

PRODUCT APPROVAL EVALUATION REPORT
RULE CHAPTER #61G20-3

MANUFACTURER

VELOCITY IMPACT PRODUCTS
2200 AVENUE L
WEST PALM BEACH, FL

PRODUCT
SERIES 5000

ALUMINUM WINDOW WALL SYSTEM - LMI

MOCK-UP '1'
NON-REINFORCED
MAX. FRAME SIZE: 253-3/4" X 96-1/4" (O/O-O-O)
DESIGN PRESSURE: (MAX.) = -100/+100 PSF
TEST REPORT # BT-VIP-22-001A

MOCK-UP '5'
NON-REINFORCED
MAX. FRAME SIZE: 190-3/4" X 96-1/4" (O/O-O-O)
DESIGN PRESSURE: (MAX.) = -100/+100 PSF
TEST REPORT # BT-VIP-22-001A

MOCK-UP '1/1'
NON-REINFORCED
MAX. FRAME SIZE: 181-1/4" X 120" (O/O-O-O)
DESIGN PRESSURE: (MAX.) = -59/+59 PSF
CYCLIC PRESSURE: +/-65 PSF
TEST REPORT # BT-VIP-22-001B

MOCK-UP '2/2'
NON-REINFORCED
MAX. FRAME SIZE: 121-1/4" X 60" (O/O-O)
DESIGN PRESSURE: (MAX.) = -59/+59 PSF
CYCLIC PRESSURE: +/-65 PSF
TEST REPORT # BT-VIP-22-001B

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

MANITORY TESTS (TESTED IN ACCORDENCE WITH TAS 201/ TAS202/TAS203)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT #	TEST DATE	ENGINEER
TAS202-94	AIR INFILTRATION	BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001A	10/22/22-11/6/22	MICHAEL CALDWELL, PE
		BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001B	6/9/23-7-26/23	MICHAEL CALDWELL, PE
ASTM E331-00 & TAS 202	WATER PENETRATION	BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001A	10/22/22-11/6/22	MICHAEL CALDWELL, PE
		BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001B	6/9/23-7-26/23	MICHAEL CALDWELL, PE
ASTM F888-07 TAS 202	FORCED ENTRY	BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001A	10/22/22-11/6/22	MICHAEL CALDWELL, PE
		BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001B	6/9/23-7-26/23	MICHAEL CALDWELL, PE
TAS202-94	UNIFORM STATIC AIR PRESSURE	BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001A	10/22/22-11/6/22	MICHAEL CALDWELL, PE
		BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001B	6/9/23-7-26/23	MICHAEL CALDWELL, PE

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

TAS 201 & TAS 203 ASTM E1886-13:CYCLIC	LARGE MISSILE IMPACT &	BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001A	10/22/22-11/6/22	MICHAEL CALDWELL, PE
		BLACKWATER TECHNICAL SERVICES	BT-VIP-22-001B	6/9/23-7-26/23	MICHAEL CALDWELL, PE

UNDER THE LIMITATIONS OF THE ATTACHED INSTALLATION DRAWINGS, TO THE BEST OF MY KNOWLEDGE, THE ABOVE GLAZING SYSTEM PRODUCT
CONFORMS TO THE REQUIREMENTS OF THE 2020/ 2023 FLORIDA BUILDING CODE

PLEASE NOTE: TAS 201, 202 & 203 IS EQUIVELANT TO AAMA 501.

EVALUATION REPORT ENGINEER

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

STANTON ENGINEERING INC.
CERT. OF AUTHORIZATION #32093
2701 BOCA RATON BLVD. SUITE #204
BOCA RATON, FL 33431