filed 1/27/84

PLAINTIFF'S EXHIBIT
BIR-995

Bird

lemoTo:	Distribution	From:	C. Meears - BBQ
ıbject:	STANDARD CARDS	Date:	January 26, 1984

Attached are the new cards on Heavy Duty Asphalt Felt - 216 sq. ft./roll for Shreveport, issued 1/1/84.

I have the necessary cards for our files.

/cm
Attach.

Distribution: Mr. Hollinghurst - RGA
Mr. Maloof - BBP
Mr. Wood - BBP

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA. MACHINE # 3 ISSUED DATE 1/1/84

REV:

PRODUCT CODE 07-07-000 PRODUCT NAME HEAVY DUTY ASPHALT FELT - 216 SQ. FT./ROLL

SUPERSEDES:

DESCRIPTION: Material run on FSPM-3

CODE	RAW MATERIAL DESCRIPTION	MATERIALS PER ROLL NET WEIGHT	MATERIALS PER ROLL GROSS WEIGHT	NET PER 100 Sq. Feet
	Materials Per 216 sq. ft.			
6001045	Felt - 45# X 36"	20.0	22.3	9.3
15375	Saturation - #11 Flux - 145%	28.9	29.8	13.4
	Weight per 216 sq. ft.	48.9		
	Finishing Materials	.1		
	Shipping Weight	49.0		

Variation in Shipping Wt. - Min.-42.0# Max.-52.0#

Aluminum Guide Lines - 2", 17", 19", 34" from each side. Lines applied on Dry Felt DSPM .2

Length of Rolls - 72'-0". No extra allowance for two piece rolls. All two piece rolls must bear label stating that roll is two pieces.

FINISHING MATERIALS: 1 pc. 6" X 38" Kraft Strip with green printing.

H.B. FULLER N.L. 3885 - .03#

Wt. of Sheet per 100 Sq. Ft. - 22.7# Min.

RCD Operating Speed 430 Rolls/Hour Production Crew Size 6 Unit ROLL

Colors:

BIRD 014522

Bird

Memo To:	P. Ladner - PSL	From:	C. Meears - BBH
Subject:	STANDARD CARDS	Date:	January 26, 1984

Enclosed you will find the new cards that you requested. I have taken out the cards that we need for internal distribution.

/cm

Encs.

PRODUCT SPECIFICATIONS

ISSUED DATE: ~~4/24/85~~ 1/1/84

DIVISION SHREVEPORT, LA. MACHINE # 3 REV: ~~A~~

PRODUCT CODE ~~07-02-016~~ 07-07-000 PRODUCT NAME: ~~[redacted]~~ HEAVY DUTY ASPHALT FELT - 216 SQ. FT./ROLL

SUPERSEDES: ~~1/1/85~~

DESCRIPTION: Material run on FSPM-3

CODE	RAW MATERIAL DESCRIPTION	MATERIALS PER ROLL NET WEIGHT	MATERIALS PER ROLL GROSS WEIGHT	NET PER 100 Sq. Feet
	Materials Per 216 sq. ft.			
~~28~~ 6 001045	Felt - ~~58# x 36"~~ 45# x 36"	~~23#~~ 20.0	~~25.2~~ 22.3	~~10.8~~ 9.3
15375	Saturation - #11 Flux - ~~145%~~ 145%	~~36.5~~ 28.9	~~37.6~~ 29.8	~~16.9~~ 13.4
	Weight per 216 sq. ft.	~~58.9~~ 48.9		
	Finishing Materials	.1		
	Shipping Weight	42.0#	~~60.03~~ 49.0	
	Variation in Shipping Wt. - Min. - ~~56.0#~~ Max. - ~~64.0#~~ 52.0#			
	Aluminum Guide Lines - 2", 17", 19", 34" from each side. Lines applied on Dry Felt DSPM-~~#~~ 2			
	Length of Rolls - 72'-0". No extra allowance for two piece rolls. All two piece rolls must bear label stating that roll is two pieces.			

FINISHING MATERIALS: 1 pc. 6" x 38" Kraft Strip with green printing.

H.B. FULLER N.L. 3885
~~Starch Paste~~ - .03# 22.7#
Wt. of Sheet per 100 Sq. Ft. - ~~26.0~~# Min.

RCD Operating Speed ~~450~~ 430 Rolls/Hour Production Crew Size ~~7~~ 6 Unit ROLL

Colors:

BIRD 014524

Bird → BBH

Distribution:
Mr. Hollinghurst - RGA
Mr. Maloof - BBP
Mr. Wood - BBP

Memo To: Distribution From: C. Meears - BBQ

Subject: STANDARD CARDS Date: January 4, 1984

Attached are the revised standard cards for your files. Please destroy the outdated cards.

