

JANUARY 2011

ZAR DECK AND SIDING STAIN TINTING FORMULATION

MATCHING: ZAR SOLID DECK AND SIDING STAIN COLORS

SYSTEM: **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
- V – Violet
- W – Titanium White

ZAR SOLID DECK & SIDING STAIN COLORS – PPG

BEECHWOOD GRAY 894

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	19	B-Lamp Black	1	28	B-Lamp Black	7	44
C-Yellow Oxide	0	23.5	C-Yellow Oxide	1	46	C-Yellow Oxide	9	38
F-Red Iron Oxide	0	2	F-Red Iron Oxide	0	8	F-Red Iron Oxide	0	40

BEIGE 885

811 MEDIUM 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 DARK 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 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	12	B-Lamp Black	1	0	B-Lamp Black	5	0
F-Red Iron Oxide	0	7	F-Red Iron Oxide	0	28	F-Red Iron Oxide	2	44
G-Durable Yellow	0	46	G-Durable Yellow	3	40	G-Durable Yellow	19	8
W-Titanium White	0	16	W-Titanium White	1	16	W-Titanium White	6	32

CALIFORNIA RUSTIC 890

812 DARK 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 – PPG

CAPE COD GRAY 877

810 LIGHT 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 MEDIUM 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 DARK 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 MEDIUM 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 DARK 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 – PPG

DEEP DESERT SAND 849

811 MEDIUM 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 MEDIUM 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 MEDIUM 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
F-Red Iron Oxide	0	7	F-Red Iron Oxide	0	28	F-Red Iron Oxide	2	44
G - Durable Yellow	1	8	G - Durable Yellow	4	32	G - Durable Yellow	23	16

GEORGETOWN GRAY 893

811 MEDIUM 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 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	33	B-Lamp Black	2	36	B-Lamp Black	13	36
D-Thalo Green	0	13	D-Thalo Green	1	4	D-Thalo Green	5	20
G-Durable Yellow	1	3	G-Durable Yellow	4	12	G-Durable Yellow	21	12
W-Titanium White	0	10	W-Titanium White	0	40	W-Titanium White	4	8

ZAR SOLID DECK & SIDING STAIN COLORS – PPG

MAHOGANY 889

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	1	14	B-Lamp Black	5	8	B-Lamp Black	25	40
F-Red Iron Oxide	0	17	F-Red Iron Oxide	1	20	F-Red Iron Oxide	7	4
V - Violet	0	19	V - Violet	1	28	V - Violet	7	44
W-Titanium White	0	7	W-Titanium White	0	20	W-Titanium White	2	4

MANOR BROWN 871

812 DARK 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
F-Red Iron Oxide	0	2.5	F-Red Iron Oxide	0	10	F-Red Iron Oxide	1	2
L-Raw Umber	2	26	L-Raw Umber	10	8	L-Raw Umber	50	40
W-Titanium White	0	9	W-Titanium White	0	36	W-Titanium White	3	36

NAVAJO WHITE 884

810 LIGHT 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 DARK 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 LIGHT 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 – PPG

PILGRIM BLUE 881

811 MEDIUM 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 LIGHT 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 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C-Yellow Oxide	0	46	C-Yellow Oxide	3	40	C-Yellow Oxide	19	8
G-Durable Yellow	0	13	G-Durable Yellow	1	4	G-Durable Yellow	5	20
L-Raw Umber	0	10	L-Raw Umber	0	40	L-Raw Umber	4	8

PRAIRE YELLOW 880

810 LIGHT 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 DARK 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 – PPG

SAGE 846

811 MEDIUM 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 MEDIUM 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 MEDIUM 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 MEDIUM 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 DARK 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
F-Red Iron Oxide	0	40	F-Red Iron Oxide	3	16	F-Red Iron Oxide	16	32
V - Violet	0	14	V - Violet	1	8	V - Violet	5	40
W-Titanium White	0	7	W-Titanium White	0	28	W-Titanium White	2	44

ZAR SOLID DECK & SIDING STAIN COLORS – PPG

STONEHEDGE 868

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B-Lamp Black	0	26.5	B-Lamp Black	2	10	B-Lamp Black	11	2
C-Yellow Oxide	0	4	C-Yellow Oxide	0	16	C-Yellow Oxide	1	32

WINTER WHITE 870

810 LIGHT 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