

DECEMBER 2015

NEW ZAR SEMI-TRANSPARENT DECK AND SIDING STAIN TINTING
FORMULATION

MATCHING: ZAR SEMI-TRANSPARENT 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 – Phthalo Green
- E – Phthalo Blue
- F – Red Oxide
- L – Raw Umber
- M – Durable Red
- V – Violet
- W – White

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

ACORN BROWN

671 DARK 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
F – Red Oxide	0	6	F – Red Oxide	0	24	F – Red Oxide	2	24
L – Raw Umber	0	25	L – Raw Umber	2	4	L – Raw Umber	10	20

BARNBOARD

670 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	11	C – Yellow Oxide	0	44	C – Yellow Oxide	4	28
F – Red Oxide	0	1 ½	F – Red Oxide	0	6	F – Red Oxide	0	30

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	4	B – Lamp Black	0	16	B – Lamp Black	1	32
C – Yellow Oxide	0	6	C – Yellow Oxide	0	24	C – Yellow Oxide	2	24
L – Raw Umber	0	22	L – Raw Umber	1	40	L – Raw Umber	9	8

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 ½	C – Yellow Oxide	0	30	C – Yellow Oxide	3	6
L – Raw Umber	0	9	L – Raw Umber	0	36	L – Raw Umber	3	36
M – Durable Red	0	½	M – Durable Red	0	2	M – Durable Red	0	10

BURLEY

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	31	B – Lamp Black	2	28	B – Lamp Black	12	44
F – Red Oxide	0	26	F – Red Oxide	2	8	F – Red Oxide	10	40

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

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	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 Oxide	0	14	F – Red Oxide	1	8	F – Red Oxide	5	40

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	6	B – Lamp Black	0	24	B – Lamp Black	2	24
C – Yellow Oxide	0	1	C – Yellow Oxide	0	4	C – Yellow Oxide	0	20

CEDARWOOD

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	25	C – Yellow Oxide	2	4	C – Yellow Oxide	10	20
F – Red Oxide	0	2 ½	F – Red Oxide	0	10	F – Red Oxide	1	2
L – Raw Umber	0	10	L – Raw Umber	0	40	L – Raw Umber	4	8

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	13 ½	B – Lamp Black	1	6	B – Lamp Black	5	30
L – Raw Umber	0	3 ½	L – Raw Umber	0	14	L – Raw Umber	1	22
W – White	0	6	W – White	0	24	W – White	2	24

DESERT SAND

670 LIGHT 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 Oxide	0	1	F – Red Oxide	0	4	F – Red Oxide	0	20
L – Raw Umber	0	30	L – Raw Umber	2	24	L – Raw Umber	12	24

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

FAWN

670 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
F – Red Oxide	0	1	F – Red Oxide	0	4	F – Red Oxide	0	20
L – Raw Umber	0	22	L – Raw Umber	1	40	L – Raw Umber	9	8

FOREST GROVE

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	12	C – Yellow Oxide	1	0	C – Yellow Oxide	5	0
D – Phthalo Green	0	3 ½	D – Phthalo Green	0	14	D – Phthalo Green	1	22
L – Raw Umber	0	11	L – Raw Umber	0	44	L – Raw Umber	4	28
W – White	0	2	W – White	0	8	W – White	0	40

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	11 ½	B – Lamp Black	0	46	B – Lamp Black	4	38
C – Yellow Oxide	0	4 ½	C – Yellow Oxide	0	18	C – Yellow Oxide	1	42
E – Phthalo Blue	0	6 ½	E – Phthalo Blue	0	26	E – Phthalo Blue	2	34

GOLDENDALE

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	18	C – Yellow Oxide	1	24	C – Yellow Oxide	7	24
L – Raw Umber	0	3	L – Raw Umber	0	12	L – Raw Umber	1	12

LYNCHBURG GREEN

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	1 ½	B – Lamp Black	0	6	B – Lamp Black	0	30
C – Yellow Oxide	0	4	C – Yellow Oxide	0	16	C – Yellow Oxide	1	32
E – Phthalo Blue	0	2	E – Phthalo Blue	0	8	E – Phthalo Blue	0	40

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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	9	B – Lamp Black	0	36	B – Lamp Black	3	36
F – Red Oxide	0	7	F – Red Oxide	0	28	F – Red Oxide	2	44
V – Violet	0	24	V – Violet	2	0	V – Violet	10	0

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	27	B – Lamp Black	2	12	B – Lamp Black	11	12
C – Yellow Oxide	0	16	C – Yellow Oxide	1	16	C – Yellow Oxide	6	32
F – Red Oxide	0	4	F – Red Oxide	0	16	F – Red Oxide	1	32
W – White	0	2	W – White	0	8	W – White	0	40

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	7 ½	C – Yellow Oxide	0	30	C – Yellow Oxide	3	6
F – Red Oxide	0	½	F – Red Oxide	0	2	F – Red Oxide	0	10
L – Raw Umber	0	1 ½	L – Raw Umber	0	6	L – Raw Umber	0	30

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	2	C – Yellow Oxide	0	8	C – Yellow Oxide	3	40
F – Red Oxide	0	2	F – Red Oxide	0	8	F – Red Oxide	0	40
L – Raw Umber	0	3	L – Raw Umber	0	12	L – Raw Umber	1	12

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	3 ½	L – Raw Umber	0	14	L – Raw Umber	1	22

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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 ½	C – Yellow Oxide	0	10	C – Yellow Oxide	1	2
L – Raw Umber	0	1	L – Raw Umber	0	4	L – Raw Umber	0	20

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	7	B – Lamp Black	0	28	B – Lamp Black	2	44
E – Phthalo Blue	0	11	E – Phthalo Blue	0	44	E – Phthalo Blue	4	28

REDWOOD

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	16	B – Lamp Black	1	16	B – Lamp Black	6	32
F – Red Oxide	0	21	F – Red Oxide	1	36	F – Red Oxide	8	32
M – Durable Red	0	34 ½	M – Durable Red	2	42	M – Durable Red	14	18

RUSTIC

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	7	B – Lamp Black	0	28	B – Lamp Black	2	44
C – Yellow Oxide	0	14	C – Yellow Oxide	1	8	C – Yellow Oxide	5	40
F – Red Oxide	0	26	F – Red Oxide	2	8	F – Red Oxide	10	40

RUSTIC BROWN

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
C – Yellow Oxide	0	8	C – Yellow Oxide	0	32	C – Yellow Oxide	3	16
F – Red Oxide	0	4	F – Red Oxide	0	16	F – Red Oxide	1	32
L – Raw Umber	0	42	L – Raw Umber	3	24	L – Raw Umber	17	24

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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 ½	B – Lamp Black	0	10	B – Lamp Black	1	2
C – Yellow Oxide	0	6	C – Yellow Oxide	0	24	C – Yellow Oxide	2	24

SMOKE

671 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
B – Lamp Black	0	34	B – Lamp Black	2	40	B – Lamp Black	14	8
W – White	0	3	W – White	0	12	W – White	1	12

STONEHEDGE

670 LIGHT 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	1 ½	C – Yellow Oxide	0	6	C – Yellow Oxide	0	30

WESTWOOD

671 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	25	C – Yellow Oxide	2	4	C – Yellow Oxide	10	20
F – Red Oxide	0	4	F – Red Oxide	0	16	F – Red Oxide	1	32
W – White	0	10	W – White	0	40	W – White	4	8

WHITE

670 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	48s	Colorant	OZS.	48s	Colorant	OZS.	48s
W – White	0	20	W – White	1	32	W – White	8	16