

JUNE 2010

## ZAR DECK AND SIDING STAIN TINTING FORMULATION

MATCHING: ZAR SOLID DECK AND SIDING STAIN COLORS

SYSTEM: **PORTER (PPG)** USING 48 INCREMENTS PER FLUID OUNCE

EXPLANATION OF NOTATION: The amount of colorant to be added is listed in two columns under the container size. The first column under OZ. lists the number(s) of full fluid ounces of colorant to add. If a zero appears in this column, no full fluid ounces are added, only fractions of a fluid ounce. The second column under the heading 48, lists the number(s) of fractions, 48ths, of a fluid ounce to add. If a zero appears in this column, no fractions are added, only full fluid ounces. If you have any questions on these formulas please contact UGL at 1-800-845-5227 before starting to tint.

IMPORTANT: Due to the differences between the pigment used in the ready-mixed colors and those used in tinting systems, minor variations are possible. For this reason, store-tinted colors should NOT be used to complete a job started with ready-mixed colors or vice versa.

UGL can only control colors of their own manufacture. Therefore, we CANNOT guarantee that the formulas as indicated will be exact matches. Colors as listed represent our matches to color chips. It is advisable to PRE-DETERMINE the formulas, as being used, will provide the proper color match. UGL cannot assume any responsibility for any changes in shade that may occur.

### COLORANTS

- B - Lamp Black
- C - Yellow Oxide
- D - Thalo Green
- E - Thalo Blue
- F- Red Iron Oxide
- G – Durable Yellow
- L - Raw Umber
- M – Durable Red
- W – Titanium White

## ZAR SOLID DECK & SIDING STAIN COLORS – PORTER (PPG)

### BEECHWOOD GRAY 894

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	11	B-Lamp Black	0	44	B-Lamp Black	4	28
C-Yellow Oxide	0	14	C-Yellow Oxide	1	8	C-Yellow Oxide	5	40
L-Raw Umber	0	46.5	L-Raw Umber	3	42	L-Raw Umber	19	18

### BEIGE 885

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	0	14	C-Yellow Oxide	1	8	C-Yellow Oxide	5	40
F-Red Iron Oxide	0	1	F-Red Iron Oxide	0	4	F-Red Iron Oxide	0	20
L-Raw Umber	0	19	L-Raw Umber	1	28	L-Raw Umber	7	44

### BLACK CANYON 878

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	2	11	B-Lamp Black	8	44	B-Lamp Black	44	28

### BUTTERNUT 892

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	15	B-Lamp Black	1	12	B-Lamp Black	6	12
F-Red Iron Oxide	0	10	F-Red Iron Oxide	0	40	F-Red Iron Oxide	4	8
G-Durable Yellow	1	15	G-Durable Yellow	5	12	G-Durable Yellow	26	12
W-Titanium White	0	20	W-Titanium White	1	32	W-Titanium White	8	16

### CALIFORNIA RUSTIC 890

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	8	B-Lamp Black	0	32	B-Lamp Black	3	16
C-Yellow Oxide	0	36	C-Yellow Oxide	3	0	C-Yellow Oxide	15	0
F-Red Iron Oxide	0	32	F-Red Iron Oxide	2	32	F-Red Iron Oxide	13	16
W-Titanium White	0	5	W-Titanium White	0	20	W-Titanium White	2	4

## ZAR SOLID DECK & SIDING STAIN COLORS – PORTER (PPG)

### CAPE COD GRAY 877

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	21	B-Lamp Black	1	36	B-Lamp Black	8	36
C-Yellow Oxide	0	4	C-Yellow Oxide	0	16	C-Yellow Oxide	1	32
F-Red Iron Oxide	0	1	F-Red Iron Oxide	0	4	F-Red Iron Oxide	0	20

### CEDARWOOD 882

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	7.5	B-Lamp Black	0	30	B-Lamp Black	3	6
C-Yellow Oxide	1	9	C-Yellow Oxide	4	36	C-Yellow Oxide	23	36
F-Red Iron Oxide	0	7	F-Red Iron Oxide	0	28	F-Red Iron Oxide	2	44

### CHOCOLATE 872

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	21	B-Lamp Black	1	36	B-Lamp Black	8	36
C-Yellow Oxide	1	8	C-Yellow Oxide	4	32	C-Yellow Oxide	23	16
F-Red Iron Oxide	0	10	F-Red Iron Oxide	0	40	F-Red Iron Oxide	4	8
W-Titanium White	0	6	W-Titanium White	0	24	W-Titanium White	2	24

