

OCTOBER 2013

ZAR SOLID DECK AND SIDING STAIN TINTING FORMULATION

MATCHING: ZAR SOLID DECK AND SIDING EXTERIOR STAIN

SYSTEM: **ACE NOVOCOLORS** USING **384TH** 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 384ths, lists the number(s) of fractions, 384ths, 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

AXXN - Orange Yellow

B - Lamp Black

C - Yellow Oxide

D - Thalo Green

E - Thalo Blue

F- Red Oxide

I – Brown Oxide

KX - White

L - Raw Umber

OO – Orange

RR – Exterior Red

TT – Medium Yellow

ZAR SOLID DECK & SIDING STAIN COLORS – ACE NOVOCOLOR SYSTEM

BEECHWOOD GRAY 894

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	136	B - Lamp Black	1	160	B - Lamp Black	7	32
C -Yellow Oxide	0	176	C -Yellow Oxide	1	320	C -Yellow Oxide	9	64
F - Red Oxide	0	8	F - Red Oxide	0	32	F - Red Oxide	0	160

BEIGE 885

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
C -Yellow Oxide	0	128	C -Yellow Oxide	1	128	C -Yellow Oxide	6	256
F - Red Oxide	0	8	F - Red Oxide	0	32	F - Red Oxide	0	160
L - Raw Umber	0	144	L - Raw Umber	1	192	L - Raw Umber	7	192

BLACK CANYON 878

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	1	288	B - Lamp Black	7	0	B - Lamp Black	35	0
D - Thalo Green	0	40	D - Thalo Green	0	160	D - Thalo Green	2	32
KX - White	0	16	KX - White	0	64	KX - White	0	320

BUTTERNUT 892

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
AXXN – Orange Yel	0	176	AXXN – Orange Yel	1	320	AXXN – Orange Yel	9	64
B - Lamp Black	0	104	B - Lamp Black	1	32	B - Lamp Black	5	160
F - Red Oxide	0	56	F - Red Oxide	0	224	F - Red Oxide	2	352
KX - White	0	176	KX - White	1	320	KX - White	9	64

CALIFORNIA RUSTIC 890

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	64	B - Lamp Black	0	256	B - Lamp Black	3	128
F - Red Oxide	1	0	F - Red Oxide	4	0	F - Red Oxide	20	0
TT - Med. Yellow	0	112	TT - Med. Yellow	1	64	TT - Med. Yellow	5	320
KX - White	0	200	KX - White	2	32	KX - White	10	160

ZAR SOLID DECK & SIDING STAIN COLORS – ACE NOVOCOLOR SYSTEM

CAPE COD GRAY 877

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	144	B - Lamp Black	1	192	B - Lamp Black	7	192
C -Yellow Oxide	0	20	C -Yellow Oxide	0	80	C -Yellow Oxide	1	16
L - Raw Umber	0	120	L - Raw Umber	1	96	L - Raw Umber	6	96

CEDARWOOD 882

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
C -Yellow Oxide	0	296	C -Yellow Oxide	3	32	C -Yellow Oxide	15	160
F - Red Oxide	0	44	F - Red Oxide	0	176	F - Red Oxide	2	112
L - Raw Umber	1	16	L - Raw Umber	4	64	L - Raw Umber	20	320

CHOCOLATE 872

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
C -Yellow Oxide	0	160	C -Yellow Oxide	1	256	C -Yellow Oxide	8	128
F - Red Oxide	0	40	F - Red Oxide	0	160	F - Red Oxide	2	32
L - Raw Umber	2	96	L - Raw Umber	9	0	L - Raw Umber	45	0
KX - White	0	80	KX - White	0	320	KX - White	4	64

COLONIAL YELLOW 875

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	20	B - Lamp Black	0	80	B - Lamp Black	1	16
C -Yellow Oxide	2	0	C -Yellow Oxide	8	0	C -Yellow Oxide	40	0
RR - Exterior Red	0	8	RR - Exterior Red	0	32	RR - Exterior Red	0	160

DEEP CHARCOAL 891

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
AXXN – Orange Yel	0	16	AXXN – Orange Yel	0	64	AXXN – Orange Yel	0	320
B - Lamp Black	0	280	B - Lamp Black	2	352	B - Lamp Black	14	224
L - Raw Umber	0	160	L - Raw Umber	1	256	L - Raw Umber	8	128
KX - White	0	80	KX - White	0	320	KX - White	4	64

ZAR SOLID DECK & SIDING STAIN COLORS – ACE NOVOCOLOR SYSTEM

DEEP DESERT SAND 849

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	88	B - Lamp Black	0	352	B - Lamp Black	4	224
C -Yellow Oxide	0	224	C -Yellow Oxide	2	128	C -Yellow Oxide	11	256
MM - Magenta	0	52	MM - Magenta	0	208	MM - Magenta	2	272

FAWN 869

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	88	B - Lamp Black	0	352	B - Lamp Black	4	224
F - Red Oxide	0	40	F - Red Oxide	0	160	F - Red Oxide	2	32
TT - Med. Yellow	0	128	TT - Med. Yellow	1	128	TT - Med. Yellow	6	256

GEORGETOWN GRAY 893

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
D - Thalo Green	0	12	D - Thalo Green	0	48	D - Thalo Green	0	240
E - Thalo Blue	0	160	E - Thalo Blue	1	256	E - Thalo Blue	8	128
L – Raw Umber	1	192	L – Raw Umber	6	0	L – Raw Umber	30	0

