

cc: Mr. McClung
Mr. Dick Maloof
Mr. J. Jackson
Mr. B. Carlson ✓



PLAINTIFF'S EXHIBIT

BIR-320

Memo To:

From: P. O. Ladner

Subject: LIGHT WEIGHT ARCHITECT 80 NO. 2 COMPONENTS

Date: 12/14/84

On December 7, 1984 we ran 4 rolls of 1.85# glass mat on FS-10. This was made into No. 2 Components. The weight was reduced to approximately 86.0#/100 sq. ft. Runnability on FS-10 was good and no immediate problem was observed.

On December 11 and December 12 we ran the same material on FS-20. The material combined well and no immediate handling problems were observed.

The Lab checked several square foot samples on these glass rolls and the weight was approximately the same as the regular 2.0# material, weighing from 1.90 to 2.0. If Management wants to run a 280# shingle this could be achieved by reducing the coating rather than running the weight of the mat down to the bare minimum.

POL
POL/ae

BIRD 011169

12-12-84

Firescreen Job #1

PAGE 06 JOB CODE SETUP FSPM-10 12/03/84,16:00

JOB CODE EXAMINE 01	CONVERSION FACTOR 02.97
TARGET 070.2 lb/unit	ROLL 0 or BUNDLE 1
MATL 1	SLOW SENSITIVITY 7.50 secs/unit
MAX 072.0 lb/unit	DEADZONE 0.3
MIN 068.0 lb/unit	AUTO ALARM LIMITS - 10.0 %
SCAN LIMITS:	+ 10.0 %
- 22.0 in	FAST SENSITIVITY 1.5 sec/ 049.9 fpm
+ 22.0 in	LINESPEED DEADZONE 049.9 fpm
ALARM LIMITS:	POLARITY 0
upper 15.0 %	
lower 15.0 %	
JOB CODE ASSIGN 01	

COATER - READY

TRIAL RUN 78-6

MARK 25 SABLE BLACK RUN AT FJ

DRY FELT PROPERTIES BY LANE

Identification	A.D. Wt. 2 #/830 Ft.	O.D. Wt. 2 #/830 Ft.	Caliper, In. /Vg.	2. Moisture %	O.D. Density #/Ft. 3	Tensile, #/In. MP/CD	Porosity, SEC/400CC Air	K ^a	Xylene, SEC	pH (Hot Water Extr.)	Total Acidity (2.50)	Mill Data
Phillipdale #3												
Start	59.9	55.2	.066	7.7	20.9	44.4/22.1	72	186	21.0	6.1	.0736	Tour 1 Reel - 8/25/78
1	57.9	53.2	.065	8.1	20.5	45.0/22.3	72	185	23.5	6.1	.0736	Q.D. 54.6, 53.4, 53.8
2	58.8	54.3	.065	7.8	21.9	44.6/23.8	75	186	23.0	6.1	.0736	M# 182 X-24
3	58.4	54.0	.065	7.6	20.8	43.3/22.2	72	186	23.0	6.1	.0736	Hullen 38
4												
End												
1	57.3	53.6	.063	6.5	21.3	44.4/23.4	72	185	21.0	6.1	.0736	
2	58.6	54.8	.065	6.5	21.1	47.0/22.2	74	185	23.0	6.1	.0736	
3	58.0	54.3	.064	6.4	21.2	47.6/23.6	70	185	21.0	6.1	.0736	
4	57.9	54.1	.065	6.5	20.8	46.1/22.7	72	187	22.0	6.1	.0736	
GAF												
Start	56.4	52.3	.059	7.2	22.2	31.1/15.4	58	181	20.0	5.9	.0888	Roll No. 1240-4689
1	54.7	50.9	.057	7.0	22.3	33.3/15.7	62	180	19.5	5.9	.0888	Mols. 5.2 Xylol 20
2	60.1	55.9	.060	7.0	23.3	35.3/17.5	63	164	21.0	5.9	.0888	K# 177 9/15/75
3	55.3	51.4	.056	7.1	22.9	33.9/16.2	62	178	20.0	5.9	.0888	Tour 3-11
4												Mech. Tender B.L.
End												
1	55.7	52.5	.060	5.8	21.9	32.2/15.3	52	190	19.0	5.9	.0888	
2	55.3	52.1	.059	5.9	22.1	32.0/16.0	56	187	18.5	5.9	.0888	
3	58.3	54.8	.061	6.0	22.5	32.0/17.3	58	182	18.5	5.9	.0888	
4	54.6	51.1	.057	6.4	22.6	34.6/16.5	58	181	18.5	5.9	.0888	
Chrevoport												
Start	62.0	57.6	.063	7.1	22.9	41.2/20.7	120	162	28.0	6.0	.0526	1-8-10-78
1	58.0	54.6	.060	6.8	22.7	44.2/20.4	112	164	27.0	6.0	.0526	R-7A
2	59.6	55.5	.062	6.9	22.4	42.7/20.4	110	176	25.0	6.0	.0526	M-564
3	59.9	55.6	.061	7.1	22.8	45.4/17.9	101	168	25.0	6.0	.0526	K#-183
4												S-40
End												X-22
1	60.6	57.0	.064	6.1	22.3	41.9/21.5	106	174	25.0	6.0	.0526	
2	59.2	55.6	.062	6.1	22.4	42.6/20.5	111	168	26.0	6.0	.0526	
3	58.1	54.5	.061	6.1	22.3	43.3/19.1	113	173	25.0	6.0	.0526	
4	61.4	57.5	.064	6.3	22.5	42.7/18.7	107	174	24.0	6.0	.0526	