

FORMULA RECORD 13

CONTROL LAB		Cleveland T. S.		DATE	7-12-31	RTX. NO.	510
NAME		Brick & Stucco white		CARD NO.	8		
CUSTOMER				Sherwin-Williams Co.	CR	POUNDS	GALLONS
MFG. INSTR.						NEW MAT'L	OLD MAT'L
					5	.6	530
* Redc. 1st coat 2nd coat				100	3.1	6600	1403
Rr 910 1 gal. 1 gal.				260	13.6	6030	2077
02h 1 gal. 1 qt.				500	10.3	6840	1112
				150	5.5	6680	2132
WT./GAL T 1 1/4 78				VISC. 30-35" @ 75 deg. F	4	1/2	(1960)
GRIND 1H				VISC. on #3 Cup	216	28	(1521)
OUTPUT 100				BLEED	114	15 1/4	(2536)
MFG. LOSS 3%				DEPT	65	10	(145)
STOR. LOSS				MILL Roller			(148)
SOLIDS				RATE/HR.	15	2	(902)
PARALLELS no				FLASH PT 100°F	7	1	(942)
				ROYALTY: YES ☐ NO ☐ X ☐ W ☐	86	13 1/4	(145)
REASON FOR REVISION To show new							
classified assignments.							
FORMULA				SUPT			

SMATCH Standard

APPLICATION: SURFACE Brick & Concrete

NO. COATS

UNDERCOATER USED

METHOD 1. Brush

REDUCTION: AMOUNT %

REDUCER USED 021

METHOD 2

REDUCTION: AMOUNT

REDUCER USED

DRYING TIME: TOUCH 6-8hrs RECOAT 48hrs STENCIL

HARD

SAND

HANDLE

TACK FREE

RUB

WRAP

BAKING TIME AND TEMP.

GLOSS Eggshell FILM Hard & Tough

SPECIAL TESTS

REX. NO. 910

CARD NO. 8

DATE 7-12-54

DATE 7-12-54

SHP NO. 11

AMOUNT

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

0007-SWP-062851

CONTROL LAB			FORMULA RECORD		18	
Cleveland T. S.			DATE 6-19-53		910	
NAME Brick & Stucco White			REX. NO.		CARD NO. 7	
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER	Sherwin-Williams Co. C R		
5	.6	1826 530	MFG. INSTR.			
100	3.1	1403 6600	* Redc.	1st coat 2nd coat		
260	13.6	2077 6030	Rx 910	1 gal. 1 gal.		
500	10.3	1412 6840	024	1 gal. 1 gal.		
150	5.5	2132 6680	7-12-54			
4	1/2	(5094) (1969)	WGT 11.75	VISC 30-35 at 5 deg.		
216	28	(2) (1531)	GRIND 1H	VISC #3 cmf		
114	15 1/4	(2536) (1425)	OUTPUT 100 (2539)	DEPT. PKG.		
65	10	(348) 54(24)	MFG. LOSS 3%	STOR. LOSS.		
15	2	(1230) (904)	SOLID	MIL. Roller LINING		
7	1	(1231) (944)	PARALLELS	RATE/HR. LAB. ANALYSIS		
86	13 1/4	(348) (1450)	Parallel	FLASH PT. LABEL NO. RED		
			REASON FOR REVISION	Show (2536) and (2539)		
	10	(2539) (2539)				
	5 1/4	(348) (145)				

D.B. Thompson 176

TO MATCH <u>Standard</u>		REC. NO. <u>910</u>	
APPLICATION: SURFACE <u>Brick & Concrete</u>		CARD NO. <u>7 Trade Sales</u>	
NO. COATS _____		DATE <u>6-19-53</u> <u>Quality Control</u>	
UNDERCOATER USED _____		DATE	SLIP NO.
METHOD 1 <u>Brush</u>		<u>Paint Not</u>	<u>4-8-53</u>
REDUCTION: AMOUNT <u>*</u>	REDUCER USED <u>024</u>	<u>Paint</u>	<u>"</u>
METHOD 2 _____		<u>Paint</u>	<u>"</u>
REDUCTION: AMOUNT _____	REDUCER USED _____	<u>Paint</u>	<u>"</u>
DRYING TIME: TOUCH <u>6-8hrs</u>	RECOAT <u>48hrs</u>	STENCIL _____	
HARD _____	SAND _____	HANDLE _____	
TACK FREE _____	RUB _____	WRAP _____	
BAKING TIME AND TEMP. _____			
GLOSS <u>Eggshell</u>	FILM <u>Hard & Tough</u>		
SPECIAL TESTS _____			
		FACTORY	FORMULA
		EXEC. COST DEPT.	<u>11</u>
		CLEVELAND	<u>A</u>
		KENSINGTON	<u>C</u>
		PAINT RESEARCH	<u>11</u>
		KENS. TECH. SERV.	<u>11</u>
		KENS. LACQUER	<u>11</u>
		NEWARK	<u>N</u>
		OAKLAND	<u>O</u>
		M. SENCOUR	<u>M</u>
		DETROIT	<u>D</u>
		LOS ANGELES	<u>L</u>
		DALLAS	<u>T</u>
		DAYTON	<u>I</u>
		GIBBSBFCO.	<u>F</u>
		EXEC. MFG.	<u>11</u>
		CUBA	<u>H</u>
		MONTREAL	<u>11</u>
		BUENOS AIRES	<u>Z</u>
		BRAZIL	<u>S</u>
		RES ADM	<u>11</u>
		MEXICO	<u>11</u>

