



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 30338

Date: 06/21/2024

Detailed Product Description:

Manufacturer: TECNOGLASS, LLC.

Manufacturer Address: 3550 N.W. 49 STREET – MIAMI, FL. 33142

Model Name: SERIES DM12 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +140 PSF, -170 PSF (Small Missile Impact)

Installation Drawings # 19-76F

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 Lab, Inc	03/13/2012 05/15/2007 12/01/2006 12/01/2006 07/19/2006 03/16/2019	FTL-6775 FTL-5187 FTL-4945 FTL-4892 FTL-4981/2 FTL-10469	Marlin D. Brinson, PE Carlos S. Rionda, PE Michael Wenzel, PE Michael Wenzel, PE Edmundo Largaespalda, PE Idalmis Ortega, PE
		Blackwater Technical Services,	08/02/2023 06/20/2024	BT-ESW-22-024 BT-ESW-23-024	Michael D Caldwell, P.E. Michael D Caldwell, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Lab, Inc	03/13/2012 05/15/2007 12/01/2006 12/01/2006 07/19/2006 03/16/2019	FTL-6775 FTL-5187 FTL-4945 FTL-4892 FTL-4981/2 FTL-10469	Marlin D. Brinson, PE Carlos S. Rionda, PE Michael Wenzel, PE Michael Wenzel, PE Edmundo Largaespalda, PE Idalmis Ortega, PE
		Blackwater Technical Services,	08/02/2023 06/20/2024	BT-ESW-22-024 BT-ESW-23-024	Michael D Caldwell, P.E. Michael D Caldwell, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Lab, Inc	03/13/2012 05/15/2007 12/01/2006 12/01/2006 07/19/2006 03/16/2019	FTL-6775 FTL-5187 FTL-4945 FTL-4892 FTL-4981/2 FTL-10469	Marlin D. Brinson, PE Carlos S. Rionda, PE Michael Wenzel, PE Michael Wenzel, PE Edmundo Largaespalda, PE Idalmis Ortega, PE
		Blackwater Technical Services, Inc.	08/02/2023 06/20/2024	BT-ESW-22-024 BT-ESW-23-024	Michael D Caldwell, P.E. Michael D Caldwell, P.E.

ASTM F842	Forced Entry Test	Fenestration Testing Lab. Inc	03/13/2012 05/15/2007 12/01/2006 12/01/2006 07/19/2006 03/16/2019	FTL-6775 FTL-5187 FTL-4945 FTL-4892 FTL-4981/2 FTL-10469	Marlin D. Brinson, PE Carlos S. Rionda, PE Michael Wenzel, PE Michael Wenzel, PE Edmundo Largaespalda, PE Idalmis Ortega, PE
		Blackwater Technical Services,	08/02/2023 06/20/2024	BT-ESW-22-024 BT-ESW-23-024	Michael D Caldwell, P.E. 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 Lab, Inc	03/13/2012 05/15/2007 12/01/2006 12/01/2006 07/19/2006 03/16/2019	FTL-6775 FTL-5187 FTL-4945 FTL-4892 FTL-4981/2 FTL-10469	Marlin D. Brinson, PE Carlos S. Rionda, PE Michael Wenzel, PE Michael Wenzel, PE Edmundo Largaespalda, PE Idalmis Ortega, PE
		Blackwater Technical Services,	08/02/2023 06/20/2024	BT-ESW-22-024 BT-ESW-23-024	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
Al-Farooq Corporation

PE # 81223
EB # 3538



Sealed: 6/26/2024