		Issue Date	Supersedes
	NORWOOD		
	Wind Seal 80 Shingles Winter Specification	9/30/83	
	9-Bf 3 Buff Granules, #9 Grading	9/17/83	4/17/73
	9 BR-10 Brown Granules, #9 Grading	9/14/83	4/17/73
	9B-1 Black Granules, #9 Grading	9/17/83	4/13/73
Br-11	FB46 Brown Granules, ~~#11~~ Grading	10/17/83	4/18/73
	9GR-6 Gray Granules, #9 Grading	9/17/83	4/17/73
	BF-4 Buff Granules, #9 Grading	9/17/83	1/1/82
	Jet 80 Shingles Winter Specification	11/1/83	3/7/83
	Mark 80 Shingles	11/1/83	3/7/83
	Fireline Shingles	11/1/83	3/7/83
Br-7	FB-41 Brown Granules, #11 Grading	4/18/73	4/1/65
B-3	FB-51 Black Granules, #11 Grading	1/1/82	New
Gr-1	FB-55 Gray Granules, #11 Grading	4/18/73	4/1/65
BF-3	FB-65 Buff Granules, #11 Grading	4/18/73	4/1/65
G-4	FB-76 Granules, #11 Grading	4/18/73	4/1/65
	9B-2 Black Granules, #9 Grading	4/18/73	4/1/65
	9G-4 Green Granules, #9 Grading	4/17/73	4/1/65
	G-5 Green Granules, #9 Grading	1/1/82	4/17/73
	9-R11 Red Granules, #9 Grading	4/17/73	10/7/64
	W-10 White Granules, #9 Grading	1/1/82	New
R-4	FB-22 Red Granules, #11 Grading	4/18/73	4/1/65
G-1	FB-37 G1 Green Granules, #11 Grading	4/19/73	3/20/64
G-5	FB-16 Green Granules, #11 Grading	4/18/73	4/1/65
B-1	FB-53 Black Granules, #11 Grading	4/18/73	4/1/65
W-10	FB-93 White Granules, #11 Grading	10/1/80	1/2/74

CHARLESTON - Glass Plant		Issue Date	Supersedes
1.85# Glass BUR Mat, 1000 Glass Squares		9/30/83	New
2.0# Glass Shingle Mat 1000 Glass Squares		9/30/83	New
2.0# Glass Type IV BUR Mat, 1000 Glass Squares		9/30/83	New
2.2# Glass Shingle Mat, 1000 Glass Squares		9/30/83	New
CHARLESTON			
UK-51 Black Granules, #11 Grading		9/14/83	6/20/83
UK-65 Buff, #11 Grading		9/14/83	5/2/83
SHREVEPORT			
#23 Wind Seal Shingles (Flat)		10/17/83	8/25/75
WILMINGTON			
Glassbilt Firescreen Shingles (No Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82
Glassbilt Firescreen Shingles (Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82
MARTINEZ			
Glassbilt Fireline (5" x 3/8" cut outs)	Revised	10/7/83 11/28/83	8/2/82
Mark 80 Shingles	Revised	10/7/83 11/28/83	8/2/82
Glassbilt Firescreen Shingles (No Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82
Glassbilt Universal Hip & Ridge Shingles (12" x 36" Shingles scored to make four units 9" x 12")		10/7/83	8/2/82
Std. Blend Formula: Saddle Tan Firescreen #11 Granules		10/11/83	New
Glassbilt Firescreen Shingles (Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82

Bird

Memo To: R. Carlson - PBL From: C. Meears - BBH

Subject: PRODUCT SPECIFICATION CARDS Date: January 3, 1984

Attached are product specification cards for your files on the following products:

	ISSUED	SUPERSEDES
Wind Seal 80 Shingles Winter Specification	9/30/83	
Coloring Department, 9-Bf 3 Buff Granules, #9 Grading	9/17/83	4/17/73
9 BR-10 Brown Granules - #9 Grading	9/14/83	4/17/73
9B-1 Black Granules - #9 Grading	9/17/83	4/13/73
FB46 Brown Granules - #11 Grading	10/17/83	4/18/73
9GR-6 Gray Granules - #9 Grading	9/17/83	4/17/73
BF-4 Buff Granules - #9 Grading	9/17/83	1/1/82
Jet 80 Shingles Winter Specification	11/1/83	3/7/83
Mark 80 Shingles	11/1/83	3/7/83
Fireline Shingles	11/1/83	3/7/83

I have retained the necessary cards for my files per Forrest Clark's instructions.

