



CLIENT: Amico
3245 Fayette Avenue
Birmingham, AL

Project No: 21-1164

Report Date: December 8, 2021

SAMPLE ID: Series: AMICO Speed Bead Product

SAMPLE DESCRIPTION: 1'-6 5/8" (18 5/8") by 3'-0" (36") high

SAMPLING DETAIL: The test sample manufactured by Amico was submitted directly to QAI by the client. Samples were not independently selected for testing.

DATE OF RECEIPT: Samples were received at the QAI Miami Laboratory on August 20, 2021.

TESTING PERIOD: December 2, 2021 to December 6, 2021

TESTING LOCATION: QAI Laboratories – Miami, Florida, USA

AUTHORIZATION: Proposal 21RT081301, signed by Gary Baltz, dated August 13, 2021.

TEST PROCEDURE: Testing to the following requirements:

- ASTM E330/E330M-14 Standard Test Method for Structural Performance of Exterior Window, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
- ASTM E331-00(reapproved 2016) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
- ASTM E283-04 (reapproved 2012) Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences cross the Specimen

TEST RESULTS: The amico speed bead product achieved passing results found on pages 3-4 of this test report when tested in accordance with the ASTM E330/E330M, ASTM E331 and ASTM E283.

CONTENTS: Test report pages 1 through 5.

Prepared By

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Signed for and on behalf of
QAI Laboratory
Jose Sanchez

Jose Sanchez
Operation Manager

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DESCRIPTION OF SAMPLE	
Model Designation:	Series: AMICO Speed Bead Product
Overall Size:	1'-6 5/8" (18 5/8") by 3'-0" (36") high
Configuration:	O/X
Number of Vents:	One
Sample A-1	

Additional Information
The sample was tested using a speed bead that was installed per the manufacture recommended installation procedures.
Reference attached manufacture installation procedures for additional information.

Sample: A-1	Temperature: 73.5°F	Barometric Reading: 30.0 inches Hg	
Notes:			
Title of Test	Pressure	Reading	Results
Air Infiltration Test: (ASTM E283)	1.57 psf	0.09 cfm/sq.ft	Passed

Sample: A-1	Temperature: 73.5°F	Barometric Reading: 30.0 inches Hg		
Notes:				
Title of Test	Pressure		Results	Add. Info
Water Resistance Test	6.5 psf	15 minutes	Passed	ASTM E331

Sample: A-1	Temperature: 73.5°F	Barometric Reading: 30.0 inches Hg		
Notes:				
Title of Test	Pressure		Results	Add. Info
Water Resistance Test	15.0 psf	15 minutes	Passed	ASTM E331

Sample: A-1	Temperature: 73.5°F	Barometric Reading: 30.0 inches Hg		
Title of Test		Load Test Positive Load		
Reading#	Pressure	Results	Add. Info	
1	5.0 psf	Passed		
2	15.0 psf	Passed		
3	25.0 psf	Passed		
4	35.0 psf	Passed		
5	45.0 psf	Passed		
6	55.0 psf	Passed		
7	65.0 psf	Passed		
8	75.0 psf	Passed		
9	145.0 psf	Passed		

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Sample: A-1		Temperature: 73.5°F	Barometric Reading: 30.0 inches Hg	
Title of Test		Load Test Negative Load		
Reading#	Pressure	Results	Add. Info	
1	5.0 psf	Passed		
2	15.0 psf	Passed		
3	25.0 psf	Passed		
4	35.0 psf	Passed		
5	45.0 psf	Passed		
6	55.0 psf	Passed		
7	65.0 psf	Passed		
8	75.0 psf	Passed		
9	160.0 psf	Passed		

Appendix A



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Revision	Description	Effective Date
0	Initial Release	12/8/2021
1	Corrected typographical error under sample description	12/20/2021
2	Split into two reports per client request. Updated page numbers	2/18/2022

Notes

* designates measurements by laboratory

** as per manufacturer

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Drawings referenced in this document are an integral part of this report, therefore, are required when distributing this test report. Test results obtained represent the actual value of the tested specimens and do not constitute opinion, endorsement or certification by this laboratory.

Remarks

Detailed drawings and digital video disc of testing will be retained by QAI for a period of five years from the original test date, and test report for a period of ten years. Due to the code cycle change of four years, it is recommended that this report be evaluated during the lifespan of this document.

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