



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 47226

Date: 2/12/2025

Detailed Product Description:

Manufacturer: TECNOGLASS, LLC

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

Model Name: SERIES PH3400 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +150 PSF, -200 PSF (Small Missile Impact)

Installation Drawings # 24-100F

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 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	10/17/2007	FTL-5362	Michael Wenzel, PE
		Blackwater Technical Services	12/4/2024 12/20/2024	BT-ESW-24-014 BT-ESW-23-052	Michael D. Caldwell, PE Michael D. Caldwell, PE
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Fenestration Testing Laboratory	10/17/2007	FTL-5362	Michael Wenzel, PE
		Blackwater Technical Services	12/4/2024 12/20/2024	BT-ESW-24-014 BT-ESW-23-052	Michael D. Caldwell, PE Michael D. Caldwell, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory	10/17/2007	FTL-5362	Michael Wenzel, PE
		Blackwater Technical Services	12/4/2024 12/20/2024	BT-ESW-24-014 BT-ESW-23-052	Michael D. Caldwell, PE Michael D. Caldwell, PE
ASTM F842	Forced Entry Test	Fenestration Testing Laboratory	10/17/2007	FTL-5362	Michael Wenzel, PE
		Blackwater Technical Services	12/4/2024 12/20/2024	BT-ESW-24-014 BT-ESW-23-052	Michael D. Caldwell, PE Michael D. 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	Small Missile Impact & Cyclic	Fenestration Testing Laboratory	10/17/2007	FTL-5362	Michael Wenzel, PE
ANSI Z97.1 (Railing)		Blackwater Technical Services	12/4/2024 12/20/2024	BT-ESW-24-014 BT-ESW-23-052	Michael D. Caldwell, PE Michael D. 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 2023 Florida Building Code.					
Evaluation Report Engineer:					
Jalal Farooq Al-Farooq Corporation		PE # 81223 EB # 3538	Sealed: 2/12/2025		