



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 44212

Date: 06/21/2024

Detailed Product Description:

Manufacturer: TECNOGLASS, LLC

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

Model Name: SERIES PH3200 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +120 PSF, -140 PSF (Small Missile Impact)

Installation Drawings # 23-54F

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 <u> X </u> Yes <u> </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	02/12/2009	FTL-5286	Michael Wenzel, P.E.
			08/30/2007	FTL-5288	Carlos S. Rionda, P.E.
		Blackwater Testing	10/16/2023	BT-ESW-23-007	Michael D Caldwell, P.E.
		Blackwater Technical Services	05/23/2024	BT-ESW-23-051	Michael D Caldwell, P.E.
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Fenestration Testing Laboratory	02/12/2009	FTL-5286	Michael Wenzel, P.E.
			08/30/2007	FTL-5288	Carlos S. Rionda, P.E.
		Blackwater Testing	10/16/2023	BT-ESW-23-007	Michael D Caldwell, P.E.
		Blackwater Technical Services	05/23/2024	BT-ESW-23-051	Michael D Caldwell, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory	02/12/2009	FTL-5286	Michael Wenzel, P.E.
			08/30/2007	FTL-5288	Carlos S. Rionda, P.E.
		Blackwater Testing	10/16/2023	BT-ESW-23-007	Michael D Caldwell, P.E.
		Blackwater Technical Services	05/23/2024	BT-ESW-23-051	Michael D Caldwell, P.E.
ASTM F842	Forced Entry Test	Fenestration Testing Laboratory	02/12/2009	FTL-5286	Michael Wenzel, P.E.
			08/30/2007	FTL-5288	Carlos S. Rionda, P.E.
		Blackwater Testing	10/16/2023	BT-ESW-23-007	Michael D Caldwell, P.E.
		Blackwater Technical Services	05/23/2024	BT-ESW-23-051	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 1626.3 (TAS 201 & 203) ASTM E1886/1996	Small Missile Impact & Cyclic	Fenestration Testing Laboratory	02/12/2009	FTL-5286	Michael Wenzel, P.E.
			08/30/2007	FTL-5288	Carlos S. Rionda, P.E.
		Blackwater Testing	10/16/2023	BT-ESW-23-007	Michael D Caldwell, P.E.
		Blackwater Technical Services	05/23/2024	BT-ESW-23-051	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:			 Sealed: 6/25/2024		
Jalal Farooq		PE # 81223			
Al-Farooq Corporation		EB # 3538			