FORMULA RECORD 18

CONTROL LAB Cleveland T. S.

DATE 6-25-52

REV. NO. 910

NAME Brick & Stucco White

CARD NO. 6

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
5	.6	1826	Sherwin-Williams Co.
100	3.1	1403	TO MATCH Standard
260	13.6	2077	REASON FOR REVISION Bring materials up-
500	10.3	112	to state, replacing (310) with
150	5.5	2132	(2538), (2538) (310) @ 70% NVM.
4	1/2	(5094)	
216	28	(2)	VISCOSITY 30-35" AT
114	15 1/4	(2538)	VISCOSITY #3 cup AT
65	10	(348)	% SOLIDS (RUN) 14.84
15	2	(1230)	ROYALTY, YES ☐ NO ☒
7	1	(1231)	LABEL ANALYSIS CHECKED ☒
81	12 1/2	(348)	LABEL NO. RED ☐ RED ☒
			STD. OF FINENESS ☒ NEW STD. SAMPLE REQUIRED
			NORMAL OUTPUT 10
			EST. MFG. LOSS 3%
			DEPARTMENT
			PACKAGE
			PARALLEL NO.'S
			No 1 parallel
			DATE REC'D
			MILL Roller BLEED?
			LBS. OR GALS. PER HOUR
			APPROVED
			FORMULATOR
			SUPT.

MANUFACTURING INSTRUCTIONS:

* Reduction 1st Coat 2nd Coat

Rx 910 1gal 1gal
024 1 gal. 1 qt.

1950-51 64816

APPLICATION: SURFACE Brick & Concrete

NO. COATS

UNDERCOATER USED

METHOD 1 Brush

REDUCTION: AMOUNT * REDUCER USED 024

METHOD 2

REDUCTION: AMOUNT REDUCER USED

DRYING TIME: TOUCH 6-8hrs RECOAT 48hrs STENCIL

HARD SAND HANDLE

TACK FREE RUB WRAP

BAKING TIME AND TEMP.

GLOSS Eggshell FILM Hard & Tough

SPECIAL TESTS

Form 910

DATE SLIP NO. AMOUNT

7-8-52
7-8-52
7-8-52
7-8-52
7-8-52
7-8-52
7-8-52
7-8-52

FACTORY FORMULA SPEC. CARD

EXEC. COST DEPT. 11
CLEVELAND 11
KENSINGTON C 11
ALLIED RESEARCH 11
KENS. TECH. SERV. 11
KENS. LACQUER 11
NEWARK N 11
OAKLAND O 11
M. SENOUR M 11
DETROIT D 11
LOS ANGELES P 11
DALLAS T 11
DAYTON I 11
GIBBSBORO F 11
EXEC. MFG. 11
CUBA H 11
MONTREAL G 11
BUENOS AIRES Z 11
BRAZIL S 11
RES ADM 11
MEXICO 11