### COLONIAL YELLOW 875

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	1	26	C-Yellow Oxide	6	8	C-Yellow Oxide	30	40
L-Raw Umber	0	13	L-Raw Umber	1	4	L-Raw Umber	5	20

### DEEP CHARCOAL 891

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	27	B-Lamp Black	2	12	B-Lamp Black	11	12
D-Thalo Green	0	0.5	D-Thalo Green	0	2	D-Thalo Green	0	10
L-Raw Umber	0	7	L-Raw Umber	0	28	L-Raw Umber	2	44
W-Titanium White	0	12	W-Titanium White	1	0	W-Titanium White	5	0

## ZAR SOLID DECK & SIDING STAIN COLORS – PORTER (PPG)

### DEEP DESERT SAND 849

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	11	B-Lamp Black	0	44	B-Lamp Black	4	28
C-Yellow Oxide	0	21	C-Yellow Oxide	1	36	C-Yellow Oxide	8	36
M-Durable Red	0	11.5	M-Durable Red	0	46	M-Durable Red	4	38

### DESERT SAND 879

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	0	9	C-Yellow Oxide	0	36	C-Yellow Oxide	3	36
F-Red Iron Oxide	0	2	F-Red Iron Oxide	0	8	F-Red Iron Oxide	0	40
L-Raw Umber	0	30	L-Raw Umber	2	24	L-Raw Umber	12	24

### FAWN 869

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	0	42	C-Yellow Oxide	3	24	C-Yellow Oxide	17	24
F-Red Iron Oxide	0	3	F-Red Iron Oxide	0	12	F-Red Iron Oxide	1	12
L-Raw Umber	1	15	L-Raw Umber	5	12	L-Raw Umber	26	12

### GEORGETOWN GRAY 893

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	22.5	B-Lamp Black	1	42	B-Lamp Black	9	18
D-Thalo Green	0	7.5	D-Thalo Green	0	30	D-Thalo Green	3	6
L-Raw Umber	0	12	L-Raw Umber	1	0	L-Raw Umber	5	0

### HUNTER GREEN 874

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
F-Red Iron Oxide	0	12	F-Red Iron Oxide	1	0	F-Red Iron Oxide	5	0
D-Thalo Green	1	32.5	D-Thalo Green	6	34	D-Thalo Green	33	26
G-Durable Yellow	0	41.5	G-Durable Yellow	3	22	G-Durable Yellow	17	14
W-Titanium White	0	10.5	W-Titanium White	0	42	W-Titanium White	4	18

## ZAR SOLID DECK & SIDING STAIN COLORS – PORTER (PPG)

### MAHOGANY 889

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
E-Thalo Blue	0	18.5	E-Thalo Blue	1	26	E-Thalo Blue	7	34
G-Durable Yellow	0	13.5	G-Durable Yellow	1	6	G-Durable Yellow	5	30
M-Durable Red	1	28	M-Durable Red	6	16	M-Durable Red	31	32

### MANOR BROWN 871

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	1	37.5	B-Lamp Black	7	6	B-Lamp Black	35	30
C-Yellow Oxide	0	38	C-Yellow Oxide	3	8	C-Yellow Oxide	15	40
F-Red Iron Oxide	0	11	F-Red Iron Oxide	0	44	F-Red Iron Oxide	4	28
W-Titanium White	0	9.5	W-Titanium White	0	38	W-Titanium White	3	46

### NAVAJO WHITE 884

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	3	B-Lamp Black	0	12	B-Lamp Black	1	12
C-Yellow Oxide	0	9	C-Yellow Oxide	0	36	C-Yellow Oxide	3	36
F-Red Iron Oxide	0	0.5	F-Red Iron Oxide	0	2	F-Red Iron Oxide	0	10

### NEW PILGRIM RED 866

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	14	B-Lamp Black	1	8	B-Lamp Black	5	40
F-Red Iron Oxide	0	0.5	F-Red Iron Oxide	0	6	F-Red Iron Oxide	0	30
M-Durable Red	1	44	M-Durable Red	7	32	M-Durable Red	38	16

### PARCHMENT 867

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	0	15	C-Yellow Oxide	1	12	C-Yellow Oxide	6	12
L-Raw Umber	0	5	L-Raw Umber	0	20	L-Raw Umber	2	4

