



REPLY TO: EAST WALPOLE, MA 02032
TEL: 617-668-2500

September 15, 1982

Mr. Al Stoloff
M & T Chemicals
P. O. Box 1104
Rahway, NJ 07065

Dear Al:

Attached is a chart which summarizes the color change values of selected commercial vinyl siding resulting from 45° south exposure for 18 months at Norwood, Massachusetts and Shreveport, Louisiana. The 24 month data should be available by the end of December.

Should you have any questions, please do not hesitate to give me a call.

Sincerely,

Daniel A. Silva
Chemist

DAS/rp
Attach.

cc: J. E. Arnold

CORPORATE HEADQUARTERS: EAST WALPOLE, MA • BRANCH OFFICES AND PLANTS: MARTINEZ, CA
• SAN MATEO, CA • WILMINGTON, CA • CHICAGO, IL • BARDSTOWN, KY • SHREVEPORT, LA • NORWOOD, MA •
PERTH AMBOY, NJ • FRANKLIN, OH • PORTLAND, OR • CHARLESTON, SC

BIRD 014290

COLOR CHANGE VALUES FOR COMMERCIAL VINYL SIDING
45° South Exposure

Reference	18 months						
	Norwood			Shreveport			
	L*	a*	b*	L*	a*	b*	E*
White	443-1	0.07	-0.09	-0.02	-0.02	0.76	0.81
	448-1	-1.07	0.13	-0.35	0.08	0.19	1.11
	449-1	-0.30	0.58	-0.09	0.50	0.36	0.66
	456-1	-0.64	0.45	-0.77	0.53	-0.91	1.07
	462-1	-1.04	0.37	-1.43	0.28	-0.59	1.28
	463-1	-1.78	0.63	-1.79	0.47	-0.59	1.37
	472-1	-2.28	0.70	-1.28	0.31	0.58	1.01
	478-1	0.15	0.43	-1.41	0.43	-0.94	1.09
	479-1	-1.64	0.25	0.70	0.37	1.13	1.46
	480-1	-1.75	0.60	-1.06	0.21	0.89	1.06
	481-1	-0.69	0.35	0.21	0.45	1.35	1.62
	482-1	-0.33	0.01	0.52	0.06	1.37	1.39
	490-1	0.46	0.35	0.16	0.40	1.35	1.42
	491-1	-0.37	0.72	-0.18	0.55	0.96	1.12
	497-1	0.63	0.30	0.81	0.49	1.09	1.35
Yellow	444-1	-0.87	1.49	-3.01	1.67	-3.39	3.81
	450-1	-0.45	1.55	-3.14	1.96	-3.48	4.13
	457-1	-1.37	1.49	-3.34	1.86	-3.54	4.23
	464-1	0.10	0.67	-5.12	1.55	-6.78	7.05
	475-1	-1.33	0.96	-1.77	1.43	-2.09	2.91
	483-1	-0.32	1.12	-1.69	1.78	-1.99	2.83
	492-1	-0.02	0.96	-0.78	1.19	-0.30	1.24
	445-1	-0.09	0.67	-1.34	0.92	-1.94	2.55
Green	451-1	1.07	2.57	-1.98	3.20	-1.78	4.12
	458-1	0.92	2.20	-2.15	2.81	-1.95	3.58
	465-1	2.42	3.35	-3.47	4.22	-3.28	6.16
	474-1	0.93	2.43	-2.95	3.67	-3.15	5.27
	484-1	1.26	2.82	-2.64	3.54	-2.60	4.79

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COLOR CHANGE VALUES FOR COMMERCIAL VINYL SIDING
45° South Exposure

Reference	18 months									
	Norwood					Shreveport				
	L*	a*	b*	E*	L*	a*	b*	E*	L*	E*
Beige	446-1	-0.49	0.43	-1.02	1.21	0.11	0.51	-0.99	1.12	
	452-1	0.74	0.67	-2.17	2.39	1.71	0.82	-2.35	3.02	
	459-1	1.43	-0.05	-1.50	2.07	2.34	-0.17	-1.68	2.88	
	466-1	0.89	0.33	-2.74	2.90	1.63	0.43	-3.73	4.09	
	473-1	1.56	-0.02	-3.80	4.11	1.75	0.05	-3.41	3.83	
	486-1	-0.46	0.73	-2.52	2.76	-0.53	1.02	-2.69	2.93	
Gold	494-1	2.62	-0.46	-2.53	3.67	2.88	-0.45	-2.14	3.62	
	447-1	0.16	0.73	-2.70	2.80	0.50	0.89	-3.43	3.58	
	455-1	0.74	1.13	-4.32	4.52	1.58	1.35	-5.06	5.47	
	469-1	1.10	0.46	-6.58	6.69	1.50	1.05	-10.57	10.73	
	477-1	-0.26	0.64	-3.49	3.56	-0.28	0.96	-5.10	5.20	
	488-1	0.59	0.97	-6.29	6.39	0.82	1.37	-7.93	8.09	
Ivory	495-1	0.95	1.01	-5.67	5.84	1.15	1.43	-7.87	8.08	
	460-1	-0.86	0.18	-0.33	0.94	-0.98	0.40	-0.53	1.18	
Gray	467-1	0.15	0.68	-2.81	2.90	-0.30	0.98	-2.64	2.83	
	454-1	0.66	0.80	-1.50	1.82	2.37	0.75	-0.86	2.63	
	468-1	2.31	0.27	0.25	2.34	2.00	0.38	1.04	2.28	
	476-1	0.94	0.46	-0.66	1.24	2.02	0.40	0.38	2.09	
	487-1	1.06	0.13	0.37	1.13	3.02	0.12	1.04	3.19	
Blue	470-1	1.98	1.50	3.99	4.70	2.72	2.21	6.46	7.35	
	471-1	3.75	1.18	0.73	3.99	7.71	2.70	2.34	8.50	
	489-1	4.19	-0.12	0.35	4.21	7.80	-0.39	0.82	7.85	
	496-1	6.06	2.12	0.54	6.44	9.22	3.23	1.89	9.95	
Avocado	485-1	1.07	1.43	-3.52	3.95	2.08	2.27	-4.83	5.73	
	493-1	3.46	2.77	-7.13	7.65	1.59	3.07	-6.74	7.40	

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