

JULY 2015

ZAR SOLID DECK AND SIDING STAIN TINTING FORMULATION

MATCHING: ZAR SOLID DECK AND SIDING EXTERIOR STAIN

SYSTEM: **VALSPAR NOVOCOLOR II** USING **48TH** 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 48ths, 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

AXN – Yellow
B – Lamp Black
C – Yellow Oxide
D – Thalo Green
E – Thalo Green
F – Red Oxide
KX – White
L – Raw Umber
M – Magenta
S – Red
T – Medium Yellow

ZAR SOLID DECK & SIDING STAIN COLORS – VALSPAR NOVOCOLOR II

BEECHWOOD GRAY 894

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	16 ½	B – Lamp Black	1	18	B – Lamp Black	6	42
C – Yellow Oxide	0	22	C – Yellow Oxide	1	40	C – Yellow Oxide	9	8
F – Red Oxide	0	1	F – Red Oxide	0	4	F – Red Oxide	0	20
KX - White	0	3	KX - White	0	12	KX - White	1	12

BEIGE 885

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
C – Yellow Oxide	0	16	C – Yellow Oxide	1	16	C – Yellow Oxide	6	32
F – Red Oxide	0	1	F – Red Oxide	0	4	F – Red Oxide	0	20
L – Raw Umber	0	18	L – Raw Umber	1	24	L – Raw Umber	7	24

BLACK CANYON 878

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	1	36	B – Lamp Black	7	0	B – Lamp Black	35	0
D – Thalo Green	0	5	D – Thalo Green	0	20	D – Thalo Green	2	4
KX – White	0	2	KX – White	0	8	KX – White	0	40

BUTTERNUT 892

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
AXN – Yellow	1	2	AXN – Yellow	4	8	AXN – Yellow	20	40
B – Lamp Black	0	13	B – Lamp Black	1	4	B – Lamp Black	5	20
F – Red Oxide	0	8	F – Red Oxide	0	32	F – Red Oxide	3	16
KX – White	0	27	KX – White	2	12	KX – White	11	12

CALIFORNIA RUSTIC 890

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	5	B – Lamp Black	0	20	B – Lamp Black	2	4
F – Red Oxide	0	24	F – Red Oxide	2	0	F – Red Oxide	10	0
T – Medium Yellow	0	18	T – Medium Yellow	1	24	T – Medium Yellow	7	24
KX - White	0	12	KX - White	1	0	KX - White	5	0

ZAR SOLID DECK & SIDING STAIN COLORS – VALSPAR NOVOCOLOR II

CAPE COD GRAY 877

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	13 ½	B – Lamp Black	1	6	B – Lamp Black	5	30
C – Yellow Oxide	0	2 ½	C – Yellow Oxide	0	10	C – Yellow Oxide	1	2
L – Raw Umber	0	15	L – Raw Umber	1	12	L – Raw Umber	6	12

CEDARWOOD 882

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
C – Yellow Oxide	0	37	C – Yellow Oxide	3	4	C – Yellow Oxide	15	20
F – Red Oxide	0	5 ½	F – Red Oxide	0	22	F – Red Oxide	2	14
L – Raw Umber	1	2	L – Raw Umber	4	8	L – Raw Umber	20	40

CHOCOLATE 872

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
C – Yellow Oxide	0	20	C – Yellow Oxide	1	32	C – Yellow Oxide	8	16
F – Red Oxide	0	5	F – Red Oxide	0	20	F – Red Oxide	2	4
L – Raw Umber	2	12	L – Raw Umber	9	0	L – Raw Umber	45	0
KX – White	0	10	KX – White	0	40	KX – White	4	8

COLONIAL YELLOW 875

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	2 ½	B – Lamp Black	0	10	B – Lamp Black	1	2
C – Yellow Oxide	2	0	C -Yellow Oxide	8	0	C – Yellow Oxide	40	0
S – Red	0	1	S - Red	0	4	S – Red	0	20

DEEP CHARCOAL 891

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
AXN – Yellow	0	2	AXN – Yellow	0	8	AXN – Yellow	0	40
B – Lamp Black	0	35	B – Lamp Black	2	44	B – Lamp Black	14	28
L – Raw Umber	0	20	L – Raw Umber	1	32	L – Raw Umber	8	16
KX - White	0	28	KX - White	2	16	KX - White	11	32

ZAR SOLID DECK & SIDING STAIN COLORS – VALSPAR NOVOCOLOR II

DEEP DESERT SAND 849

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	11	B – Lamp Black	0	44	B – Lamp Black	4	28
C – Yellow Oxide	0	24	C – Yellow Oxide	2	0	C – Yellow Oxide	10	0
F – Red Oxide	0	1	F – Red Oxide	0	4	F – Red Oxide	0	20
M – Magenta	0	6	M – Magenta	0	24	M – Magenta	2	24

FAWN 869

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	14 ½	B – Lamp Black	1	10	B – Lamp Black	6	2
C – Yellow Oxide	1	10	C – Yellow Oxide	4	40	C – Yellow Oxide	24	8
F – Red Oxide	0	8	F – Red Oxide	0	32	F – Red Oxide	3	16
KX – White	0	38	KX – White	3	8	KX – White	15	40

GEORGETOWN GRAY 893

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
D – Thalo Green	0	1 ½	D – Thalo Green	0	6	D – Thalo Green	0	30
E – Thalo Blue	0	21	E – Thalo Blue	1	36	E – Thalo Blue	8	36
L – Raw Umber	1	24	L – Raw Umber	6	0	L – Raw Umber	30	0
KX – White	0	9	KX – White	0	36	KX – White	3	36

