/10/2018	FTL-10162 FTL-9760	Idalmis Ortega, P.E. 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 LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sealed: 7/12/2023

Jalal Farooq PE # 81223

Al-Farooq Corporation EB # 3538