6-2-53

MANUFACTURING INSTRUCTIONS:			Rex910		
Reduction	1st Coat	2nd Coat	DATE	SLIP NO.	AMOUNT
Rx 910	1 gal	1 gal	<i>Memo</i>	<i>2-20-51</i>	
024	1 gal	1 qt	<i>Boyle</i>	<i>"</i>	
			<i>T. Sales</i>	<i>"</i>	
			<i>Depue</i>	<i>"</i>	
			<i>P. 49</i>	<i>"</i>	
			<i>Callan</i>	<i>"</i>	
			<i>Drury</i>	<i>"</i>	
			<i>Washburn</i>	<i>"</i>	
			<i>Blum</i>	<i>"</i>	
APPLICATION: SURFACE <u>Brick & Concrete</u>			FACTORY	FORMULA	SPEC. CARD
NO. COATS			EXEC. COST DEPT.	<i>"</i>	
UNDERCOATER USED			CLEVELAND	<i>"</i>	
METHOD 1: <u>Brush</u>			KENSINGTON	<i>"</i>	<i>2-20-51</i>
REDUCTION: AMOUNT			ALLIED RESEARCH	<i>"</i>	
REDUCER USED <u>024</u>			KENS. TECH. SERV.	<i>"</i>	
METHOD 2			KENS. LACQUER		
REDUCTION: AMOUNT			NEWARK	<i>"</i>	<i>2-20-51</i>
REDUCER USED			OAKLAND	<i>"</i>	
DRYING TIME: TOUCH <u>6-8hrs</u>			MT. GENEVE	<i>"</i>	<i>2-20-51</i>
RECOAT <u>48hrs</u>			DETROIT	<i>"</i>	
STENCIL			LOS ANGELES	<i>"</i>	
HARD			DALLAS	<i>"</i>	
SAND			DARTON	<i>"</i>	
HANDLE			CHESBORO	<i>"</i>	
TACK FREE			EXEC. MFG.	<i>"</i>	
SUB			CUBA	<i>"</i>	
WRAP			MONTREAL	<i>"</i>	
BAKING TIME AND TEMP.			BUENOS AIRES	<i>"</i>	
GLOSS <u>Eggshell</u>			BRACH	<i>"</i>	
FIN <u>Hard & Tough</u>			RES ADM	<i>"</i>	
SPECIAL TESTS			MEXICO	<i>"</i>	

FORMULA RECORD 18			X-35	
CONTROL LAB		Cleveland T.S.	DATE	3/25/50
NAME		Brick & Stucco White	REL. NO.	910
			CARD NO.	3
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin Williams Co.	
5	.6	1826	Standard	
100	3.1	1403	11-15	
260	13.5	1552 2077	REASON FOR REVISION To adjust body and driers.	
500	10.3	412		
150	5.5	2132		
4	1/2	(5094)		
216	28	(2)	VISCOSITY 20-35" @ 75 deg. F. HRS. AFTER GRIND	
80	10	(48)	VISCOSITY On #3 Cup AT HRS. AFTER GRIND	
98	15	(348)	ROYALTY: YES ☐ ; NO ☐ ; X ☐ ; W ☐	
			LABEL ANALYSIS CHECKED-DATE	
			LABEL: NO. REDS; RED ☐	
15	2	(4230)	STD. OF FINENESS 1H	
3 1/2	1/2	(4231)	NORMAL OUTPUT 100	
3 1/2	1/2	(4232)	EST. WEG. LOSS 3%	
91	14	(348)	DEPARTMENT	
			PACKAGE	
			PARALLEL NO.'S	
			No parallel	
			SUIT. S76	

MANUFACTURING INSTRUCTIONS:			910		
Reduction	1st Coat	2nd Coat	DATE	SLIP NO.	AMOUNT
Rx 910	1 gal	1 gal	May 28 1950	3-24-50	
024	1 gal	1 qt.			
APPLICATION: SURFACE Brick & Concrete					
NO. COATS					
UNDERCOATER USED			FACTORY	FORMULA	SPEC. CARD
METHOD 1 Brush			EXEC. COST DEPT.	"	
REDUCTION: AMOUNT			CLEVELAND	"	
REDUCER USED 024			KENSINGTON	"	2/28/50
METHOD 2			ALLIED RESEARCH	"	
REDUCTION: AMOUNT			KENS. TECH. SERV.	"	
REDUCER USED			KENS. LACQUER	"	
DRYING TIME: TOUCH 6-8hrs RECOAT 48hrs STENCIL			NEWARK	"	2/28/50
HARD			OAKLAND	"	
SAND			M. SENOUR	"	3/28/50
HANDLE			DETROIT	"	
TACK FREE			LOS ANGELES	"	
RUB			DALLAS	"	
WRAP			DAYTON	"	
BAKING TIME AND TEMP.			GIBBSBORO	"	
GLOSS Eggshell			EXEC. MFG.	"	
FILM Hard & Tough			CUDA	"	
SPECIAL TESTS			MONTREAL	"	
			BUENOS AIRES	"	
			BRAZIL	"	
			RES ADM.	"	
			MEXICO	"	

