

ALUTECH SYSTEMS S.R.O.

MOCK-UP TEST REPORT

SCOPE OF WORK

PERFORMANCE MOCK-UP TESTING

REPORT NUMBER

Q7145.01-120-32 R0 (M8642.01-120-32 R1 Reissue)

TEST DATES

11/03/22 - 11/07/22

REISSUE DATE

10/31/23

RECORD RETENTION END DATE

11/07/26

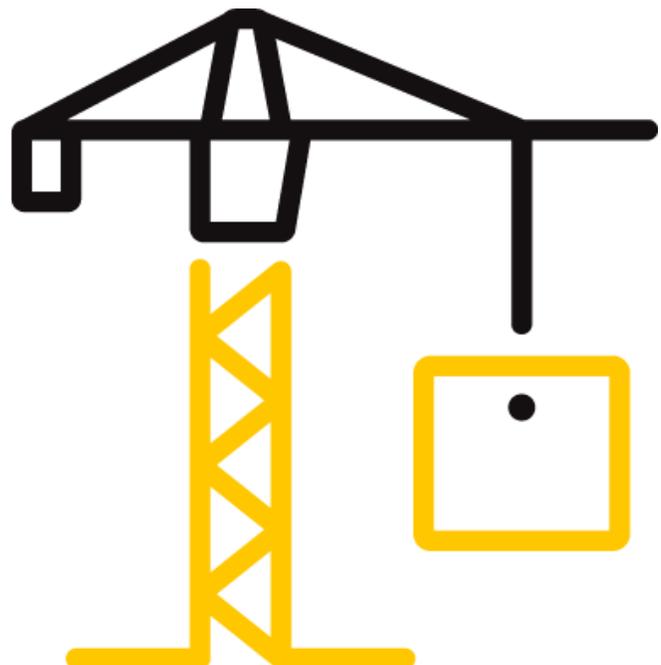
PAGES

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DOCUMENT CONTROL NUMBER

RT-R-AMER-Test-2744 (04/05/18)

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TEST REPORT FOR ALUTECH SYSTEMS S.R.O.

Report No.: Q7145.01-120-32 R0

Date: 10/31/23

SECTION 5 FINAL TEST RESULTS

General Note: Unless otherwise stated, all comments relative to location are as viewed from the interior.

DATE:	11/3/22	TEMP:	62°F	BP:	29.83 inHg
TITLE OF TEST		MEASURED		ALLOWED	
Preload @ +20.0 psf		No visible damage		No visible damage	
Static Pressure Air Infiltration @ +6.24 psf		PASSED			
Fixed		<0.01 cfm/ft ²		0.06 cfm/ft ² max.	
Static Pressure Air Exfiltration @ -6.24 psf		PASSED			
Fixed		<0.01 cfm/ft ²		0.06 cfm/ft ² max.	
Static Pressure Water Resistance @ +12.0 psf		PASSED			
		No uncontrolled leakage		No uncontrolled leakage	
Dynamic Pressure Water Resistance @ +12.0 psf		PASSED			
		No uncontrolled leakage		No uncontrolled leakage	
DATE:	11/4/22	TEMP:	64°F	BP:	29.81 inHg
Uniform Load Deflection		PASSED			
@ +20.0 psf (Preload)		No visible damage		No visible damage	
@ +40.0 psf (Design Load)		See Table #1 and		See Table #1 and	
@ -20.0 psf (Preload)		Sketch #1		Sketch #1	
@ -40.0 psf (Design Load)					
DATE:	11/7/22	TEMP:	66°F	BP:	29.74 inHg
Repeat Static Pressure Air Infiltration @ +6.24 psf		PASSED			
Fixed		<0.01 cfm/ft ²		0.06 cfm/ft ² max.	
Repeat Static Pressure Air Exfiltration @ -6.24 psf		PASSED			
Fixed		<0.01 cfm/ft ²		0.06 cfm/ft ² max.	
Repeat Static Pressure Water Resistance @ +12.0 psf		PASSED			
		No uncontrolled leakage		No uncontrolled leakage	
Dynamic Pressure Water Resistance @ +12.0 psf		PASSED			
		No uncontrolled leakage		No uncontrolled leakage	



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FINAL TEST RESULTS (Continued)

DATE:	11/7/22	TEMP:	66°F	BP:	29.74 inHg
TITLE OF TEST		MEASURED		ALLOWED	
Uniform Structural Overloads		PASSED			
@ +30.0 psf (Preload)		No visible damage See Table #2 and Sketch #1		No structural failure See Table #2 and Sketch #1	
@ +60.0 psf (Overload)					
@ -30.0 psf (Preload)					
@ -60.0 psf (Overload)					

SECTION 6

CONCLUSION

The mock-up met the specified performance requirements.

Regarding the glass tested, no conclusions of any kind regarding the adequacy or inadequacy of the glass in the test specimen are to be drawn from the test. Tape or film, or both, were used to seal against air leakage; this did not influence the results of the testing.