HUNTER GREEN 874

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
AXXN – Orange Yel	0	152	AXXN – Orange Yel	1	224	AXXN – Orange Yel	7	352
B - Lamp Black	0	192	B - Lamp Black	2	0	B - Lamp Black	10	0
D - Thalo Green	0	144	D - Thalo Green	1	192	D - Thalo Green	7	192
KX - White	0	80	KX - White	0	320	KX - White	4	64

MAHOGANY 889

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	288	B - Lamp Black	3	0	B - Lamp Black	15	0
F - Red Oxide	0	80	F - Red Oxide	0	320	F - Red Oxide	4	64
MM - Magenta	0	80	MM - Magenta	0	320	MM - Magenta	4	64
KX - White	0	32	KX - White	0	128	KX - White	1	256

ZAR SOLID DECK & SIDING STAIN COLORS – ACE NOVOCOLOR SYSTEM

MANOR BROWN 871

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	88	B - Lamp Black	0	352	B - Lamp Black	4	224
L - Raw Umber	2	64	L - Raw Umber	8	256	L - Raw Umber	43	128
RR - Exterior Red	0	24	RR - Exterior Red	0	96	RR - Exterior Red	1	96
KX - White	0	96	KX - White	1	0	KX - White	5	0

NAVAJO WHITE 884

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	4	B - Lamp Black	0	16	B - Lamp Black	0	80
C -Yellow Oxide	0	72	C -Yellow Oxide	0	288	C -Yellow Oxide	3	288
L - Raw Umber	0	96	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.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	176	B - Lamp Black	1	320	B - Lamp Black	9	64
F - Red Oxide	0	160	F - Red Oxide	1	256	F - Red Oxide	8	128
MM - Magenta	0	160	MM - Magenta	1	256	MM - Magenta	8	128
KX - White	0	16	KX - White	0	64	KX - White	0	320

PARCHMENT 867

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
C -Yellow Oxide	0	120	C -Yellow Oxide	1	96	C -Yellow Oxide	6	96
L - Raw Umber	0	32	L - Raw Umber	0	128	L - Raw Umber	1	256

PILGRIM BLUE 881

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	88	B - Lamp Black	0	352	B - Lamp Black	4	224
E - Thalo Blue	0	136	E - Thalo Blue	1	160	E - Thalo Blue	7	32
L - Raw Umber	0	24	L - Raw Umber	0	96	L - Raw Umber	1	96

ZAR SOLID DECK & SIDING STAIN COLORS – ACE NOVOCOLOR SYSTEM

PLATINUM 883

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	44	B - Lamp Black	0	176	B - Lamp Black	2	112
C -Yellow Oxide	0	96	C -Yellow Oxide	1	0	C -Yellow Oxide	5	0
MM - Magenta	0	8	MM - Magenta	0	32	MM - Magenta	0	160

PRAIRE GOLD 847

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
AXXN – Orange Yel	0	56	AXXN – Orange Yel	0	224	AXXN – Orange Yel	2	352
C -Yellow Oxide	1	48	C -Yellow Oxide	4	192	C -Yellow Oxide	22	192
L – Raw Umber	0	112	L – Raw Umber	1	64	L – Raw Umber	5	320

SABLE 876

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	160	B - Lamp Black	1	256	B - Lamp Black	8	128
F - Red Oxide	0	240	F - Red Oxide	2	192	F - Red Oxide	12	192
TT - Med. Yellow	0	32	TT - Med. Yellow	0	128	TT - Med. Yellow	1	256
KX - White	0	72	KX - White	0	288	KX - White	3	288

SAGE 846

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
C -Yellow Oxide	0	64	C -Yellow Oxide	0	256	C -Yellow Oxide	3	128
D - Thalo Green	0	36	D - Thalo Green	0	144	D - Thalo Green	1	336
L - Raw Umber	0	296	L - Raw Umber	3	32	L - Raw Umber	15	160

SALEM TAN 887

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
C -Yellow Oxide	0	88	C -Yellow Oxide	0	352	C -Yellow Oxide	4	224
L - Raw Umber	0	72	L - Raw Umber	0	288	L - Raw Umber	3	288
MM - Magenta	0	4	MM - Magenta	0	16	MM - Magenta	0	80

ZAR SOLID DECK & SIDING STAIN COLORS – ACE NOVOCOLOR SYSTEM

SANDPIPER 886

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	32	B - Lamp Black	0	128	B - Lamp Black	1	256
C -Yellow Oxide	0	104	C -Yellow Oxide	1	32	C -Yellow Oxide	5	160
RR - Exterior Red	0	12	RR - Exterior Red	0	48	RR - Exterior Red	0	240

SIERRA REDWOOD 873

812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
F - Red Oxide	0	160	F - Red Oxide	1	256	F - Red Oxide	8	128
L - Raw Umber	1	80	L - Raw Umber	4	320	L - Raw Umber	24	64
MM - Magenta	0	144	MM - Magenta	1	192	MM - Magenta	7	192
KX - White	0	128	KX - White	1	128	KX - White	6	256

STONEHEDGE 868

811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
B - Lamp Black	0	96	B - Lamp Black	1	0	B - Lamp Black	5	0
E - Thalo Blue	0	8	E - Thalo Blue	0	32	E - Thalo Blue	0	160
L - Raw Umber	0	16	L - Raw Umber	0	64	L - Raw Umber	0	320

WHITE 865

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
KX - White	0	48	KX - White	0	192	KX - White	2	192

WINTER WHITE 870

810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	384ths	Colorant	OZS.	384ths	Colorant	OZS.	384ths
C -Yellow Oxide	0	16	C -Yellow Oxide	0	64	C -Yellow Oxide	0	320
L - Raw Umber	0	12	L - Raw Umber	0	48	L - Raw Umber	0	240