FORMULA RECORD 18

CONTROL LAB Cleveland T. S. DATE 11-14-50

REV. NO. 910

NAME Brick & Stucco White

CARD NO. 4

POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
5	.6	1826	Sherwin-Williams Co.
100	3.1	1403	TO MATCH Standard
260	13.5	2077	REASON FOR REVISION To simplify raw
500	10.3	412	materials.
150	5.5	2132	
4	1/2	(5094)	
216	28	(2)	VISCOSITY 30-35" @ 75°F
80	10	(48) or (310)	VISCOSITY on #3 cup
98	15	(348)	% SOLIDS (RUN)
			WT/GAL T 14.75
15	2	(4230) (90)	BAUME
7 3 1/2	1 1/2	(4231) (94)	STANDARD FINENESS 1H
3 1/2	1/2	(4232)	OR 940 100
91	14	(348)	EST. FINE LOSS 3%
			DEPARTMENT
			PACKAGE
			PARALLEL NO.'S
			No Parallel
			APPROVED
			FORMULA
			SUPT.

ROYALTY: YES ☐ NO ☒ X

LABEL ANALYSIS CHECKED

LABEL: NO. RED ☒ RED ☐

NEW STD. SAMPLE REQUIRED

DATE REC'D

MILL ROLL ☒ BLEED?

LBS. OR GALS. PER HOUR

876

0007-SWP-062860

MANUFACTURING INSTRUCTIONS:			Rex 910		
Reduction	1st Coat	2nd Coat	DATE	SLIP NO.	AMOUNT
Rx 910	1 gal	1 gal	11/24/63		
024	1 gal	1 qt			
APPLICATION: SURFACE <u>Brick & Concrete</u>					
* NO. COATS					
UNDERCOATER USED			FACTORY	FORMULA	SPEC. CARD
METHOD 1 <u>Brush</u>			EXEC. COST DEPT.	"	
REDUCTION: AMOUNT			CLEVELAND	"	
REDUCER USED <u>024</u>			KENSINGTON	"	11/24/63
METHOD 2			ALLIED RESEARCH	"	
REDUCTION: AMOUNT			KENS. TECH. SERV.	"	
REDUCER USED			KENS. LACQUER	"	
DRYING TIME: TOUCH <u>6-8hrs</u> RECOAT <u>48hrs</u> STENCIL			NEWARK	"	11/24/60
HARD			OAKLAND	"	
SAND			M. SENOUR	"	11/24/61
HANDLE			DETROIT	"	
TACK FREE			LOS ANGELES	"	
RUB			DALLAS	"	
WRAP			DAYTON	"	
BAKING TIME AND TEMP.			GIBBSBORO	"	
GLOSS <u>Eggshell</u> FILM <u>Hard & Tough</u>			EXEC. MFG.	"	
SPECIAL TESTS			CUBA	"	
			MONTREAL	"	
			BUENOS AIRES	"	
			BRAZIL	"	
			RES ADM	"	
			MEXICO	"	

FORMULA RECORD 18			AI3	
CONTROL LAB		Cleveland T.S.	DATE	5/24/49
NAME		Brick & Stucco White	REK. NO.	910
			CARD NO.	2
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Sherwin Williams Co. <i>OK</i>	
5	.6	1826	TO MATCH Standard	
100	3.1	1403		
260	13.5	1552	REASON FOR REVISION To lower cost by	
500	10.3	412	replacing 412 dry with 2132	
150	5.5	2132	dry.	
4	.5	2270		
5 1/4			VISCOSITY 20-25" @ 75 deg. F. HRS. AFTER GRIND	
77	10	(2)	VISCOSITY 42" @ 75 deg. F. HRS. AFTER GRIND	
117	15	(785)	% SOLIDS (HUN) ROYALTY: ☐ NO ☐ X ☐ W ☐	
104	13	(48)	WT./GAL T 14.75 LABEL ATTACHED CHECKED DATE	
101	15 1/2	(348)	BAUME LABEL NO. RED ☐ REPT. ☐	
7 1/2	1	(4230)	STD. OF FINENESS 1H NEW STD. SAMPLE REQUIRED	
3 1/2	1/2	(4231)	FORMAL OUTPUT 100 DATE REC'D	
98	15	(348)	EST. GALLONS 11% MILL Roller BLEED?	
			DEPARTMENT YES. OR GALS. PER HOUR	
			PACKAGE APPROVED	
			PARALLEL NO.'S FORMULATED BY <i>W. H. H. 12/10/71</i>	
			SUPT. <i>STL</i>	

