



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 46587

Date: 8/19/2026

Detailed Product Description:

Manufacturer: TECNOGLASS, LLC

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

Model Name: SERIES 500Y ALUMINUM SINGLE HUNG WINDOW

Maximum Load: +100.0 PSF, -150.0 PSF (Small Missile Impact)

Installation Drawings # 24-07F

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 ☐ 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.	8/31/2009 2/18/2005 1/10/2005	FTL-5988 FTL-4526 FTL-4352	Julio E Gonzalez, PE Edmundo J Largaespada, PE Edmundo J Largaespada, PE
		Blackwater Technical Services, Inc.	7/17/2026	BT-ESW-25-021	Michael Caldwell, PE
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	8/31/2009 2/18/2005 1/10/2005	FTL-5988 FTL-4526 FTL-4352	Julio E Gonzalez, PE Edmundo J Largaespada, PE Edmundo J Largaespada, PE
		Blackwater Technical Services, Inc.	7/17/2026	BT-ESW-25-021	Michael Caldwell, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc.	8/31/2009 2/18/2005 1/10/2005	FTL-5988 FTL-4526 FTL-4352	Julio E Gonzalez, PE Edmundo J Largaespada, PE Edmundo J Largaespada, PE
		Blackwater Testing, Inc	12/29/2023	BT-ESW-23-023	Michael D Caldwell, PE
		Blackwater Technical Services, Inc.	7/17/2026	BT-ESW-25-021	Michael Caldwell, PE
ASTM F588	Forced Entry Test	Fenestration Testing Laboratory, Inc.	2/18/2005 1/10/2005	FTL-4526 FTL-4352	Edmundo J Largaespada, PE Edmundo J Largaespada, PE
		Blackwater Technical Services, Inc.	7/17/2026	BT-ESW-25-021	Michael Caldwell, PE

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 ANSI Z97.1	Small Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc.	8/31/2009	FTL-5988	Julio E Gonzalez, PE
			7/5/2007	FTL-5321	Carlos S Rionda, PE
			2/18/2005	FTL-4526	Edmundo J Largaespada, PE
			1/10/2005	FTL-4352	Edmundo J Largaespada, PE
			1/10/2005	FTL-4268	Edmundo J Largaespada, PE
		Blackwater Testing, Inc	12/29/2023	BT-ESW-23-023	Michael D Caldwell, PE
		Blackwater Technical Services, Inc.	7/17/2026	BT-ESW-25-021	Michael Caldwell, PE
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 2026 Florida Building Code.					
Evaluation Report Engineer: Jalal Farooq Al-Farooq Corporation			 Sealed: 8/20/2026		
		PE # 81223 EB # 3538			