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Date: August 16, 2021

Attn: Inga Valainytė

Report No.: 52134-C

24 MONTH PVC WEATHERABILITY REPORT

The PVC profiles listed below have been tested to determine compliance with the weathering requirements of AAMA 303-18 "Voluntary Specification for Rigid 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:

550507 White
809507 White
800188 Black Lam/White
809588R Black Lam/White

Dates Weathered:

Arizona: 6-14-19 to 6-18-21
Ohio: 6-19-19 to 6-19-21
Florida: 6-7-19 to 6-7-21

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550507 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	93.53	-0.81	2.59	93.53	-0.81	2.59	93.71	-0.77	2.72
- 6 months	93.70	-0.92	2.42	93.31	-0.69	2.14	93.29	-0.72	2.56
- 1 year	92.12	-0.78	3.96	93.45	-0.85	2.87	93.89	-0.67	2.06
- 2 years	93.26	-1.25	4.25	93.56	-0.76	2.59	93.71	-0.72	2.28

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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

809507 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	93.67	-0.83	2.80	93.67	-0.83	2.80	93.33	-0.78	2.95
- 6 months	92.58	-0.87	2.32	93.36	-0.65	2.06	93.25	-0.67	2.56
- 1 year	93.70	-0.94	2.75	93.60	-0.85	2.74	93.88	-0.67	2.06
- 2 years	93.39	-1.12	3.84	93.51	-0.71	2.36	93.65	-0.72	2.32

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

800188 BLACK LAM/WHITE

COLOR CHANGE

	<u>ARIZONA</u>				<u>OHIO</u>				<u>FLORIDA</u>			
	<u>L</u>	<u>a</u>	<u>b</u>	<u>ΔE</u>	<u>L</u>	<u>a</u>	<u>b</u>	<u>ΔE</u>	<u>L</u>	<u>a</u>	<u>b</u>	<u>ΔE</u>
- Initial Value	20.38	0.54	-0.67		23.38	0.54	-0.67		20.47	0.48	-0.73	
- 6 months	19.99	0.50	-0.89	(1.58)	20.70	0.49	-0.86	(0.38)	20.30	0.47	-0.75	(0.17)
- 1 year	20.69	0.47	-1.12	(0.55)	21.07	0.45	-1.26	(0.91)	20.13	0.51	-0.73	(0.34)
- 2 years	20.21	0.46	-0.93	(0.32)	20.88	0.46	-0.99	(0.60)	20.05	0.52	-0.71	(0.42)

IMPACT RESISTANCE (in.-lb/mil)

	<u>ARIZONA</u>	<u>OHIO</u>	<u>FLORIDA</u>
- Initial	>2.7	>2.7	>2.7
- 6 months	>2.7	>2.7	>2.7
- 1 year	>2.7	>2.7	>2.7

809588R BLACK LAM/WHITE

COLOR CHANGE

	<u>ARIZONA</u>				<u>OHIO</u>				<u>FLORIDA</u>			
	<u>L</u>	<u>a</u>	<u>b</u>	<u>ΔE</u>	<u>L</u>	<u>a</u>	<u>b</u>	<u>ΔE</u>	<u>L</u>	<u>a</u>	<u>b</u>	<u>ΔE</u>
- Initial Value	20.46	0.59	-0.66		20.46	0.59	-0.66		20.42	0.45	-0.71	
- 6 months	20.22	0.54	-0.86	(0.32)	20.32	0.53	-0.89	(0.28)	20.19	0.48	-0.76	(0.24)
- 1 year	20.30	0.47	-0.86	(0.28)	20.41	0.52	-0.99	(0.34)	20.23	0.53	-0.74	(0.21)
- 2 years	20.77	-0.44	-0.89	(0.41)	20.63	-0.47	-0.85	(0.28)	20.08	0.49	-0.71	(0.34)

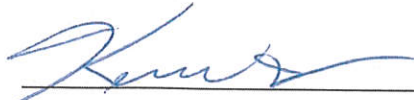
IMPACT RESISTANCE (in.-lb/mil)

	<u>ARIZONA</u>	<u>OHIO</u>	<u>FLORIDA</u>
- Initial	>2.7	>2.7	>2.7
- 6 months	>2.7	>2.7	>2.7
- 1 year	>2.7	>2.7	>2.7

RESULTS

The above results indicate compliance with the 24 month weatherability requirements set forth in AAMA 303-18.

DALLAS LABORATORIES, INC.



 Kevan W. Jones, Vice-President