0007-SWP-062862

MANUFACTURING INSTRUCTIONS:				910		
				DATE	SLIP NO.	AMOUNT
				<i>R. Adams</i>	<i>9-3-49</i>	
				<i>Salon</i>	<i>"</i>	
				<i>Boys</i>	<i>5/27/49</i>	
				<i>Boys</i>	<i>"</i>	
				<i>Boys</i>	<i>"</i>	
				<i>Boys</i>	<i>"</i>	
				<i>Boys</i>	<i>"</i>	
				<i>Boys</i>	<i>"</i>	
APPLICATION: SURFACE Brick & Concrete						
NO. COATS Two						
UNDERCOATER USED				FACTORY	FORMULA	SPEC. CARD
METHOD Brush				EXEC. COST DEPT.	<i>"</i>	
REDUCTION: AMOUNT * REDUCER USED 024				CLEVELAND	<i>"</i>	
METHOD				KENSINGTON	<i>"</i>	<i>5/22/49</i>
REDUCTION: AMOUNT REDUCER USED				ALLIED RESEARCH	<i>"</i>	
				KENS. TECH. SERV.	<i>"</i>	
				KENS. LACQUER	<i>"</i>	
				NEWARK	<i>"</i>	
				OAKLAND	<i>"</i>	
				H. SENOUR	<i>"</i>	
				DETROIT	<i>"</i>	
				LOS ANGELES	<i>"</i>	
				DALLAS	<i>"</i>	
				DAYTON	<i>"</i>	
				GIBBSBORO	<i>"</i>	
				EXEC. MFG.	<i>"</i>	
				CUBA	<i>"</i>	
				MONTREAL	<i>"</i>	
				BUENOS AIRES	<i>"</i>	
				BRAZIL	<i>"</i>	
				RES ADM.	<i>"</i>	
				MEXICO	<i>"</i>	
DRYING TIME: TOUCH 6-8hrs RECOAT 24hrs STENCIL						
HARD SAND HANDLE						
TACK FREE RUB WRAP						
BAKING TIME AND TEMP.						
GLOSS Eggshell FILM Tough & Hard						
SPECIAL TESTS Reduction 1st coat 2nd coat						
Rx 910 1 gal 1 gal						
024 1 gal 1 qt.						

FORMULA RECORD			Exp. No. _____ Date <u>8-20-45</u> Class <u>10 T 3/2/21</u> Rex. No. <u>910</u>	
Name <u>Brick & Stucco White</u>			Card No. <u>1</u> Replaces No. _____	
POUNDS	GALLONS	MATERIAL No.	Customer <u>S.W. CO.</u>	
5		1826	To Match <u>STD.</u>	
100		1403	<u>Comp 2.90 M. 10/2/77 4.11 9.10-45</u>	
260		2552	Reason for Revision <u>per V. Mills letter</u>	
760		412 over	<u>7/30/45 Subj. Re-Aligning Trade</u>	
			<u>Sales Rex. Numbers.</u>	
			<u>SUPERSEDES REX 15529</u>	
			Viscosity <u>30-35</u> #3 at _____ hrs. after grind	
			Viscosity _____ at _____ hrs. after grind	
			% Solids (Run) _____	
			Wt./Gat <u>15.90</u>	
			Baume <u>114</u>	
			Normal Output <u>100</u>	
			Est. Mfg. Loss <u>4%</u>	
			Department <u>B</u>	
			Package _____	
			Parallel No.'s _____	
			Supt. <u>Wm. B. Smith</u>	

C007-SWP-062864

MANUFACTURING INSTRUCTIONS:

412 or 380# 521
 380# 414
 For 100# 1403 } alt. 45# 2173
 260# 1552 } with 45# 1403
 270# 1552

2pts. Stucco &
 Application: Surface Concrete No. Coats one
 Undercoater Used Rx-15529 & No. Coats
 1 pt. 02978

Method 1 Brush
 Reduction: Amount Reducer Used

Method 2
 Reduction: Amount Reducer Used

Drying Time: Touch 6-8hrs Recoat 24hrs Stencil
 Hard Sand Handle
 Tack Free Rub Wrap

Baking Time and Temp.
 Gloss Eggshell Film Tough & Hard
 Special Tests

8/29/45 8/10/47

DATE	SLIP No.	AMOUNT
or 160#	2132	
204#	1552	
Continued 8-6-47		
V. Miller 3-6-47		
FACTORY	FORMULA	SPEC. CARD
Expt. Cost Dept.	8-30-45	
Cleveland	A 8-28-45	8-30-45
Kensington	C	
Allied Research		
Kens. Tech. Serv.		
Kens. Lacquer		
Newark	N	
Oakland	O	
M. Senour	M	
Detroit	D	
Los Angeles	P	
Dallas	T	8-13-49
Dayton	P	
Gibbsboro	F	
Pittsburgh	H	
Cuba	V	
Montreal		
Buenos Aires	Z	
B.R. Miller		
T		