A 480 B 2m 11-30 Printed in U. S. A.

FORMULA RECORD

Goods Glidden Endurance Prepared Paint Formula No. Y-1812-C

Consistency Cottage Brown Date 12/13/30 Old No.

For Use on Cost Classification

Code Number	1	5	½ Bbl.	Bbl.	2 Bbl.		Manufacturing Specifications
O-1	7¼	pints		36¼	72½		Grind "C"
D-10	3/8	"		1 7/8	3¾		Kind of Mill
O-63	3/8	"		1 7/8	3¾		Rate per hr.
							Strainer
Yw-10	4 #			160	# 320		Weight per Gallon 12½ #
W-6	1 #			40	80		Light Baume Temp.
R-16	1½ #			60	120		Heavy Baume Temp.
W-16	1½ #			60	120		Viscosity Temp.
W-11	1 #			40	80		Make of Viscosimeter
							Flash Point
							Is Agitator Package Required
							Remarks
Yield							

N12403

FORMULA RECORD

A 650 6m 10-26
Printed in U.S.A.

Goods Glidden Endurance Prepared Paint — Formula No. Y-1812-B

Consistency Cottage Brown — Date 11-10-26. Old No.

For Use on — Cost Classification

1	5	½ Bbl	Bbl.	2 Bbl.	Code No.	Percent	Manufacturing Specifications
91	gal.	Raw Linseed Oil			O-1		Grind
9	"	Kingsley Drier			D-10		Kind of Mill
400	lbs.	French Ochre			YW-10		Rate per hr.
100	"	Off Color Sunolith			W-56		Strainer
250	"	Victoria Venetian Red			R-16		Weight per Gallon
150	"	Silica			W-16		Light Baume Temp.
100	"	Pulp			W-11		Heavy Baume Temp.
8 1/8	"	Lampblack in Oil					Viscosity Temp
16 1/8	"	Red Oxide in Oil					Make of Viscosimeter
							Flash Point
							Is Agitator Package Required
							Remarks
Yield							

GLD060595

FORMULA RECORD

Goods: COTTAGE BROWN End PAINT — Formula: Y 1812 W

Consistency — Date: [illegible] — Old No.

For Use on — Classification No.

Material	Code	1	5	Bbl.		Manufacturing Specifications
Raw Oil	01			85	gal	Grind
B Japan	D5			5	"	Kind of Mill
Thy Oil Cut	0.63			10	"	Rate per hr.
						Wt. per gal. Baume
Ochre	YW10			480	"	Strainer Viscosity
Leaded Zinc	W5			120	"	Flash Point
Vac Ven Red	R16			200	"	**Testing Requirements**
Silica	W16			75	"	Reduce with
Pulp	W11			75	"	Amount
Lamp Oil	B7			2½	"	Apply by
						Surface
						Drying time
						Baking time
						Match for
						Std. Yield

GLD060596

A 480 D 2m 11-20 Printed in U.S.A.

FORMULA RECORD

Goods Endurance Paint Cottage Brown — Formula No. Y 1812 D

Consistency — Date 1/18/32 — Old No.

For Use on — Cost Classification

Code Number	1	5	½ Bbl.	Bbl.	2 Bbl.		Manufacturing Specifications
05	10	gal	10	gal			Grind Good C
04	18	"		"			Kind of Mill Stone
01	40	"	58	"			Rate per hr.
063	5	oz	5	"			Strainer
D 10	3½	"	3½	"			Weight per Gallon 13¼#
* V 715	2	"	2	"			Light Baume Temp.
67 T 9	2	"	2	"			Heavy Baume Temp.
							Viscosity Temp.
YW 37	100#						Make of Viscosimeter
W 6	100#						Flash Point
R 18	85#						Is Agitator Package Required
B 7	2½#						Remarks
W 10	280#						1st Grade Paint.
W 11	100#						

* Note:- Add V 715 only if needed for body.

Yield

GLD060597

A-48 C 12500 32 Printed in U. S. A.

FORMULA RECORD

Goods Cottage Brown Endurance Paint Formula No. Y 1812 E

Consistency Date 12/1/32 Lab. No.

For Use on Cost Classification

Code Number	1	5	½ Bbl.	Bbl.	2 Bbl.		Manufacturing Specifications
01	65	Gal					Grind
064	5						Kind of Mill
V121	6¼						Rate per hr.
D5	3¾						Strainer
							Weight per Gallon 13# 6 ozs.
YW37	100#						Light Baume Temp.
W6	110#						Heavy Baume Temp.
R18	85#						Viscosity Temp.
B7	2½#						Make of Viscosimeter
W10	280#						Flash Point
W11	100#						Is Agitator Package Required
							Remarks
Yield							

Discontinued
see Y 1812 E

GLD060598

DISCONTINUED
NUBIAN REVISION

COST DEPARTMENT RECORD

Classified Formula No. Y-1812-Y

Goods Cottage Brown Ext. Paint

Laboratory Formula No.