/cm
Attachments

Bird

Memo To: W. Costa - FP From: C. Meears - BBH

Subject: PRODUCT SPECIFICATION CARDS (WILMINGTON, MARTINEZ & PORTLAND) Date: January 3, 1984

Attached are product specification cards for your files on the following products:

		ISSUED	SUPERSEDES
WILMINGTON			
Glassbilt Firescreen Shingles (No Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82
Glassbilt Firescreen Shingles (Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82
MARTINEZ			
Glassbilt Fireline (5" x 3/8" cut outs	Revised	10/7/83 11/28/83	8/2/82
Mark 80 Shingles	Revised	10/7/83 11/28/83	8/2/82
Glassbilt Firescreen Shingles (No Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82
Glassbilt Universal Hip & Ridge Shingles (12" x 36" Shingles scored to make four units 9" x 12")		10/7/83	8/2/82
Std. Blend Formula: Saddle Tan Firescreen #11 Granules		10/11/83	NEW
Glassbilt Firescreen Shingles (Shadow Line) (5" x 1/4" cut outs)	Revised	10/7/83 11/28/83	8/2/82
PORTLAND — Card sent back to RSC 1/4/84 wrong info. S/B Green (not included in this group of cards)			
Dry Felt		12/8/83	

I have retained the necessary cards for my files per Forrest Clark's instructions.

/cm
Attachments

Bird

Memo To:	John Lyons - PKL	From:	C. Meears - BBH
Subject:	PRODUCT SPECIFICATION CARDS	Date:	January 3, 1984

Attached are product specification cards for your file on the following products:

K-51 Black Granules, #11 Grading, issued 9/14/83, supersedes 6/20/83

K-65 Buff, #11 Grading, issued 9/14/83, supersedes 5/2/83

I have retained the necessary cards for my files per Forrest Clark's instructions.

/cm
Attachments

Bird

Memo To:	P. Ladner - PSL	From:	C. Meears - BBH
Subject:	PRODUCT SPECIFICATION CARDS	Date:	January 3, 1984

Attached are the cards for your file on the following product:

#23 Wind Seal Shingles (Flat), issued 10/17/83, supersedes 8/25/75

I have retained the necessary cards for my files per Forrest Clark's instructions.

/cm
Attachment

PRODUCT SPECIFICATIONS

ISSUED DATE 10-17-83
REV.

DIVISION SHREVEPORT, LA. MACHINE #10

PRODUCT CODE 06-11-000 PRODUCT NAME #23 WIND SEAL SHINGLES (FLAT)

SUPERSEDES: 8-25-75

SIZE: 12" x 36", Cut-outs 5" x 1/4" Headlap - 2".
Sq. + Gross - 240.0; Net - 237.9 Shingles per Sq. - 80 Per Bdle. - 27, 27, 26, Net Wt. per Sq. 2350.
Net Wt. per Bdle. - 78.0 Wind Seal dots applied 6 3/4" from butt of shingle, minimum dots size 1" length x 3/4" width, 9 dots per shingle, maximum spacing 4" on center. Anti-Stick applied in 2" bands down center of back shingle

NOTE: This Standard for use when shingles wrapped on new automatic wrapping machine.

CODE	RAW MATERIALS PER SQ. DESCRIPTION	MATERIALS PER SQUARE NET WEIGHT	GROSS WEIGHT	NET PER 100 Sq. Feet
	BASE: 240 Sq. Ft.			
28800	Felt 55 x 48	27.0	31.1	11.3
15400	Saturation #14½ 175%	47.2	48.6	19.7
14200	Coating #21½	39.3	40.5	16.3
56200	Filler 53%	44.4	45.7	18.5
59050	Backing talc Pioneer & windsor	2.0	3.4	0.8
56406	Surfacing #11 Base Glenwood 30%	22.5	23.6	9.4
56150	Surfacing #11 Colored 70%	52.6	57.8	21.9
12150	Windseal Adhesive	0.8	-	
56675	Bradford Flakes	0.2	-	
				97.9
		236.0		
	Less cut out wt. 2.1 Sq. Ft.	2.0		
		234.0		
	FINISHING MATERIALS	1.0		
		235.0		

FINISHING MATERIALS: Variation in Shipping Wt. - Max. (27 Ct.) - 82.0#; Min. (26 Ct.) - 75.0#.
Each bundle wrapped with one Kraft wrap-around printed 80# Kraft wrapper - 35.8" repeat 42¼" width, top flap and ends glued.
Wrapper 1 color - Green on Kraft. Wrapper Wt. 1.0# per Sq. - (Glue Ends Only)- 0.015#/Sq. Adhesive - No. 3885, H. B. Fuller & Co. Top Glued with Asphalt Flux 0.1#/Sq.
Underwriters' Label - 1 - Class C Shingles Wind Resistant - 1962 Standard - Printed on as wrapper is glued.

