

JANUARY 2016

NEW ZAR SEMI-TRANSPARENT DECK AND SIDING STAIN TINTING
FORMULATION

MATCHING: ZAR SEMI-TRANSPARENT DECK AND SIDING STAIN COLORS

ACE NOVOCOLOR HP: **ACE NOVOCOLOR HP** 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 ACE NOVOCOLOR HPs, 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 – Phthalo Green

E – Phthalo Blue

F – Red Oxide

KX – White

L – Raw Umber

MM – Magenta

RR – Fast Red

TT – Medium Yellow

**NEW ZAR 50 G/L SEMI TRANSPARENT DECK & SIDING STAIN –
ACE NOVOCOLOR HP**

ACORN BROWN

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	1	10	B – Lamp Black	4	40	B – Lamp Black	24	8
F – Red Oxide	0	25	F – Red Oxide	2	4	F – Red Oxide	10	20
KX – White	0	6	KX – White	0	24	KX – White	2	24

BARNBOARD

670 LIGHT 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	7	C – Yellow Oxide	0	28	C – Yellow Oxide	2	44
F – Red Oxide	0	1 ½	F – Red Oxide	0	6	F – Red Oxide	0	30
L – Raw Umber	0	8	L – Raw Umber	0	32	L – Raw Umber	3	16

BEECHWOOD GRAY

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	6	B – Lamp Black	0	24	B – Lamp Black	2	24
C – Yellow Oxide	0	8	C – Yellow Oxide	0	32	C – Yellow Oxide	3	16
F – Red Oxide	0	¾	F – Red Oxide	0	3	F – Red Oxide	0	15
L – Raw Umber	0	5	L – Raw Umber	0	20	L – Raw Umber	2	4

BEIGE

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	7	C – Yellow Oxide	0	28	C – Yellow Oxide	2	44
L – Raw Umber	0	10	L – Raw Umber	0	40	L – Raw Umber	4	8

BURLEY

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	32	B – Lamp Black	2	32	B – Lamp Black	13	16
F – Red Oxide	0	30	F – Red Oxide	2	24	F – Red Oxide	12	24
KX – White	0	4	KX – White	0	16	KX – White	1	32
MM – Magenta	0	10	MM – Magenta	0	40	MM – Magenta	4	8

**NEW ZAR 50 G/L SEMI TRANSPARENT DECK & SIDING STAIN –
ACE NOVOCOLOR HP**

BURNT WOODS

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	24	B – Lamp Black	2	0	B – Lamp Black	10	0
F – Red Oxide	0	36	F – Red Oxide	3	0	F – Red Oxide	15	0
KX – White	0	2	KX – White	0	8	KX – White	0	40
TT – Medium Yellow	0	7	TT – Medium Yellow	0	28	TT – Medium Yellow	2	44

CAPE COD GRAY

670 LIGHT 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	1 ½	C – Yellow Oxide	0	6	C – Yellow Oxide	0	30
L – Raw Umber	0	4	L – Raw Umber	0	16	L – Raw Umber	1	32

CEDARWOOD

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	20	C – Yellow Oxide	1	32	C – Yellow Oxide	8	16
F – Red Oxide	0	2 ¾	F – Red Oxide	0	11	F – Red Oxide	1	7
L – Raw Umber	0	12	L – Raw Umber	1	0	L – Raw Umber	5	0

DEEP CHARCOAL

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	20	B – Lamp Black	1	32	B – Lamp Black	8	16
E – Phthalo Blue	0	¾	E – Phthalo Blue	0	3	E – Phthalo Blue	0	15
KX – White	0	22	KX – White	1	40	KX – White	9	8
L – Raw Umber	0	12	L – Raw Umber	1	0	L – Raw Umber	5	0

DESERT SAND

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	5 ½	B – Lamp Black	0	22	B – Lamp Black	2	14
F – Red Oxide	0	2 ½	F – Red Oxide	0	10	F – Red Oxide	1	2
TT – Medium Yellow	0	7	TT – Medium Yellow	0	28	TT – Medium Yellow	2	44

**NEW ZAR 50 G/L SEMI TRANSPARENT DECK & SIDING STAIN –
ACE NOVOCOLOR HP**

FAWN

670 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	18	C – Yellow Oxide	1	24	C – Yellow Oxide	7	24
F – Red Oxide	0	2	F – Red Oxide	0	8	F – Red Oxide	0	40

FOREST GROVE

671 DARK 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	39	C – Yellow Oxide	3	12	C – Yellow Oxide	16	12
D – Phthalo Green	0	9	D – Phthalo Green	0	36	D – Phthalo Green	3	36
L – Raw Umber	0	1	L – Raw Umber	0	4	L – Raw Umber	0	20

GEORGETOWN GRAY

670 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
D – Phthalo Green	0	1	D – Phthalo Green	0	4	D – Phthalo Green	0	20
E – Phthalo Blue	0	8	E – Phthalo Blue	0	32	E – Phthalo Blue	3	16
L – Raw Umber	0	37	L – Raw Umber	3	4	L – Raw Umber	15	20

