



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 17527

Date: 10/31/2023

Detailed Product Description:

Manufacturer: SOL-A-TROL ALUMINUM PRODUCTS, INC.

Manufacturer Address: 4101 NW 132ND STREET – MIAMI, FL 33054

Model Name: SERIES "540-H" ALUMINUM HOPPER (PROJECT-IN) WINDOW WITH LOUVERS

Maximum Load: +75 PSF, -75 PSF (Large Missile Impact)

Installation Drawings # W15-04

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 ___ Yes <u>X</u> 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	8/7/2001	FTL-3059	Luis Figueredo, P.E.
		Hurricane Engineering & Testing, Inc.	10/8/2007	HETI-07-4214	Candido Font, P.E.
			10/8/2007	HETI-07-4215	Candido Font, P.E.
			10/8/2007	HETI-07-4216	Candido Font, P.E.
			4/15/2008	HETI-08-2080	Candido Font, P.E.
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc	8/7/2001	FTL-3059	Luis Figueredo, P.E.
		Hurricane Engineering & Testing, Inc.	10/8/2007	HETI-07-4214	Candido Font, P.E.
			10/8/2007	HETI-07-4215	Candido Font, P.E.
			10/8/2007	HETI-07-4216	Candido Font, P.E.
			4/15/2008	HETI-08-2080	Candido Font, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	8/7/2001	FTL-3059	Luis Figueredo, P.E.
		Hurricane Engineering & Testing, Inc.	6/2/2004	HETI-04-1386A	Rafael Droz-Seda, P.E.
			6/30/2004	HETI-04-1386B	Rafael Droz-Seda, P.E.
			6/30/2004	HETI-04-1386C	Rafael Droz-Seda, P.E.
			10/8/2007	HETI-07-4214	Candido Font, P.E.
			10/8/2007	HETI-07-4215	Candido Font, P.E.
			10/8/2007	HETI-07-4216	Candido Font, P.E.
			10/8/2007	HETI-07-4217	Candido Font, P.E.
			6/18/2009	HETI-07-4240	Candido Font, P.E.
			4/15/2008	HETI-08-2080	Candido Font, P.E.
ASTM F588	Forced Entry Test	Fenestration Testing Laboratory, Inc	8/7/2001	FTL-3059	Luis Figueredo, 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 (TAS 201 & 203)	Large Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc	8/7/2001	FTL-3059	Luis Figueredo, P.E.
		Hurricane Engineering & Testing, Inc.	10/8/2007	HETI-07-4218	Candido Font, P.E.
			6/18/2009	HETI-07-4299	Candido Font, 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:			 Sealed: 11/1/2023		
Jalal Farooq		PE # 81223			
Al-Farooq Corporation		EB # 3538			