RCD OPERATING SPEED 360 sqs/hr. PRODUCTION CREW SIZE 16 UNIT Square

COLORS: Moire Black, Weather Red, White, Wood Bld, Bark Blende, Mahogany

BIRD 014531

FM
FW
FR
FK } sent ESOE 10/17/83
need 10/24/83

10/17/83

P.L. have new cards made out for the attached in these color:

1. M80 Marbonex
2. Fineline "
3 Fineeeen " Shadow line
4 Fineeeen " no " "
5 Wilmington Fineeeen Shadow line
6 " " no " "
8 Charleston "
9 Shreveport "

BIRD 014532

Bird

lemo To:	Note Distribution	From:	Mrs. Meears - BBQ
ubject:	PRODUCT SPECIFICATION CARDS	Date:	June 8, 1983

Attached is the new card for Shreveport:

Shade Mixture #11 Granules Weather Wood
Arch 80 #1, #2 Comp., Issued 3/25/83

/cem
Attach.

Distribution: Mr. Hollinghurst - RGA
Mr. Maloof - BBP
Mr. Wood - BBP

PRODUCT SPECIFICATIONS

MACHINE #

DIVISION: SHREVEPORT, LA

PRODUCT NAME: SHADE MIXTURE #11 GRANULES WEATHER WOOD
ARCH 80 # 1 COMP

PRODUCT CODE:

ISSUED DATE: 3/25/83
REV:
SUPERSEDES:

CODE	HOPPER NO.	%	KIND OF SLATE		
	1	75%	GAF	801	ACCENT TONE
		15%	3M	76	GRAY
		10%	3M	41	BROWN
	2	60%	GAF	801	ACCENT TONE
		25%	3M	76	GRAY
		10%	3M	41	BROWN
		5%	3M	68	BUFF
	3	75%	GAF	801	ACCENT TONE
		15%	3M	76	GRAY
		10%	3M	41	BROWN
SPILLOVER	4	60%	GAF	801	ACCENT TONE
		25%	3M	76	GRAY
		10%	3M	41	BROWN
		5%	3M	68	BUFF

% SLATE PER SQ.	
GAF 801 ACCENT TONE	67.5%
3M 76 GRAY	20.0%
3M 41 BROWN	10.0%
3M 68 BUFF	2.5%

CAM SETTING
HOPPER # 1 START 220° STOPS 265°
HOPPER # 2 START 120° STOPS 210°
HOPPER # 3 START 0° STOPS 65°

RCD OPERATING SPEED: PRODUCTION CREW SIZE: UNIT:

COLORS:

BIRD 014534

Bird

Memo To: Mr. Ladner - FS

From: Mrs. Meears - BBQ

Subject: PRODUCT SPECIFICATION CARDS

Date: May 4, 1983

Attached are the cards that you requested.

Please send five sets back to me for distribution after you have checked them.

Thank you.

/cm
Attach.

PRODUCT SPECIFICATIONS

MACHINE #

DIVISION: SHREVEPORT, LA

PRODUCT CODE:

PRODUCT NAME: SHADE MIXTURE #11 GRANULES WEATHER WOOD ARCH 80 #2 COMP

ISSUED DATE: 3/25/83

REV:

SUPERSEDES:

CODE	HOPPER NO.	%	KIND OF SLATE
	4	60%	GAF 801 ACCENT TONE
		25%	3M 76 GRAY
		10%	3M 41 BROWN
		5%	3M 68 BUFF

% SLATE PER SQ.	
GAF 801 ACCENT TONE	67.5%
3M 76 GRAY	20.0%
3M 41 BROWN	10.0%
3M 68 BUFF	2.5%

CAM SETTING

HOPPER # 1 START 220° STOPS 265°

HOPPER # 2 START 120° STOPS 210°

HOPPER # 3 START 0° STOPS 65°

RCD OPERATING SPEED: PRODUCTION CREW SIZE: UNIT:

COLORS:

BIRD 014536

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA. BLENDES FOR MACHINE #10

ISSUED DATE 10-31-83
REV.

