

ASSOCIATED LABORATORIES, INC.

Consultants and Technologists / Quality Control Engineers / Consumer Certification Programs
1323 Wall Street, P.O. Box 152837, Dallas, Texas 75315 • (214) 565-0593

Aluplast
Auf der Breit 2
D-76227 Karlsruhe – Germany

Date: October 4, 2012

Attn: Tim Pöpperling

Report No.: 99915-B

12 MONTH PVC WEATHERABILITY REPORT

The PVC profiles listed below have been tested to determine compliance with the weathering requirements of AAMA 303-08 "Voluntary Specification for Poly Vinyl Chloride (PVC) Exterior Profiles". All profiles have been weathered in accordance with ASTM D 4726 at New River, Arizona; Miami, Florida; and Medina, Ohio.

Profiles Weathered:

149007 White
149020 White
049007 Golden Oak LAM

Dates Weathered:

Arizona: 8-10-11 to 8-10-12
Ohio: 8-22-11 to 8-22-12
Florida: 8-09-11 to 8-03-12

*

*

*

149007 WHITE

COLOR CHANGE

	<u>ARIZONA</u>			<u>OHIO</u>			<u>FLORIDA</u>		
	<u>L</u>	<u>a</u>	<u>b</u>	<u>L</u>	<u>a</u>	<u>b</u>	<u>L</u>	<u>a</u>	<u>b</u>
- Initial Value	92.15	-1.04	2.80	92.15	-1.04	2.80	92.19	-1.06	2.89
- 6 months	92.32	-0.91	1.78	90.78	-1.05	2.84	92.97	-0.78	1.56
- 1 year	91.87	-1.61	4.37	92.52	-0.84	1.47	92.42	-0.83	1.68
- 2 years	-	-	-	-	-	-	-	-	-

IMPACT RESISTANCE (in.-lb/mil)

	<u>ARIZONA</u>	<u>OHIO</u>	<u>FLORIDA</u>
- Initial	>2.9	>2.9	>2.9
- 6 months	>2.9	>2.9	>2.9
- 1 year	>2.9	>2.9	>2.9

149020 WHITE

COLOR CHANGE

	<u>ARIZONA</u>			<u>OHIO</u>			<u>FLORIDA</u>		
	<u>L</u>	<u>a</u>	<u>b</u>	<u>L</u>	<u>a</u>	<u>b</u>	<u>L</u>	<u>a</u>	<u>b</u>
- Initial Value	92.05	-1.06	2.99	92.05	-1.06	2.99	92.11	-1.08	2.98
- 6 months	92.20	-0.87	1.70	90.09	-0.66	2.05	93.12	-0.79	1.54
- 1 year	91.87	-1.58	4.31	91.55	-0.89	2.26	92.45	-0.81	1.70
- 2 years	-	-	-	-	-	-	-	-	-

IMPACT RESISTANCE (in.-lb/mil)

	<u>ARIZONA</u>	<u>OHIO</u>	<u>FLORIDA</u>
- Initial	>3.0	>3.0	>3.0
- 6 months	>3.0	>3.0	>3.0
- 1 year	>3.0	>3.0	>3.0

049007 GOLDEN OAK LAM *

COLOR CHANGE

	<u>ARIZONA</u>			<u>OHIO</u>			<u>FLORIDA</u>		
	<u>L</u>	<u>a</u>	<u>b</u>	<u>L</u>	<u>a</u>	<u>b</u>	<u>L</u>	<u>a</u>	<u>b</u>
- Initial Value	32.80	8.45	10.69	32.80	8.45	10.69	34.54	8.73	12.00
- 6 months	31.06	9.01	12.14	35.68	9.40	15.03	34.07	9.83	14.23
Visual	Pass			Pass			Pass		
- 1 year	30.30	9.87	13.20	32.55	9.60	13.72	32.98	9.97	14.15
Visual	Pass			Pass			Pass		
- 2 years	-	-	-	-	-	-	-	-	-
Visual	-			-			-		

* Material is multi-grain wood coloration. Due to variability of hue and color, only visual rating is given for this sample. Color readings are reported for informational purposes only.

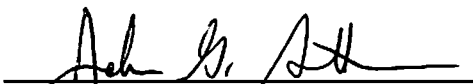
IMPACT RESISTANCE (in. -lb/mil)

	<u>ARIZONA</u>	<u>OHIO</u>	<u>FLORIDA</u>
- Initial	>2.6	>2.6	>2.6
- 6 months	>2.6	>2.6	>2.6
- 1 year	>2.6	>2.6	>2.6

RESULTS

The above results indicate compliance with the 12 month weatherability requirements set forth in AAMA 303-08.

ASSOCIATED LABORATORIES, INC.



 John G. Smith, President

JGS/js

Associated Laboratories, Inc.

Associated Laboratories, Inc.
 P.O. Box 152837
 Dallas, TX 75315

(214)565-0593
 sue@assoc-labs.com

Invoice

Date	Invoice #
10/05/2012	118384
Terms	Due Date
Net 30	11/04/2012

Bill To

Aluplast GmbH
 Attn: Tim Pöpperling
 Auf der Breit 2
 D-76227 Karlsruhe Germany

Ship To

Aluplast GmbH
 Auf der Breit 2
 D-76227 Karlsruhe Germany

Amount Due	Enclosed
\$357.91	

x Please detach top portion and return with your payment. x

Ship Via	Sales Rep	W.O. Number
E-Mail	John Smith	99915

Service	Activity	Quantity	Rate	Amount
TWELVE MONTH	• PVC PROFILES WERE TESTED TO DETERMINE COMPLIANCE WITH THE TWELVE MONTH WEATHERING REQUIREMENTS OF AAMA 303-08 (ATTACHED REPORT # 99915-B)	1	327.91	327.91
Wire Transfer Fee	• Wire Transfer Fee	1	30.00	30.00
	• WIRE TRANSFER INFORMATION			
	Bank Name: Bank of America			
	Bank Routing Number: 111000025			
	Bank Account Number: 488018882227			
	Swift Account Number: BOFAUS3N			

Total	\$357.91
--------------	-----------------

****Thank you for your business!****

****All funds must be in US Dollars.***