Consistency

Date 5-26-42

Factory Letter No.

For Use on ~ . .

Production No. 95-160

Customer A & E

Cost Classification

Ingredient Code Number	Lab'ty Formula	Large Batch Pounds	Large Batch Gallons	Do not write in these columns For Cost Department Use Only	Manufacturing Specifications
Y-37	53-1/8 #				Grind C
R-6	58-7/16#				Kind of Mill Stone
R-125	30 #				Strainer Coarse
B-7	1-21/64#				Weight per Gallon 13.4# Std.
W-10	167-1/8#				Light Baume Temp.
W-11	53-1/8 #				Heavy Baume Temp.
76-B-902	76-B-902	76-Y-915			Viscosity Temp.
O-1	34-17/32 G				Viscosimeter
O-64	2-21/32 #				Flash Point
Y-121 Blend	2-21/32 #				Is Agitator Required
D-10-Spec.	2-21/32 #				
					Formulator
Yield					

GLD060599

GOODS COTTAGE BROWN ENDURANCE FORMULA RECORD

CONSISTENCY

FOR USE ON

CUSTOMER

FORMULA NO.

LABORATORY NO. Y 1812

COST CLASS. DATE 4.9.64.

STRAINER GRIND 6

MILL BALL WT. OR SE 11.

CODE NUMBER	100 GALLON BATCH GALS.	LBS.	OZS.	GALLON BATCH GALS.	LBS.	OZS.
YW 89		110.				
R 18		60.				
W 180		30.				
B 7		1.5				
M 333		5.				
CH 185		5.				
W 218		5.	) PREMIX AND INCLUDE			
S 72	0.25		)			
V 869	76.					
O 265	12.					
S 43	7.58					
TV 177	1.					
VM 430	0.0					
VM 433	0.11					
VM 432	1.5					
14% 0.200	0.125					
YIELD						

IS AGITATOR REQUIRED

VISC. F.B. 90-95" TEMP. 80°F.

VISC. RED. TEMP.

VISCOSIMETER #4 FORD FORD CUP

COLOR SHEEN

NON VOL. FLASH PT.

MATCH FOR

REDUCER

APP. FOR BRUSHING F.E.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 6-8 HRS.

A. R. TO RECOAT IN O.N.

REMARKS: FOR BETTER COLOR MATCH

FORMERLY 85D20

Y1812 I (CAN.)

3.26.58

CANADIAN MEASURE

FORMULATOR R.J.H./D.W.H.

GLD060600

45D.D 50M 7-37 (13)

FORMULA RECORD

Goods Cottage Brown End Paint — Formula No. Y 1812F

Consistency Liquid — Date 4-26-39 — Laboratory No.

For Use on — Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
01	6 1/2						65			Grind C
064	1/2						5			Kind of Mill
V121	1/2						5			Strainer
D10	1/2						5			Weight per Gallon 13.4 #
										Light Baume Temp.
YW37		1 1/4						100		Heavy Baume Temp.
W57		7/8						70		Viscosity Temp.
W1		1/2						40		Viscosimeter
R18		1						80		Flash Point
B7			1/2					2 1/2		Is Agitator Required
W10		3 1/2						280		Remarks JPW
W11		1 1/4						100		
	See Formula dated 5/12/41									
Yield										

GLD060601

4000 50M 8-40 PRINTED IN U.S.A. IWP

FORMULA RECORD

DISCONTINUED

Goods Cottage Brown Endurance Paint Formula No. Y 1812 F

Consistency Liquid Date 5-12-41 Laboratory No.

For Use on Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
01	6½						65			Grind C
D64	½						5			Kind of Mill
V121	½						5			Strainer
D 10	½						5			Weight per Gallon 13.4
										Light Baume Temp.
Jul 37		1	4					100		Heavy Baume Temp.
W 6		1	6					110		Viscosity Temp.
R 18		1						80		Viscosimeter
B 7			½					2	8	Flash Point
W 10		3	8					280		Is Agitator Required
W 11		1	4					100		Remarks
Replaces formula issued 4-24-39										
showing correct analysis.										
Yield										JPW

GLD060602

480-D SM 4-41 PRINTED IN U.S.A. (WP)

FORMULA RECORD

Goods Cottage Brown Endurance Paint Formula No. Y1812 F

Consistency Liquid Date 5-12-41 Laboratory No.