PRODUCT CODE PRODUCT NAME CYPRESSWOOD
(Arch. 80 No. 1 Comp)

SUPERSEDES: 2-25-74

CODE	HOPPER	%	SLATE
	1	35	65 Buff
		65	68 Buff
	3	25	65 Buff
		25	68 Buff
		50	41 Brown
	Spill	30	65 Buff
		45	68 Buff
		25	41 Brown

CAM Settings:

Hopper No. 1 Starts 207° Stops 260°
Hopper No. 3 Starts 0° Stops 74°

RCD Operating Speed Production Crew Size Unit

Colors:

BIRD 014537

Bird

emo To: J. Jackson - BBH

From: C. Bickum - BBH

oject: SHREVEPORT BLENDS

Date: October 25, 1983

The proposed Shreveport blends for Wood Blend and Moire were given to me by Pat Ladner on Friday. The formulas are as follows:

Wood Blend

Hopper 1

30% #65 Buff
70% #68 Buff

Hopper 3

30% #65 Buff
30% #68 Buff
40% #41 Brown

Moire

Hopper 1

40% #55 Gray
60% #54 Black

Hopper 3

100% #54 Black

The attached list contains current FS colors and reference to possible substitutions from FW and FK.

CB/cm
Attachment

FS Blend Colors and Possible Substitutions

Brown Blend	New FK Dark Brown (attached)
Wood Blend	New FK Wood Blend (attached) Proposed FS Wood Blend
Meadow Mist	*
Bark Blend	*
Dove	Modify FS (Drop #2 Band)
Moire	Proposed FS Modified Moire
Granite Gray	*
Desert Brown	*
Weather Blend	*
Acorn	FK Acorn (attached)
Mahogany	FK Mahogany (attached) Old FW Oakwood (1974 card - attached)
Beechwood	*

* No current similar blend - modified FS blend required.

PRODUCT SPECIFICATIONS

ISSUED DATE 4/23/73
REV.

DIVISION SHREVEPORT, LA.

MACHINE #

SHADE MIXTURE - #11 GRANULES

PRODUCT CODE

PRODUCT NAME GRANITE GRAY - ~~WIND SEAL JET~~ Jet 80

SUPERSEDES: 3/1/67

CODE	HOPPER NO.	%	KIND OF SLATE
	1	20	A720 White
		80	LR55 Gray
	2	10	A720 White
		35	~~LR76~~ Gray 76
		55	LR55 Gray
	3	30	A720 White
		30	~~LR76~~ Gray 76
		40	LR55 Gray
	4	Spillover	

% Slate per sq.
3M - LR76 Gray -----25.5
3M - LR55 Gray -----55.7
Ruberoid A720 White---- 18.8

Cam Setting
Hopper #1 - Starts 220°, Stops 26°
Hopper #2 - Starts 120°, Stops 21°
Hopper #3 - Starts 0°, Stops 6°

RCD Operating Speed Production Crew Size Unit

Colors:

BIRD 014540

PRODUCT SPECIFICATIONS

DIVISION: SHREVEPORT, LA

MACHINE #FS-10

ISSUED DATE: 3/7/83

REV:

PRODUCT CODE:

PRODUCT NAME: Shade Mixture No. 11 Granules Bark Blend

SUPERSEDES:

CODE	HOPPER NO.	%	SLATE		
	1	55%	3M	41	BROWN
		45%	3M	12	OLIVE
	2	55%	3M	12	OLIVE
		15%	3M	41	BROWN
		20%	3M	46	TAN
		10%	3M	55	GRAY
	3	60%	3M	12	OLIVE
		20%	3M	55	GRAY
		20%	3M	41	BROWN

% SLATE/SQ.	25.5	3M 41 BROWN	CAM SETTING	
	54.6	3M 12 OLIVE	HOPPER #1	Starts 220°Stops 265°
	8.9	3M 46 TAN	HOPPER #2	Starts 120°Stops 210°
	11.0	3M 55 GRAY	HOPPER #3	Starts 0° Stops 65°

RCD OPERATING SPEED: PRODUCTION CREW SIZE: UNIT:

COLORS:

BIRD 014541

PRODUCT SPECIFICATIONS

MACHINE #

DIVISION: SHREVEPORT, LA

PRODUCT CODE:

PRODUCT NAME: SHADE MIXTURE #11 GRANULES WEATHER BLENDE WINDSEAL & FIRESCREEN

ISSUED DATE: 3/25/83

REV:

SUPERSEDES:

CODE	HOPPER NO.	%	KIND OF SLATE		
	1	75%	GAF	801	ACCENT TONE
		15%	3M	76	GRAY
		10%	3M	41	BROWN
	2	60%	GAF	801	ACCENT TONE
		25%	3M	76	GRAY
		10%	3M	41	BROWN
		5%	3M	68	BUFF
	3	75%	GAF	801	ACCENT TONE
		15%	3M	76	GRAY
		10%	3M	41	BROWN
SPILLOVER	4	60%	GAF	801	ACCENT TONE
		25%	3M	76	GRAY
		10%	3M	41	BROWN
		5%	3M	68	BUFF

% SLATE PER SQ.	
GAF 801 ACCENT TONE	67.5%
3M 76 GRAY	20.0%
3M 41 BROWN	10.0%
3M 68 BUFF	2.5%

CAM SETTING

HOPPER # 1 START 220° STOPS 265°

HOPPER # 2 START 120° STOPS 210°

HOPPER # 3 START 0° STOPS 65°

RCD OPERATING SPEED: PRODUCTION CREW SIZE: UNIT:

COLORS:

BIRD 014542

PRODUCT SPECIFICATIONS

ISSUED DATE 8-4
REV:

DIVISION SHREVEPORT, LA. MACHINE #

PRODUCT CODE PRODUCT NAME SHADE MIXTURE - #11 GRANULES
BROWN BLENDS - WIND SEAL - JET

SUPERSEDES:

CODE	HOPPER NO.	%	KIND OF SLATE
	1	10	3M 51 Black
		10	3M 46 Tan
		80	3M 41 Brown
	2	50	3M 51 Black
		5	3M 46 Tan
		45	3M 41 Brown
	3	90	3M 51 Black
		5	3M 46 Tan
		5	3M 41 Brown
	4	Spillover	

Cam Setting
Hopper #1 - Starts 220°, Stops 265°
Hopper #2 - Starts 120°, Stops 210°
Hopper #3 - Starts 0°, Stops 65°

% Slate per Sq.
3M 51 Black----------54.1
3M 46 Tan----------6.1
3M 41 Brown 39.8

RCD OPERATING SPEED PRODUCTION CREW SIZE UNIT

COLORS:

BIRD 014543

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA. MACHINE #

ISSUED DATE 4/23/73
REV.

PRODUCT CODE PRODUCT NAME SHADE MIXTURE - #11 GRANULES
WOOD BLENDE - #23 WIND SEAL
FIRESCREEN LG# 80

SUPERSEDES: 10/1/63

CODE	HOPPER NO.	%	KIND OF SLATE
	1	85	3M #LR 65 Buff
		15	3M #LR 68 Buff
	2	15	3M #LR 65 Buff
		85	3M #LR 68 Buff
	3	33-1/3	3M #LR 65 Buff
		33-1/3	3M #LR 68 Buff
		33-1/3	3M #LR 41 Brown
	4	Spillover	

Cam Setting
Hopper #1 - Starts 220°, Stops 265°
Hopper #2 - Starts 120°, Stops 210°
Hopper #3 - Starts 0°, Stops 65°

% Slate per Sq.
3M #LR 65 Buff -------- 36.6%
3M #LR 68 Buff -------- 52.5%
3M #LR 41 Brown ------- 10.9%

RCD Operating Speed Production Crew Size Unit

Color

BIRD 014544

PRODUCT SPECIFICATIONS

ISSUED DATE 5-25-76
REV.

DIVISION SHREVEPORT, LA. MACHINE #

PRODUCT CODE PRODUCT NAME SHADE MIXTURE - #11 GRANULES
ACORN - ~~WIND SEAL JET & WIND SEAL~~ JET-80 FIRESCREEN

SUPERSEDES:

CODE	HOPPER NO.	%	KIND OF SLATE
	1	10	3M 68 Cream
		10	3M 76 Grey
		80	3M 12 Dark Olive
	2	20	~~3M 55 Grey~~ 3M 55 Grey
		25	3M 41 Brown
		55	3M 12 Dark Olive
	3	30	3M 41 Brown
		70	3M 12 Dark Olive
	4	Spillover	

% Slate per sq.