## ZAR SOLID DECK & SIDING STAIN COLORS – PORTER (PPG)

### PILGRMI BLUE 881

**811 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	18	B-Lamp Black	1	24	B-Lamp Black	7	24
C-Yellow Oxide	0	1	C-Yellow Oxide	0	4	C-Yellow Oxide	0	20
E-Thalo Blue	0	14	E-Thalo Blue	1	8	E-Thalo Blue	5	40

### PLATINUM 883

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	4	B-Lamp Black	0	16	B-Lamp Black	1	32
C-Yellow Oxide	0	7.5	C-Yellow Oxide	0	30	C-Yellow Oxide	3	6
M-Durable Red	0	2	M-Durable Red	0	8	M-Durable Red	0	40

### PRAIRIE GOLD 847

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	0	39	C-Yellow Oxide	3	12	C-Yellow Oxide	16	12
L-Raw Umber	0	10	L-Raw Umber	0	40	L-Raw Umber	4	8
G-Durable Yellow	0	39	G-Durable Yellow	3	12	G-Durable Yellow	16	12
M-Durable Red	0	1	M-Durable Red	0	4	M-Durable Red	0	20

### PRAIRE YELLOW 880

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	2	B-Lamp Black	0	8	B-Lamp Black	0	40
C-Yellow Oxide	0	16	C-Yellow Oxide	1	16	C-Yellow Oxide	6	32
G-Durable Yellow	0	13.5	G-Durable Yellow	1	6	G-Durable Yellow	5	30

### SABLE 876

**812 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	14	B-Lamp Black	1	8	B-Lamp Black	5	40
C-Yellow Oxide	0	12	C-Yellow Oxide	1	0	C-Yellow Oxide	5	0
F-Red Iron Oxide	0	12	F-Red Iron Oxide	1	0	F-Red Iron Oxide	5	0

## ZAR SOLID DECK & SIDING STAIN COLORS – PORTER (PPG)

### SAGE 846

#### 811 BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	4	B-Lamp Black	1	16	B-Lamp Black	1	32
C-Yellow Oxide	0	21	C-Yellow Oxide	1	36	C-Yellow Oxide	8	36
E-Thalo Blue	0	7	E-Thalo Blue	0	28	E-Thalo Blue	2	44

### SALEM TAN 887

#### 811 BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	2.5	B-Lamp Black	0	10	B-Lamp Black	1	2
C-Yellow Oxide	0	12	C-Yellow Oxide	1	0	C-Yellow Oxide	5	0
F-Red Iron Oxide	0	0.5	F-Red Iron Oxide	0	2	F-Red Iron Oxide	0	10

### SANDPIPER 886

#### 811 BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	5	B-Lamp Black	0	20	B-Lamp Black	2	4
C-Yellow Oxide	0	11	C-Yellow Oxide	0	44	C-Yellow Oxide	4	28
F-Red Iron Oxide	0	0.5	F-Red Iron Oxide	0	2	F-Red Iron Oxide	0	10

### SEAFOAM 888

#### 811 BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	4	B-Lamp Black	0	16	B-Lamp Black	1	32
C-Yellow Oxide	0	21	C-Yellow Oxide	1	36	C-Yellow Oxide	8	36
E-Thalo Blue	0	7	E-Thalo Blue	0	28	E-Thalo Blue	2	44

### SIERRA REDWOOD 873

#### 812 BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
E-Thalo Blue	0	13	E-Thalo Blue	1	4	E-Thalo Blue	5	20
F-Red Iron Oxide	1	40	F-Red Iron Oxide	7	16	F-Red Iron Oxide	36	32
M-Durable Red	0	1	M-Durable Red	0	4	M-Durable Red	0	20
W-Titanium White	0	7	W-Titanium White	0	28	W-Titanium White	2	44

## ZAR SOLID DECK & SIDING STAIN COLORS – PORTER (PPG)

### STONEHEDGE 868

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	22	B-Lamp Black	1	40	B-Lamp Black	9	8
E-Thalo Blue	0	0.5	E-Thalo Blue	0	2	E-Thalo Blue	0	10
L-Raw Umber	0	22	L-Raw Umber	1	40	L-Raw Umber	9	8

### WINTER WHITE 870

**810 BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	0	1	C-Yellow Oxide	0	4	C-Yellow Oxide	0	20
L-Raw Umber	0	1.5	L-Raw Umber	0	6	L-Raw Umber	0	30