For Use on Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
01	6½						45			Grind C
064	½						5			Kind of Mill
V121	½						5			Strainer
D10	½						5			Weight per Gallon 13.4
										Light Baume Temp.
YW37		1	4					100		Heavy Baume Temp.
W6		1	6					110		Viscosity Temp.
K18		1						80		Viscosimeter
B7			½					2	8	Flash Point
W10		3	8					280		Is Agitator Required
W11		1	4					100		Remarks
Replaces	Formula		Issued	4-26-39						DISCONTINUED
Showing	correct		analysis							5-12-41
Yield										JPW

GLD060603

47 20N 3-42 PRINTED IN U.S.A. 1941

COST DEPARTMENT RECORD

DISCONTINUED

Goods Cottage Brown Endurance Paint Formula No. Y-1812-F

Consistency Liquid Date 5/12/41 Laboratory No.

For Use on Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
O-1				65						Grind C
O-64				5						Kind of Mill
V-121				5						Strainer
D-10				5						Weight per Gallon
										Light Baume Temp.
YW-37					100					Heavy Baume Temp.
W-6					110					Viscosity Temp.
R-18					80					Viscosimeter
B-106					2	8				Flash Point
W-10					280					Is Agitator Required
W-11					100					Remarks
Yield										

Discontinued

GLD060604

U.S.D. 50M 2-44 PRINTED IN U.S.A. 181

FORMULA RECORD

Goods 120 [illegible] Formula No. Y 1812 G

Consistency [illegible] Date 11-19-45 Laboratory No.

For Use on Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
[illegible] 37		1	4					100		Grind [illegible]
H-18		1						80		Kind of Mill
W-6		1	6					110		Strainer
B-7			3/4					3	12	Weight per Gallon 12.2#
W-10		1	8					120		Light Baume Temp.
[illegible]-16		1	8					120		Heavy Baume Temp.
W-181		1	8					120		Viscosity 75-85 Temp. 80
										Viscosimeter [illegible]
C-1	2 3/8						23 3/4			Flash Point
D-286	2 1/4						22 1/2			Is Agitator Required
D-10	5/8						6 1/4			Remarks [illegible]
S-43	2 1/8						21 1/4			
V-224	5/8						6 1/4			

Standard Formula. Not to be taken from File.

DISCONTINUED

SEE 12/1/49

Title Y 1812 #

Matches Y 1812 Porcelain Panel

3.71# [illegible]

GLD060605

850F 7031 4-49. Printed in U. S. A. L.P.

FORMULA RECORD

Goods 720 Cottage Brown 2nd. Paint

Formula No. Y-1812-H

Consisting Liquid

Laboratory No.

For use on

Cost Class. Date 12/1/49

Customer

Strainer Grind 3-4

Mill Pebble Wt. or Be 12.2#

Code Number	One Gallon Batch Pints	Lbs.	Ozs.	Large Batch Gals.	Lbs.
YW-37		1	4		100
R-18		1			80
W-35			15-7/8		79
W-1			6-1/8		31
B-7			3/4		3-3/4
W-10		1	8		120
W-16		1	8		120
W-181		1	8		120
O-1	2-3/8			23-3/4	
O-286	2-1/4			22-1/2	
D-10	5/8			6-1/4	
S-43	2-1/8			21-1/4	
V-112	5/8			6-1/4	
Yield					

Is agitator required

Wt. 12.2# Temp.

Viscosity 75-80 Temp KU

Viscosimeter Stormer

Color Sheen

Non Vol. Flash Pt.

Match for Y-1812 porcelain

Panel

Reducer

Amt. for brushing

Spraying Tumbling

Dipping Drip time

Bake Temp.

Air dries in

A. D. to recoat in

Remarks:

Changed to replace W-6 with W-35 and W-1

Standard Formula. Not to be taken from File.

Formulator H G H

GLD060606

GLIDDEN 420-H PRINTED IN U.S.A. FORM 60005

FORMULA RECORD

#720 Cottage Brown Endurance Paint

FORMULA NO. Y-1812-H Alt.

CONSISTENCY Liquid

LABORATORY NO. For Cleveland On

FOR USE ON

COST CLASS. DATE 8/21/51

CUSTOMER

STRAINER GRIND 3-4

MILL Pebble WT. OR BE 12.2#

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
VW-37		1	4			
R-210			13			
W-35			15-7/8			
W-1			6-1/8			
B-7			1/2			
W-10		1	8			
W-16		1	8			
W-150		1	11			
O-1	2-3/8					
O-286	2-1/4					
S-43	2-1/8					
V-112	5/8					
D-10	5/8					
YIELD						

Standard Formula
Not to be taken
from File

IS AGITATOR REQUIRED

VISC. F.B. 75-80 KU TEMP.

VISC. RED. TEMP.

VISCOSIMETER Stormer

COLOR SHEEN

NON VOL. FLASH PT.

MATCH FOR Y-1812 Porcelain Panel

REDUCER

AMT. FOR BRUSHING

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN

A. B. TO RECOAT IN

REMARKS:

FORMULATOR Heidelofi

6-4

GLD060607

GLIDDEN 480-C PRINTED IN U.S.A. FROST

FORMULA RECORD

FORMULA NO. Y-1812-J

GOODS. Endurance House Paint-#720 Cottage Brown

LABORATORY NO.