HUNTER GREEN 874

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
AXN – Yellow	0	38	AXN – Yellow	3	8	AXN – Yellow	15	40
B – Lamp Black	0	22	B – Lamp Black	1	40	B – Lamp Black	9	8
D – Thalo Green	0	20	D – Thalo Green	1	32	D – Thalo Green	8	16
KX – White	0	13	KX – White	1	4	KX – White	5	20

MAHOGANY 889

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	31	B – Lamp Black	2	28	B – Lamp Black	12	44
F – Red Oxide	0	10	F – Red Oxide	0	40	F – Red Oxide	4	8
M – Magenta	0	9	M – Magenta	0	36	M – Magenta	3	36
KX – White	0	6	KX – White	0	24	KX – White	2	24

ZAR SOLID DECK & SIDING STAIN COLORS – VALSPAR NOVOCOLOR II

MANOR BROWN 871

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	11	B – Lamp Black	0	44	B – Lamp Black	4	28
L – Raw Umber	2	8	L – Raw Umber	8	32	L – Raw Umber	43	16
S – Red	0	3	S – Red	0	12	S – Red	1	12
KX – White	0	12	KX – White	1	0	KX – White	5	0

NAVAJO WHITE 884

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	½	B – Lamp Black	0	2	B – Lamp Black	0	10
C – Yellow Oxide	0	9	C – Yellow Oxide	0	36	C – Yellow Oxide	3	36
L – Raw Umber	0	12	L – Raw Umber	1	0	L – Raw Umber	5	0

NEW PILGRIM RED 866

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	21 ½	B – Lamp Black	1	38	B – Lamp Black	8	46
F – Red Oxide	0	20 ½	F – Red Oxide	1	34	F – Red Oxide	8	26
M – Magenta	0	20	M – Magenta	1	32	M – Magenta	8	16
KX – White	0	4	KX – White	0	16	KX – White	1	32

PARCHMENT 867

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
C – Yellow Oxide	0	15	C – Yellow Oxide	1	12	C – Yellow Oxide	6	8
L – Raw Umber	0	4	L – Raw Umber	0	8	L – Raw Umber	1	32

PILGRIM BLUE 881

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	11	B – Lamp Black	0	44	B – Lamp Black	4	28
E – Thalo Blue	0	17	E – Thalo Blue	1	20	E – Thalo Blue	7	4
L – Raw Umber	0	3	L – Raw Umber	0	12	L – Raw Umber	1	12

ZAR SOLID DECK & SIDING STAIN COLORS – VALSPAR NOVOCOLOR II

PLATINUM 883

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	5 ½	B – Lamp Black	0	22	B – Lamp Black	2	14
C – Yellow Oxide	0	12	C – Yellow Oxide	1	0	C – Yellow Oxide	5	0
M – Magenta	0	1	M – Magenta	0	4	M – Magenta	0	20

PRAIRE GOLD 847

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
AXN – Yellow	0	7	AXN – Yellow	0	28	AXN – Yellow	2	44
C – Yellow Oxide	1	6	C – Yellow Oxide	4	24	C – Yellow Oxide	22	24
L – Raw Umber	0	14	L – Raw Umber	1	8	L – Raw Umber	5	40

SABLE 876

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	14	B – Lamp Black	1	8	B – Lamp Black	5	40
F – Red Oxide	0	22	F – Red Oxide	1	40	F – Red Oxide	9	8
T – Medium Yellow	0	8	T – Medium Yellow	0	32	T – Medium Yellow	3	16
KX - White	0	10	KX - White	0	40	KX - White	4	8

SAGE 846

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
C – Yellow Oxide	0	8	C – Yellow Oxide	0	32	C – Yellow Oxide	3	16
D – Thalo Green	0	4 ½	D – Thalo Green	0	18	D – Thalo Green	1	42
L – Raw Umber	0	37	L – Raw Umber	3	4	L – Raw Umber	15	20

SALEM TAN 887

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
C – Yellow Oxide	0	11	C – Yellow Oxide	0	44	C – Yellow Oxide	4	28
L – Raw Umber	0	9	L – Raw Umber	0	36	L – Raw Umber	3	36
M – Magenta	0	½	M – Magenta	0	2	M – Magenta	0	10

ZAR SOLID DECK & SIDING STAIN COLORS – VALSPAR NOVOCOLOR II

SANDPIPER 886

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	4	B – Lamp Black	0	16	B – Lamp Black	1	32
C – Yellow Oxide	0	13	C – Yellow Oxide	1	4	C – Yellow Oxide	5	20
S – Red	0	1 ½	S – Red	0	6	S – Red	0	30

SIERRA REDWOOD 873

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
F – Red Oxide	0	20	F – Red Oxide	1	32	F – Red Oxide	8	16
L – Raw Umber	1	10	L – Raw Umber	4	40	L – Raw Umber	24	8
M – Magenta	0	18	M – Magenta	1	24	M – Magenta	7	24
KX – White	0	16	KX – White	1	16	KX – White	6	32

STONEHEDGE 868

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
B – Lamp Black	0	12	B – Lamp Black	1	0	B – Lamp Black	5	0
E – Thalo Blue	0	1	E – Thalo Blue	0	4	E – Thalo Blue	0	20
L – Raw Umber	0	2	L – Raw Umber	0	8	L – Raw Umber	0	40
KX – White	0	4	KX – White	0	16	KX – White	1	32

WHITE 865

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
KX – White	0	6	KX – White	0	24	KX – White	2	24

WINTER WHITE 870

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48ths	Colorant	OZS.	48ths	Colorant	OZS.	48ths
C – Yellow Oxide	0	2	C – Yellow Oxide	0	8	C – Yellow Oxide	0	40
L – Raw Umber	0	1 ½	L – Raw Umber	0	6	L – Raw Umber	0	30