3M 68 Cream - - - - - 2.2
3M 76 Grey - - - - - 2.2
3M 12 Dark Olive - -65.5
3M 55 Grey - - - - - 9.0
3M 41 Brown - - - - -21.0

Cam Setting

Hopper #1 - starts 220°, stops 265°
Hopper #2 - starts 120°, stops 210°
Hopper #3 - starts 0°, stops 65°

RCD Operating Speed Production Crew Size Unit

Colors:

BIRD 014545

DIVISION SHREVEPORT, LA

PRODUCT COL

PRODUCT SPECIFICATIONS

MACHINE # Shade Mixture #11 Granules

PRODUCT NAME rch 80 Beechwood #1 Comp.

ISSUED DATE 12-/-

REV.

CODE:	HOPPER NO.	%	KIND OF SLATE
	1	25	3M 55 Gray
		40	3M 41 Brown
		25	3M 12 Olive
		10	3M 76 Gray
	2	65	3M 55 Gray
		~~30~~ 35	3M 76 Gray
	3	85	3M 76 Gray
		15	3M 55 Gray
	4 SPILLOVER		

% Slate Per Sq.			
3M	55	Gray	35.0
3M	41	Brown	13.4
3M	12	Olive	8.3
3M	76	Gray	43.3

USE this FOR H&R

RCD OPERATING SPEED_____ PRODUCTION CREW SIZE_____ UNIT_____

COLOR

BIRD 014546

PRODUCT SPECIFICATIONS

ISSUED DATE

REV.

DIVISION SHREVEPORT, LA

MACHINE #

PRODUCT CODE

PRODUCT NAME ~~SET 12~~ SHADE MIXTURE - #11 GRANULES MAHOGANY

WS - FIRESCREEN - J-80

SUPERSEDES:

CODE	HOPPER NO.	%	KIND OF SLATE
	1	70	3M 46 Tan
		20	3M 41 Brown
		10	3M 12 Dark Olive
	2	40	3M 46 Tan
		55	3M 41 Brown
		5	3M 12 Dark Olive
	3	25	3M 46 Tan
		60	3M 41 Brown
		15	3M 12 Dark Olive
	4	Spillover	

Cam Setting

Hopper #1 - starts 220° stops - 265°
Hopper #2 - starts 120° stops - 210°
Hopper #3 - starts 0° stops - 65°

% Slate per Sq.

3M 46 Tan - - - - - - - 41.8
3M 41 Brown - - - - - - 48.8
3M 12 Dark Olive - - 9.4

RCD Operating Speed _____ Production Crew Size _____ Unit _____

Colors: _____

BIRD 014547

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA.

MACHINE #

ISSUED DATE 5-18-7[illegible]

REV.

PRODUCT CODE

PRODUCT NAME Shade Mixture #11 Granules
Meadow Mist - Jet # 23 Wind Seal

SUPERSEDES: 3-8-78

CODE	HOPPER NO	%	KIND OF SLATE
	1	45	LR 76 GRAY
		40	A 720 WHITE
		15	A 171 GREEN
	2	65	A 720 WHITE
		20	LR 76 GRAY
		15	A 171 GREEN
	3	50	A 171 GREEN
		40	A 720 WHITE
		10	LR 76 GRAY
	4	Spillover	

CAM SETTING

Hopper #1 - Starts 220° Stops 265°
Hopper #2 - Starts 120° Stops 210°
Hopper #3 - Starts 0° Stops 65°

% SLATE PER SQ.

3 M LR 76 GRAY	22.4%
A 720 WHITE	51.2%
A 171 GREEN	26.4%

RCD Operating Speed _____ Production Crew Size _____ Unit _____

Color: _____

BIRD 014548

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA.

MACHINE #

ISSUED DATE 5-18-79

REV.

PRODUCT CODE

PRODUCT NAME Shade Mixture #11 Granules DESERT BROWN Jet # 23 Wind Seal

SUPERSEDES: 2-18-74

CODE	HOPPER NO	%	KIND OF SLATE
	1	45	A 720 WHITE
		55	LR 65 BUFF
	2	65	A 720 WHITE
		35	LR 65 BUFF
	3	30	A 720 WHITE
		70	LR 65 BUFF
	4	Spillover	

CAM SETTING

Hopper #1 - Starts 220° Stops 265°
Hopper #2 - Starts 120° Stops 210°
Hopper #3 - Starts 0° Stops 65°

% SLATE PER SQ.

A 720 WHITE 49.1%
LR 65 BUFF 50.9%

RCD Operating Speed _____ Production Crew Size _____ Unit _____

Color: _____

BIRD 014549

PRODUCT SPECIFICATIONS

ISSUED DATE 8-4-
REV: 1-3-77
3-29-79

DIVISION SHREVEPORT, LA.