CONSISTENCY Liquid

COST CLASS 160-200 Mesh DATE 2/17/54

FOR USE ON

STRAINER Air Strainer 6

CUSTOMER

MILL Pebble WT. OR BE 9#

DISCONTINUED

SEE

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
YW-37			13			
R-210			8-1/2			
B-7			3/8			
W-170			1-1/2			
W-140			8			
W-195			1			
VM-308			1/2			
CH-185			1/2			
V-872	1					
O-5	1-7/16					
V-872	5-3/8					
S-43	3/16					
D-75			1			
D-68			3/8			
VM-432			1			
CH-243			1/16			

Reformulated to improve gloss & leveling

YIELD 1.09 Gal.

One approved gamp

Standard Formula Not to be taken from File.

IS AGITATOR REQUIRED

VISC. F.B. 95-105" TEMP. 80°

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR Brown SHEEN Gloss

NON VOL. Y 12 6% FLASH PT.

MATCH FOR Y-1812 Porcelain Panel

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING 8:1 S-42 TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 6-8 hrs.

A. D. TO RECOAT IN 48 hrs.

REMARKS:

Add 1 Oz/gal. 67-T-50 if necessary.

FORMULATOR Southwick

28-8-6

GLD060608

COST	DATE	ANALYSIS		CUSTOMERS Y-1812-J
		PIGMENT 20.5 %		Endurance House Paint
		VEHICLE 79.5 %		#720 Cottage Brown
		100.0 %		2/17/54
				AP "Y" [illegible] 7-2-[illegible]
		PIGMENT		Montreal c/o Small (Tor) 6-11-54
		Yellow Iron Oxide	39.55%	Jacts (Herzog) (For Cuba) 7-28-[illegible]
		Red Oxide	25.85	[illegible] 11-28-53
		Lamp Black	1.14	
		Titanium Oxide	4.56	Pierce 3-29-56
		Lead Oxide	1.52	
		Calcium Carbonate	27.38	Bradley 5-18-56
			100.00 %	[illegible] 7-16-56
				Drees 7-15-57
		VEHICLE		~~[illegible]~~ - ~~[illegible]~~
		Vehicle		Disc. when stock depleted per
		Soya Alkyd Resin	64.6%	Smedley - 6-19-58
		Mineral Spirits x Drier	35.4	
			100.0 %	
		Y-1812	452	

GLD060609

GLIDDEN 460-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-1812-J(Emergency

GOODS ENDURANCE HOUSE PAINT - COTTAGE BROWN

LABORATORY NO.

CONSISTENCY

COST CLASS.

DATE 10/27/55

FOR USE ON

STRAINER

GRIND 6

CUSTOMER

MILL Pebble

WT. OR BE 9#

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
YW-37			13			
R-210			8-1/2			
D-7			3/8			
W-180			5			
W-140			8			
W-195			1			
VM-308			1/2			
CH-185			1/2			
V-872	1					
O-5	1					
Grind and add:						
O-5	7/16					
V-872	5-3/8					
S-43	3/16					
D-75			1			
D-68			3/8			
VM-432			1			
CH-269			1/8			
YIELD	1.09					

Standard Formula Not to be taken from File.

IS AGITATOR REQUIRED

VISC. F.E. 95-105" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR Y-1812 Porcelain

REDUCER S-43

AMT. FOR BRUSHING FB

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 6-8 hrs.

A. D. TO RECOAT IN 48 hrs.

REMARKS:

FORMULATOR

OK PCH 28-9

GLD060610

FORMULA RECORD

FORMULA NO. T-1813-J

Endurance House Paint-#720 Cottage Brown

DISCONTINUED

USE 85-B-20

GLD060611

GLIDDEN 490-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-181

GOODS Endurance House Paint-#720 Cottage Brown

LABORATORY NO.

CONSISTENCY

COST CLASS. DA

FOR USE ON

STRAINER GR

CUSTOMER

MILL WI

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC.F.S. T
							VISC. RED. T
							VISCOSIMETER
	DISCONTINUED						COLOR SHEEN
							NON VOL. FLASH PT.
	USE 85-D-20						MATCH FOR Y 181
							REDUCER
							AMT. FOR BRUSHING
							SPRAYING TUMBLING
							DIPPING DRIP TIME
							BAKE TEMP.
							AIR DRIES IN
							A. D. TO RECOAT IN
							REMARKS:
							FORMULATOR
YIELD							

GLD060612

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT %	Oxford-Pressure-Dress 10-16-61 ②
		VEHICLE %	J-Enamel, Flat 2-22-62 ①
		PIGMENT	#2-4-5 3-1-62
		VEHICLE	