GOLDENDALE

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	20	C – Yellow Oxide	1	32	C – Yellow Oxide	8	16
L – Raw Umber	0	3 ½	L – Raw Umber	0	14	L – Raw Umber	1	22

LYNCHBURG GREEN

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	2	C – Yellow Oxide	0	8	C – Yellow Oxide	0	40
D – Phthalo Green	0	2	D – Phthalo Green	0	8	D – Phthalo Green	0	40
L – Raw Umber	0	10	L – Raw Umber	0	40	L – Raw Umber	4	8

**NEW ZAR 50 G/L SEMI TRANSPARENT DECK & SIDING STAIN –
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MAHOGANY

671 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 Oxide	0	10	F – Red Oxide	0	40	F – Red Oxide	4	8
KX – White	0	3	KX – White	0	12	KX – White	1	12
MM – Magenta	0	23	MM – Magenta	1	44	MM – Magenta	9	28

MANOR BROWN

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	17	B – Lamp Black	1	20	B – Lamp Black	7	4
F – Red Oxide	0	1 ½	F – Red Oxide	0	6	F – Red Oxide	0	30
KX – White	0	2	KX – White	0	8	KX – White	0	40
L – Raw Umber	0	44	L – Raw Umber	3	32	L – Raw Umber	18	16

NATURAL HONEY TONER

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	10	C – Yellow Oxide	0	40	C – Yellow Oxide	4	8
L – Raw Umber	0	1 1/8	L – Raw Umber	0	4 ½	L – Raw Umber	0	22 ½
RR – Fast Red	0	7/8	RR – Fast Red	0	3 ½	RR – Fast Red	0	17 ½

NATURAL REDWOOD TONER

671 DARK 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
F – Red Oxide	0	2 ½	F – Red Oxide	0	10	F – Red Oxide	1	2
L – Raw Umber	0	6 ½	L – Raw Umber	0	26	L – Raw Umber	2	34

NAVAJO WHITE

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	1 ½	C – Yellow Oxide	0	6	C – Yellow Oxide	0	30
L – Raw Umber	0	4	L – Raw Umber	0	16	L – Raw Umber	1	32

**NEW ZAR 50 G/L SEMI TRANSPARENT DECK & SIDING STAIN –
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PARCHMENT

670 LIGHT BASE

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

PILGRIM BLUE

670 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
E – Phthalo Blue	0	19	E – Phthalo Blue	1	28	E – Phthalo Blue	7	44
L – Raw Umber	0	14	L – Raw Umber	1	8	L – Raw Umber	5	40
MM – Magenta	0	3	MM – Magenta	0	12	MM – Magenta	1	12

REDWOOD

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
F – Red Oxide	0	19	F – Red Oxide	1	28	F – Red Oxide	7	44
KX – White	0	5	KX – White	0	20	KX – White	2	4
L – Raw Umber	1	10	L – Raw Umber	4	40	L – Raw Umber	24	8
MM – Magenta	0	7	MM – Magenta	0	28	MM – Magenta	2	44

RUSTIC

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	6	B – Lamp Black	0	24	B – Lamp Black	2	24
C – Yellow Oxide	0	3	C – Yellow Oxide	0	12	C – Yellow Oxide	1	12
F – Red Oxide	0	28	F – Red Oxide	2	16	F – Red Oxide	11	32
RR – Fast Red	0	5	RR – Fast Red	0	20	RR – Fast Red	2	4

RUSTIC BROWN

671 DARK 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
F – Red Oxide	0	14	F – Red Oxide	1	8	F – Red Oxide	5	40
TT – Medium Yellow	0	15	TT – Medium Yellow	1	12	TT – Medium Yellow	6	12

**NEW ZAR 50 G/L SEMI TRANSPARENT DECK & SIDING STAIN –
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SANDPIPER

670 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	5	C – Yellow Oxide	0	20	C – Yellow Oxide	2	4

SMOKE

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	1	12	B – Lamp Black	5	0	B – Lamp Black	25	0
D – Phthalo Green	0	2	D – Phthalo Green	0	8	D – Phthalo Green	0	40
KX – White	0	6	KX – White	0	24	KX – White	2	24

STONEHEDGE

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	5 ½	B – Lamp Black	0	22	B – Lamp Black	2	14
D – Phthalo Green	0	1	D – Phthalo Green	0	4	D – Phthalo Green	0	20
L – Raw Umber	0	15	L – Raw Umber	1	12	L – Raw Umber	6	12

WESTWOOD

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	14 ½	B – Lamp Black	1	10	B – Lamp Black	6	2
C – Yellow Oxide	0	32	C – Yellow Oxide	2	32	C – Yellow Oxide	13	16
F – Red Oxide	0	9 ¼	F – Red Oxide	0	37	F – Red Oxide	3	41
KX – White	0	12	KX – White	1	0	KX – White	5	0

WHITE

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
AXXN – Yellow	0	¼	AXXN – Yellow	0	1	AXXN – Yellow	0	5
KX – White	0	36	KX – White	3	0	KX – White	15	0