

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.

Lusinda Delgado

Prepared By Signed for and on behalf of

QAI Laboratory

Jose Sanchez

Lusinda Delgado Jose Sanchez Technical Report Writer Operation Manager

THIS REPORT IS THE CONFIDENTIAL PROPERTY OF THE CLIENT ADDRESSED. THE REPORT MAY ONLY BE REPRODUCED IN FULL. PUBLICATION OF EXTRACTS FROM THIS REPORT IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM QAI. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED FOR THE INDIVIDUAL PROJECT FILE REFERENCED. THE RESULTS OF THIS REPORT PERTAIN ONLY TO THE SPECIFIC SAMPLE(S) EVALUATED. UNLESS SPECIFICALLY STATED OR IDENTIFIED OTHERWISE, QAI HAS UNTILIZED A SIMPLE ACCEPTANCE RULE TO MAKE CONFORMITY DECISIONS ON TESTING RESULTS CONTAINED IN THIS REPORT, AS APPLICABLE.





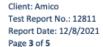
Table of Contents

Sample A-1		Page	Rev
Description of Test Sample		3	2
Additional Information		3	
Results Sample A-1			
Air Infiltration	ASTM E283	3	
Water Resistance Test	ASTM E331	3	
Water Resistance Test	ASTM E331	3	
Load Test Positive	ASTM E330	3	
Load Test Negative	ASTM E330	4	
Appendix A		4	
Revision Table		5	2
Notes Tables		5	2
Remarks Table		5	2

Technician:

Yoenis Gonzalez

THIS REPORT IS THE CONFIDENTIAL PROPERTY OF THE CLIENT ADDRESSED. THE REPORT MAY ONLY BE REPRODUCED IN FULL. PUBLICATION OF EXTRACTS FROM THIS REPORT IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM QAI. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED FOR THE INDIVIDUAL PROJECT FILE REFERENCED. THE RESULTS OF THIS REPORT PERTAIN ONLY TO THE SPECIFIC SAMPLE(S) EVALUATED. UNLESS SPECIFICALLY STATED OR IDENTIFIED OTHERWISE, QAI HAS UNTILIZED A SIMPLE ACCEPTANCE RULE TO MAKE CONFORMITY DECISIONS ON TESTING RESULTS CONTAINED IN THIS REPORT, AS APPLICABLE.





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.

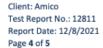
Sample: A-1	Sample: A-1 Temperature: 73.5°F		Barometric Reading: 30.0 inches Hg	
Notes:				
Title of Test Pressure		Pressure	Reading	Results
Air Infiltration	Test: (ASTM E283)	1.57 psf	0.09 cfm/sq.ft	Passed

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

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

Sample: A-1	Temperature:	73.5°F	Barometric Reading: 30.0 inches Hg
Titl	e 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	

THIS REPORT IS THE CONFIDENTIAL PROPERTY OF THE CLIENT ADDRESSED. THE REPORT MAY ONLY BE REPRODUCED IN FULL. PUBLICATION OF EXTRACTS FROM THIS REPORT IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM QAI. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED FOR THE INDIVIDUAL PROJECT FILE REFERENCED. THE RESULTS OF THIS REPORT PERTAIN ONLY TO THE SPECIFIC SAMPLE(S) EVALUATED. UNLESS SPECIFICALLY STATED OR IDENTIFIED OTHERWISE, QAI HAS UNTILIZED A SIMPLE ACCEPTANCE RULE TO MAKE CONFORMITY DECISIONS ON TESTING RESULTS CONTAINED IN THIS REPORT, AS APPLICABLE.

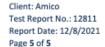




Sample: A-1	Temperature:	73.5°F	Barometric Reading: 30.0 inches Hg
Title of Test		Load Test Neg	gative Load
Reading#	Pressure	Results	Add. Info
1	5.0 psf	Passed	
2	15.0 psf	Passed	
3	25.0 psf	Passed	
4	35.0 psf	Passed	
5	45.0 psf	Passed	
6	55.0 psf	Passed	
7	65.0 psf	Passed	
8	75.0 psf	Passed	
9	160.0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



THIS REPORT IS THE CONFIDENTIAL PROPERTY OF THE CLIENT ADDRESSED. THE REPORT MAY ONLY BE REPRODUCED IN FULL. PUBLICATION OF EXTRACTS FROM THIS REPORT IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM QAI. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED FOR THE INDIVIDUAL PROJECT FILE REFERENCED. THE RESULTS OF THIS REPORT PERTAIN ONLY TO THE SPECIFIC SAMPLE(S) EVALUATED. UNLESS SPECIFICALLY STATED OR IDENTIFIED OTHERWISE, QAI HAS UNTILIZED A SIMPLE ACCEPTANCE RULE TO MAKE CONFORMITY DECISIONS ON TESTING RESULTS CONTAINED IN THIS REPORT, AS APPLICABLE.





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

QAI does not have, nor does it intend to acquire or will acquire, a financial interest in any company manufacturing or distributing products tested or labeled by QAI. QAI is not owned, operated or controlled by any company manufacturing or distributing products it tests or labels.

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.

THIS REPORT IS THE CONFIDENTIAL PROPERTY OF THE CLIENT ADDRESSED. THE REPORT MAY ONLY BE REPRODUCED IN FULL. PUBLICATION OF EXTRACTS FROM THIS REPORT IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM QAI. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED FOR THE INDIVIDUAL PROJECT FILE REFERENCED. THE RESULTS OF THIS REPORT PERTAIN ONLY TO THE SPECIFIC SAMPLE(S) EVALUATED. UNLESS SPECIFICALLY STATED OR IDENTIFIED OTHERWISE, QAI HAS UNTILIZED A SIMPLE ACCEPTANCE RULE TO MAKE CONFORMITY DECISIONS ON TESTING RESULTS CONTAINED IN THIS REPORT. AS APPLICABLE.