



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 47098

Date: 09/12/2024

Detailed Product Description:

Manufacturer: LUXGARD WINDOWS AND DOORS, LLC.

Manufacturer Address: 1606 W. 31 PLACE HIALEAH, FL. 33012

Model Name: SERIES 200 RESIDENTIAL OUTSWING DOOR

Maximum Load: +60 PSF, -60 PSF (Large Missile Impact)

Installation Drawings # 24-60F

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	Hurricane Engineering & Testing Inc.	07/26/2024	HETI-23-8081	Ram N. Tewari, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing Inc.	07/26/2024	HETI-23-8081	Ram N. Tewari, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing Inc.	07/26/2024	HETI-23-8071 HETI-23-8081	Ram N. Tewari, PE
AAMA 1304	Forced Entry Test	Hurricane Engineering & Testing Inc.	07/26/2024	HETI-23-8081	Ram N. Tewari, 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 1626.2 (TAS 201 & 203) ASTM E1886/1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing Inc.	07/26/2024	HETI-23-8071 HETI-23-8081	Ram N. Tewari, 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: 10/24/2024		