

## JAVAD AHMAD PE, inc CONSULTING | STRUCTURAL DESIGN | FACADES | BUILDING ENVELOPE | SYSTEM DESIGN | PRODUCT APPROVALS

## - Florida Building Code - 8th Edition (2023) -Per Rule 61G20-3 / Method 1 - D

46591.1 FL #: DATE: 12/20/2024

**Product Description** 

Manufacturer: **ALUPROF SA** 

Address: Warszawska 153 St. 43-300 Bielsko-Biała, Poland

Model Name: **MB-SR50N Storefront System** 

**Maximum Load:** +110.0 PSF / -110.0 PSF (Large & Small Missile Impact)

dated: 12-20-2024, signed and sealed by Javad Ahmad, PE. FL License No. 70592 Drawing No.: JA-1985-23

This product COMPLIES with the 2023 Florida Building Code - 8th Edition (2023 FBC) for use in the High-Velocity Hurricane Zone (HVHZ) per TAS 201/202/203.

For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.

Comparative Analysis used:

YES	$\bigcirc$

Mandatory Tests (Tested in accordance with AAMA 501 / 101 / I.S.2 / NAFS / TAS 202)						
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST REPORT SEALED BY	
TAS 202-94	Uniform Static Test	National Certified Testing Laboratories - PA 17406	06/26/2023 06/26/2023 07/24/2023	NCTL-110-26361-1 NCTL-110-26361-2 NCTL-110-26361-3	Justin L. Bupp Justin L. Bupp Justin L. Bupp	
ASTM E283	Air Infiltration Leakage					
ASTM E331	Water Penetration by Static Air Pressure Dif.					
ASTM E330	Structural Perf. by Uniform Static Air Pressure Dif.					
ASTM F588	Forced Entry Resistance					
TAS 202-94	Uniform Static Test	Molimo - PA 17402	06/06/2024	28839.01-106-13	Michael D. Stremmel, PE	
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Supplemental Tests (Tested in accordance with TAS 201 and TAS-203)						
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST REPORT SEALED BY	
TAS 201-94	Impact Test (Large Missile Impact)	National Certified Testing Laboratories - PA 17406	06/26/2023 06/26/2023 07/24/2023	NCTL-110-26361-1 NCTL-110-26361-2 NCTL-110-26361-3	Justin L. Bupp Justin L. Bupp Justin L. Bupp	
TAS 203-94	Cyclic Wind Pressure Load					
TAS 201-94	Impact Test (Large Missile Impact)	- Molimo - PA 17402	06/06/2024	28839.01-106-13	Michael D. Stremmel, PE	
TAS 203-94	Cyclic Wind Pressure Load					
TAS 201-94	Impact Test (Large Missile Impact)	- Molimo - PA 17402	10/24/2024	29056.01-106-13	Michael D. Stremmel, PE	
TAS 203-94	Cyclic Wind Pressure Load					

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 - 8th Edition (2023 FBC).

**Evaluation Report Engineer:** 

Javad Ahmad, PE FL P.E.# 70592 EB C.A.N. # 34254 JAVAD AHMAD PE, Inc. Sealed: 12/20/2024

7875 NW 12 Street, Suite 102, Doral, FL 33126