MACHINE #
SHADE MIXTURE - #11 GRANULES

PRODUCT CODE

PRODUCT NAME ~~WOODSMAN~~ - DOVE
woodscape

SUPERSEDES:

CODE	HOPPER NO.	%	KIND OF SLATE
	1	100	3M ~~55 Gray~~
	2	50	3M 54 Black
		50	3M ~~55 Gray~~
	3	100	3M ~~55 Gray~~
	4	Spillover	83.3 55 GRAY 16.7 54 BLACK
	Shadow Line	100	3M 51 Black

Cam Setting-
Hopper #1 - Starts ~~134°~~, Stops ~~200°~~ (45 OF 8-2-82)
220 - 265
Hopper #2 - Starts ~~68°~~, Stops ~~136°~~
120 - 210
Hopper #3 - Starts ~~0°~~ Stops ~~68°~~
0 - 65

% Slate per Sq. of Blende (only)
3M 54 Black ----------16.7
3M 55 Gray ----------83.3

% Slate Per Sq. - Shadow Line (only)
3M 51 Black 100

RCD OPERATING SPEED

PRODUCTION CREW SIZE

UNIT

COLORS:

BIRD 014550

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA. MACHINE #

ISSUED DATE 4/23/73
REV.

PRODUCT CODE PRODUCT NAME SHADE MIXTURE - #11 GRANULES
MOIRE BLACK - #23 W. S. JETS
FIRESCREEN - FEB 80

SUPERSEDES: 5/1/63

CODE	HOPPER NO.	%	KIND OF SLATE
	1	40	~~LR~~ 55 Gray
		60	LR 54 Black
	2	100	LR 54 Black
	3	100	LR 54 Black
	4	Spillover	

Cam Setting
Hopper #1 - Starts 220°, Stops 265°
Hopper #2 - Starts 120°, Stops 210°
Hopper #3 - Starts 0°, Stops 65°

% Slate per Sq.
LR 55 Gray ---------- 8.8%
LR 54 Black ---------- 91.2%

RCD Operating Speed Production Crew Size Unit

Color

BIRD 014551

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA BLENDES FOR MACHINE #10

ISSUED DATE 10-31-83

REV.

PRODUCT CODE PRODUCT NAME DRIFTWOOD

(Arch 80 No. 1 Comp)

SUPERSEDES: 2-27-/

CODE	HOPPER	%	SLATE
	1	10	65 Buff
		20	76 Gray
		70	12 Olive
	3	20	Glenwood
		25	41 Brown
		55	12 Olive
	Spill	5	65 Buff
		10	76 Gray
		65	12 Olive
		10	Glenwood
		10	41 Brown

CAM Settings:

Hopper No. 1 Starts 207° Stops 260°
Hopper No. 3 Starts 0° Stops 74°

RCD Operating Speed Production Crew Size Units

Colors:

BIRD 014552

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA BLENDES FOR MACHINE #10

ISSUED DATE 10-31-83
REV.

PRODUCT CODE _____ PRODUCT NAME BEECHWOOD
(Arch 80 No. 1 Comp)

SUPERSEDES: 12-7-81

CODE	HOPPER	%	SLATE
	1	45	41 Brown
		25	55 Gray
		30	12 Olive
	3	55	55 Gray
		45	76 Gray
	Spill	20	41 Brown
		40	55 Gray
		15	12 Olive
		25	76 Gray

CAM Settings:

Hopper No. 1 Starts 207° Stops 260°
Hopper No. 3 Starts 0° Stops 74°

RCD Operating Speed _____ Production Crew Size _____ Unit _____

Colors: _____

BIRD 014553

PRODUCT SPECIFICATIONS

DIVISION SHREVEPORT, LA. BLENDES FOR MACHINE #10

ISSUED DATE 10-31-83
REV.

PRODUCT CODE _____ PRODUCT NAME WEATHERWOOD
(Arch 80 No. 1 Comp)

SUPERSEDES: 3-25-83

CODE	HOPPER	%	SLATE
	1	75	GAF 801 Accent Tone
		15	3M 76 Gray
		10	3M 41 Brown
	3	60	GAF 801 Accent Tone
		25	3M 76 Gray
		10	3M 41 Brown
		5	3M 68 Buff
	Spill	65	GAF 801 Accent Tone
		20	3M 76 Gray
		10	3M 41 Brown
		5	3M 68 Buff

CAM Settings:

Hopper No. 1 Starts 207° Stops 260°
Hopper No. 3 Starts 0° Stops 74°

RCD Operating Speed _____ Production Crew Size _____ Unit _____

Colors: _____

BIRD 014554