

PRODUCT APPROVAL EVALUATION REPORT

RULE CHAPTER #61G20-3

MANUFACTURER

VELOCITY IMPACT PRODUCTS

2200 AVENUE L
WEST PALM BEACH, FL

PRODUCT

SERIES 1000

ALUMINUM SLIDING GLASS DOOR SYSTEM - LMI

MOCK-UP '1' TEST REPORT # J8685.01-450-18 R0
NON-REINFORCED
MAX. FRAME SIZE: 192" X 108" (XX-XX)
DESIGN PRESSURE: (MAX.) = -80/+80 PSF

MOCK-UP '2' TEST REPORT # J8685.01-450-18 R0
REINFORCED
MAX. FRAME SIZE: 192" X 108" (XX-XX)
DESIGN PRESSURE: (MAX.) = -130/+120 PSF (TAS-202)
DESIGN PRESSURE: (MAX.) = -140/+140 PSF (TAS-201/ 203)

MOCK-UP '3' TEST REPORT # J8685.01-450-18 R0
NON-REINFORCED
MAX. FRAME SIZE: 192" X 96" (XX-XX)
DESIGN PRESSURE: (MAX.) = -90/+90 PSF

MOCK-UP '4' TEST REPORT # J8685.01-450-18 R0
REINFORCED
MAX. FRAME SIZE: 197" X 96" (XX-XX)
DESIGN PRESSURE: (MAX.) = -140/+140 PSF

MOCK-UP '5' TEST REPORT # J8685.01-450-18 R0
NON-REINFORCED
MAX. FRAME SIZE: 362 5/16" X 120" (OXX-XXX)
DESIGN PRESSURE: (MAX.) = -60/+60 PSF (TAS-202)
DESIGN PRESSURE: (MAX.) = -70/+70 PSF (TAS-201/ 203)

MOCK-UP '6' TEST REPORT # J8685.01-450-18 R0
REINFORCED
MAX. FRAME SIZE: 356 11/16" X 120" (OXX-XXX)
DESIGN PRESSURE: (MAX.) = -70/+70 PSF (TAS-202)
DESIGN PRESSURE: (MAX.) = -80/+80 PSF (TAS-201/ 203)

MOCK-UP '7' TEST REPORT # L2703.01-450-18 R0
NON-REINFORCED
MAX. FRAME SIZE: 192 1/4" X 108" (O-XXX)-(XXXO)
DESIGN PRESSURE: (MAX.) = -90/+90 PSF (TAS-202)
DESIGN PRESSURE: (MAX.) = -90/+90 PSF (TAS-201/ 203)

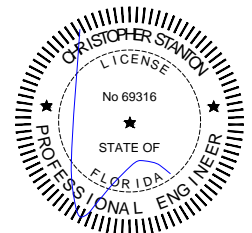
MOCK-UP '8' TEST REPORT # N2741.01-450-18 R0
NON-REINFORCED
MAX. FRAME SIZE: 125-5/8" X 107-3/4" (O-XXX)
DESIGN PRESSURE: (MAX.) = -100/+100 PSF (TAS-202)
DESIGN PRESSURE: (MAX.) = -120/+120 PSF (TAS-201/ 203)

MOCK-UP '9' TEST REPORT # Q0027.01-450-18-R0
REINFORCED
MAX. FRAME SIZE: 188" X 108" (O-O-O-O)
DESIGN PRESSURE: (MAX.) = -120/+120 PSF (TAS-202)
DESIGN PRESSURE: (MAX.) = -140/+140 PSF (TAS-201/ 203)

SPECIMEN '1-4' TEST REPORT REF. - BT-VIP-23-001
SUPER NARROW INTERLOCK
MAX. FRAME SIZE: 120" X 120" (O-O)
DESIGN PRESSURE: (MAX.) = -65/+65 PSF (TAS-202)
DESIGN PRESSURE: (MAX.) = -65/+65 PSF (TAS-201/ 203)

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)

<u>TEST</u>	<u>DESCRIPTION</u>	<u>TEST LOCATION</u>	<u>TEST REPORT #</u>	<u>TEST DATE</u>	<u>ENGINEER</u>
ASTM E283 TAS202	AIR INFILTRATION	INTERTEK	J8685.01-450-18 R1	8/20/19-10/31/19 2/13/20 -3/30/20	VINU J. ABRAHAM
			L2703.01-450-18 R0	11/03/20-04/19/21	
			Q0027.01-450-18-R0	5/18/23-6/02/23	TANYA DOLBY
		BLACKWATER TECHNICAL SERVICES, INC.	BT-VIP-23-001	10/01/2023 - 11/21/23	MICHAEL CALDWELL
ASTM E331 ASTM 547 & TAS 202	WATER PENETRATION	INTERTEK	J8685.01-450-18 R1	8/20/19-10/31/19 2/13/20 -3/30/20	VINU J. ABRAHAM
			L2703.01-450-18 R0	11/03/20-04/19/21	
			Q0027.01-450-18-R0	5/18/23-6/02/23	TANYA DOLBY
		BLACKWATER TECHNICAL SERVICES, INC.	BT-VIP-23-001	10/01/2023 - 11/21/23	MICHAEL CALDWELL
ASTM F842 TAS 202	FORCED ENTRY	INTERTEK	J8685.01-450-18 R1	8/20/19-10/31/19 2/13/20 -3/30/20	VINU J. ABRAHAM
			L2703.01-450-18 R0	11/03/20-04/19/21	
ASTM E-330 & TAS 202	UNIFORM STATIC AIR PRESSURE	INTERTEK	J8685.01-450-18 R1	8/20/19-10/31/19 2/13/20 -3/30/20	VINU J. ABRAHAM
			L2703.01-450-18 R0	11/03/20-04/19/21	
			N2741.01-450-18 R0	10/31/22	
		BLACKWATER TECHNICAL SERVICES, INC.	BT-VIP-23-001	10/01/2023 - 11/21/23	MICHAEL CALDWELL

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

FBC 1626.2 TAS 201 & TAS 203	LARGE MISSILE IMPACT & CYCLIC	INTERTEK	J8685.01-450-18 R1	8-26-19-10-31-19 2/13/20 -3/30/20	VINU J. ABRAHAM
			L2703.01-450-18 R0	11/03/20-04/19/21	
			N2741.01-450-18 R0	11/2/22	
		BLACKWATER TECHNICAL SERVICES, INC.	BT-VIP-23-001	10/01/2023 - 11/21/23	MICHAEL CALDWELL

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

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