

PLAINTIFF'S EXHIBIT

BIR-1046

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

July 2, 1982

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

Dear Al:

Attached is the data for 18 months weathering on standard Bird & Son colors. Unfortunately, our two year weathering data will not be available until November.

Please note that we are showing data from two locations, our test decks in Norwood, Massachusetts and Shreveport, Louisiana for all the samples. Sorry that this is late.

Sincerely,

James W. Jackson
R & D Manager - Roofing

JWJ/rp
Attach.

cc: J. Arnold
D. Silva

BIRD & SON 1980 NATURAL WEATHERING

BIRD & SON, INC.	Site	Months	Date	L*	a*	b*	D-L*	D-A*	D-B*	D-C*	D-E*
White	AA	0	0/80	92.36	- 0.83	-1.25					
	FB	6	4/81	92.42	- 0.36	-1.84	0.06	0.47	-0.59	0.75	0.76
	FB	12	10/81	92.40	- 0.24	-1.24	0.04	0.59	0.01	0.59	0.59
	FB	18	4/82	92.06	- 0.25	-1.34	-0.30	0.58	-0.09	0.59	0.66
	FS	6	5/81	92.08	- 0.37	-0.56	-0.28	0.46	0.69	0.83	0.88
	FS	12	11/81	92.76	- 0.21	-1.08	0.40	0.62	0.17	0.65	0.76
	FS	18	5/82	92.61	- 0.33	-0.89	0.25	0.50	0.36	0.61	0.66
Yellow	AA	0	0/80	92.18	- 8.22	21.37					
	FB	6	4/81	92.08	- 8.09	21.28	-0.10	0.13	-0.09	0.16	0.19
	FB	12	10/81	90.65	- 6.96	18.79	-1.53	1.26	-2.58	2.87	3.25
	FB	18	4/82	91.73	- 6.67	18.23	-0.45	1.55	-3.14	3.50	3.53
	FS	6	5/81	91.66	- 7.57	20.21	-0.52	0.65	-1.16	1.33	1.43
	FS	12	11/81	92.44	- 6.72	18.49	-0.26	1.50	-2.88	3.25	3.26
	FS	18	5/82	91.11	- 6.26	17.89	-1.07	1.96	-3.48	3.99	4.13
Green	AA	0	0/80	79.55	-11.61	8.74					
	FB	6	4/81	79.50	-11.24	8.74	-0.05	0.37	0.00	0.37	0.37
	FB	12	10/81	80.46	- 9.60	7.45	0.91	2.01	-1.29	2.39	2.56
	FB	18	4/82	80.62	- 9.04	6.76	1.07	2.57	-1.98	3.24	3.42
	FS	6	5/81	79.91	-10.43	8.57	0.36	1.18	-0.17	1.19	1.25
	FS	12	11/81	82.09	- 8.83	7.47	2.54	2.78	-1.27	3.06	3.97
	FS	18	5/82	81.44	- 8.41	6.96	1.89	3.20	-1.78	3.66	4.12
Beige	AA	0	0/80	75.55	- 2.85	14.40					
	FB	6	4/81	75.18	- 2.72	14.44	-0.37	0.13	0.04	0.14	0.39
	FB	12	10/81	75.98	- 2.23	12.92	0.43	0.62	-1.48	1.60	1.66
	FB	18	4/82	76.29	- 2.18	12.23	0.74	0.67	-2.17	2.27	2.39
	FS	6	5/81	75.64	- 2.58	14.08	0.09	0.27	-0.32	0.42	0.43
	FS	12	11/81	77.58	- 2.16	12.77	2.03	0.69	-1.63	1.77	2.70
	FS	18	5/82	77.26	- 2.03	12.05	1.71	0.82	-2.35	2.49	3.02

NOTE: FB - Norwood
FS - Shreveport
AA - Initial

BIRD 014255

NO. 37.304. DATA SHEET. ONE YEAR BY MONTHS. (WITHOUT NAMES OF MONTHS) codex GRAPH PAPER® IN STOCK DIRECT FROM CODEX BOOK CO., NORWOOD, MASS. 02062 PRINTED IN U.S.A.

BIRD & SON 1980 NATURAL WEATHERING

BIRD & SON, INC.	Site	Months	Date	L*	a*	b*	D-L*	D-A*	D-B*	D-C*	D-E*
Ivory	AA	0	0/80	91.06	- 0.77	18.13					
	FB	6	7/81	91.00	- 0.93	18.08	-0.06	-0.16	-0.05	0.17	0.18
	FB	12	1/82	91.24	- 0.62	16.90	0.18	0.15	-1.23	1.24	1.25
	FS	6	10/81	90.61	- 0.40	16.88	-0.45	0.37	-1.25	1.30	1.38
	FS	12	4/82	90.54	- 0.23	16.44	-0.52	0.54	-1.69	1.77	1.85
Gray	AA	0	0/80	72.17	- 1.81	1.12					
	FB	6	4/81	71.89	- 1.61	0.72	-0.28	0.20	-0.40	0.45	0.53
	FB	12	10/81	72.03	- 0.91	-0.16	-0.14	0.90	-1.28	1.56	1.57
	FB	18	4/82	72.83	- 1.01	-0.38	0.66	0.80	-1.50	1.70	1.82
	FS	6	5/81	72.21	- 0.99	0.00	0.04	0.82	-1.12	1.39	1.39
	FS	12	11/81	75.17	- 1.32	1.52	3.00	0.49	0.40	0.63	3.07
	FS	18	5/82	74.54	- 1.06	0.26	2.37	0.75	-0.86	1.14	2.63
Gold	AA	0	0/80	77.87	- 4.62	25.94					
	FB	6	4/81	77.55	- 4.27	25.74	-0.32	0.35	-0.20	0.40	0.51
	FB	12	10/81	77.99	- 3.56	22.21	0.12	1.06	-3.73	3.88	3.88
	FB	18	4/82	78.61	- 3.49	21.62	0.74	1.13	-4.32	4.47	4.52
	FS	6	5/81	77.95	- 4.26	24.83	0.08	0.36	-1.11	1.17	1.17
	FS	12	11/81	80.21	- 3.40	21.13	2.34	1.22	-4.81	4.96	5.49
	FS	18	5/82	79.45	- 3.27	20.88	1.58	1.35	-5.06	5.24	5.47

NOTE: FB - Norwood
FS - Shreveport
AA - Initial

BIRD 014256

M&T CHEMICALS INC.
RESEARCH LABORATORY
P.O. BOX 1104, RAHWAY NEW JERSEY 07065

June 23, 1982

Mr. James Jackson
Bird & Son Incorporated
Washington Street
East Walpole, MA 02032

Dear Jim,

At the VSI Weatherability meeting - March, 1982, we agreed that siding producers would forward two (2) year weathering data on standard colors to the chairman of the committee for comparison with visual rating of color tolerance sets. The data should list the exposure site and how it was exposed. We would be particularly interested in data on the same siding from more than one (1) exposure site. The data will be summarized and presented so that none of the data will be specific to any supplier.

I have received data from some of the suppliers, but have not yet received yours. I would appreciate it if you would tabulate the data and send it to me.

Very truly yours,

A. Stoloff, Chairman
Weatherability Committee - VSI

AS:lem