

PRODUCT APPROVAL EVALUATION REPORT
RULE CHAPTER #61G20-3

MANUFACTURER
SOL-A-TROL ALUMINUM PRODUCTS
4101 NW 132 ND. STREET MIAMI, FL

PRODUCT
SERIES 535
ALUMINUM SINGLE HUNG WINDOW - LMI
FL20805.1

MAX. FRAME SIZE: 53 1/8" X 80" (EQUAL LITES)
DESIGN PRESSURE: (MAX.) = -100/+90 PSF

MAX. FRAME SIZE: 53 1/8" X 80" (EQUAL LITES) - INSULATED
DESIGN PRESSURE: (MAX.) = -80/+80 PSF

MAX. FRAME SIZE: 42" X 102" (FULL VIEW)
DESIGN PRESSURE: (MAX.) = -90/+70 PSF

NOTE: THIS PRODUCT COMPLIES WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) TESTING REQUIREMENTS

SEE CHARTS ON PRODUCT APPROVAL DRAWINGS TO COORDINATE ALLOWABLE DESIGN PRESSURES FOR SPECIFIC FRAME SIZES, GLASS TYPE COMBINATIONS

COMPARATIVE ANALYSIS HAS NOT BEEN UTILIZED IN THE PREPERATION OF THIS APPROVAL

MANITORY TESTS (TESTED IN ACCORDENCE WITH AAMA 101/ I.S.2/ NAPS-02/ TAS 201/ TAS202/TAS203)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT #	TEST DATE	ENGINEER
ASTM E283	AIR INFILTRATION	HURRICANE ENGINEERING & TESTING, INC.	HETI-04-1398 HETI-05-1460	7/22/2004 8/05/2005	IVONNE GHIA, PE IVONNE GHIA, PE
ASTM E331 ASTM 547 & TAS 202	WATER PENETRATION	HURRICANE ENGINEERING & TESTING, INC.	HETI-04-1398 HETI-05-1460	7/22/2004 8/05/2005	IVONNE GHIA, PE IVONNE GHIA, PE
ASTM E-330 & TAS 202	UNIFORM STATIC AIR PRESSURE	HURRICANE ENGINEERING & TESTING, INC.	HETI-04-1398 HETI-05-1460 HETI-10-3098 FTL 12574	7/22/2004 8/05/2005 9/10/2010 5/11/2021	IVONNE GHIA, PE IVONNE GHIA, PE IDALMIS ORTEGA, P.E.
ASTM F 588	FORCED ENTRY	HURRICANE ENGINEERING & TESTING, INC.	HETI-04-1398 HETI-05-1460	7/22/2004 8/05/2005	IVONNE GHIA, PE IVONNE GHIA, PE

SUPPLIMENTAL TESTS (TESTED IN ACCORDANCE WITH TAS 201 & TAS 203)

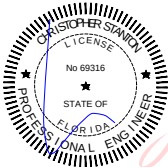
FBC 1626.2 TAS 201 & TAS 203	LARGE MISSILE IMPACT & CYCLIC	HURRICANE ENGINEERING & TESTING, INC.	HETI-05-2056 HETI-05-1966 HETI-05-1912 HETI-10-3101 HETI-10-3099 FTL 12574	12/14/2005 11/14/2005 12/21/2005 10/10/2010 10/10/2010 5/11/2021	IVONNE GHIA, PE IVONNE GHIA, PE IVONNE GHIA, PE IVONNE GHIA, PE CANDIDO F. FONT, PE IDALMIS ORTEGA, P.E.
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UNDER THE LIMITATIONS OF THE ATTACHED INSTALLATION DRAWINGS, TO THE BEST OF MY KNOWLEDGE, THE ABOVE WINDOW PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE

EVALUATION REPORT ENGINEER

Christopher Stanton, P.E.
Fla. P.E. #69316

STANTON ENGINEERING INC.
CERT. OF AUTHORIZATION
2701 BOCA RATON BLVD. SUITE #204
BOCA RATON, FL 33431



Digitally signed by
Christopher Stanton
Date: 2024.10.09
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