AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 37315
Date: 07/31/2023

Detailed Product Description:

Manufacturer: SUNSHINE WINDOWS MANUFACTURING, INC.

Manufacturer Address: 1785 W 33 PLACE, HIALEAH, FL 33012

Model Name: SERIES 8000 ALUMINUM WINDOW WALL SYSTEM

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

Installation Drawings # 21-01F

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.	12/19/2007 03/24/2016 08/16/2017 06/19/2020	FTL-5447 FTL-8372 FTL-9605 FTL-12112	Michael R. Wenzel, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E.
		Blackwater Technical Services Inc.	05/17/2018 12/18/2020	BT-ESW-18-004 BT-ESW-20-036A	Constantin Bortes, P.E. Michael D. Caldwell, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	12/19/2007 03/24/2016 08/16/2017 06/19/2020	FTL-5447 FTL-8372 FTL-9605 FTL-12112	Michael R. Wenzel, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E
		Blackwater Technical Services Inc.	12/18/2020	BT-ESW-20-036A	Michael D. Caldwell, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc.	12/19/2007 03/24/2016 08/16/2017 06/19/2020	FTL-5447 FTL-8372 FTL-9605 FTL-12112	Michael R. Wenzel, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E.
		Blackwater Technical Services Inc.	05/17/2018 01/12/2023	BT-ESW-18-004 BT-ESW-22-023	Constantin Bortes, P.E. Michael D. Caldwell, P.E.
ASTM F588	Forced Entry	Fenestration Testing Laboratory, Inc.	06/19/2020	FTL-12112	Idalmis Ortega, P.E.
		Blackwater Technical Services Inc.	12/18/2020	BT-ESW-20-036A	Michael D. Caldwell, 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) ANSI Z97.1	Large Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc.	12/19/2007 03/24/2016 08/16/2017 06/19/2020	FTL-5447 FTL-8372 FTL-9605 FTL-12112	Michael R. Wenzel, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E.
		Blackwater Technical Services Inc.	05/17/2018 12/18/2020 01/12/2023	BT-ESW-18-004 BT-ESW-20-036A BT-ESW-22-023	Constantin Bortes, P.E. Michael D. Caldwell, P.E. Michael D. Caldwell, 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 PE # 81223 Al-Farooq Corporation EB # 3538			 Sealed: 7/31/2023		