

JUNE 2016 (Revised from OCTOBER 2014)

## ZAR DECK AND SIDING STAIN TINTING FORMULATION

MATCHING: ZAR SOLID DECK AND SIDING STAIN COLORS

SYSTEM: **MOORE-O-MATIC** USING 32 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 32, lists the number(s) of fractions, 32nds, 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

BB - Bright Blue

BK – Black

BR – Brown

GY – Gray

MA – Magenta

OG – Orange

OY – Oxide Yellow

RD – Red

RX – Red Oxide

TG – Thalo Green

WH – White

YW – Yellow

## ZAR SOLID DECK & SIDING STAIN COLORS – MOORE-O-MATIC

### BEECHWOOD GRAY 894

**811 MEDIUM BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	13	BK-Black	1	20	BK-Black	8	4
RX-Red Oxide	0	1.5	RX-Red Oxide	0	6	RX-Red Oxide	0	30
OY-Oxide Yellow	0	22	OY-Oxide Yellow	2	24	OY-Oxide Yellow	13	24

### BEIGE 885

**811 MEDIUM BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	3	BK-Black	0	12	BK-Black	1	28
OY-Oxide Yellow	0	16	OY-Oxide Yellow	2	0	OY-Oxide Yellow	10	0
OG-Orange	0	7	OG-Orange	0	28	OG-Orange	4	12

### BLACK CANYON 878

**812 DARK BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	1	30	BK-Black	7	24	BK-Black	38	24

### BUTTERNUT 892

**812 DARK BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	11	BK-Black	1	12	BK-Black	6	28
RX-Red Oxide	0	8.5	RX-Red Oxide	1	2	RX-Red Oxide	5	10
WH-White	0	13.5	WH-White	1	22	WH-White	8	14
YW-Yellow	0	25	YW-Yellow	3	4	YW-Yellow	15	20

### CALIFORNIA RUSTIC 890

**812 DARK BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	7	BK-Black	0	28	BK-Black	4	12
RX-Red Oxide	0	28	RX-Red Oxide	3	16	RX-Red Oxide	17	16
WH-White	0	12	WH-White	1	16	WH-White	7	16
OY-Oxide Yellow	0	17	OY-Oxide Yellow	2	4	OY-Oxide Yellow	10	20

## ZAR SOLID DECK & SIDING STAIN COLORS – MOORE-O-MATIC

### CAPE COD GRAY 877

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	12.5	BK-Black	1	18	BK-Black	7	26
BR-Brown	0	1.5	BR-Brown	0	6	BR-Brown	0	30
OY-Oxide Yellow	0	3	OY-Oxide Yellow	0	12	OY-Oxide Yellow	1	28

### CEDARWOOD 882

#### 811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	5	BK-Black	0	20	BK-Black	3	4
RX-Red Oxide	0	8	RX-Red Oxide	1	0	RX-Red Oxide	5	0
OY-Oxide Yellow	1	24	OY-Oxide Yellow	7	0	OY-Oxide Yellow	35	0

### CHOCOLATE 872

#### 812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	8	BK-Black	1	0	BK-Black	5	0
RX-Red Oxide	0	6	RX-Red Oxide	0	24	RX-Red Oxide	3	24
WH-White	0	1.5	WH-White	0	6	WH-White	0	30
OY-Oxide Yellow	0	25	OY-Oxide Yellow	3	4	OY-Oxide Yellow	15	20

### COLONIAL YELLOW 875

#### 811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	1.5	BK-Black	0	6	BK-Black	0	30
BR - Brown	0	1	BR - Brown	0	4	BR - Brown	0	20
WH-White	0	28	WH-White	3	16	WH-White	17	16
OY-Oxide Yellow	1	20	OY-Oxide Yellow	6	16	OY-Oxide Yellow	32	

### DEEP CHARCOAL 891

#### 812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	22	BK-Black	2	24	BK-Black	13	24
OY-Oxide Yellow	0	3	OY-Oxide Yellow	0	12	OY-Oxide Yellow	1	28
WH-White	0	9	WH-White	1	4	WH-White	5	20

## ZAR SOLID DECK & SIDING STAIN COLORS – MOORE-O-MATIC

### DEEP DESERT SAND 849

**811 MEDIUM BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	5.5	BK-Black	0	22	BK-Black	3	14
BR-Brown	0	5	BR-Brown	0	20	BR-Brown	3	4
OY-Oxide Yellow	0	10.5	OY-Oxide Yellow	1	10	OY-Oxide Yellow	6	18

### DESERT SAND 879

**811 MEDIUM BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BB-Bright Blue	0	3	BB-Bright Blue	0	12	BB-Bright Blue	1	28
OG-Orange	0	16	OG-Orange	2	0	OG-Orange	10	0
OY-Oxide Yellow	0	14.5	OY-Oxide Yellow	1	26	OY-Oxide Yellow	9	2

### FAWN 869

**811 MEDIUM BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	7	BK-Black	0	28	BK-Black	4	12
OY-Oxide Yellow	1	11.5	OY-Oxide Yellow	5	14	OY-Oxide Yellow	27	6
BR-Brown	0	14.5	BR-Brown	1	26	BR-Brown	9	2

### GEORGETOWN GRAY 893

**811 MEDIUM BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	14	BK-Black	1	24	BK-Black	8	24
GY-Gray	0	27	GY-Gray	3	12	GY-Gray	16	28
TG-Thalo Green	0	6	TG-Thalo Green	0	24	TG-Thalo Green	3	24

### HUNTER GREEN 874

**812 DARK BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
TG-Thalo Green	1	8	TG-Thalo Green	5	0	TG-Thalo Green	25	0
OY-Oxide Yellow	1	5.5	OY-Oxide Yellow	4	22	OY-Oxide Yellow	23	14
BK-Black	0	17.5	BK-Black	2	6	BK-Black	10	30
WH-White	0	1	WH-White	0	4	WH-White	0	20

## ZAR SOLID DECK & SIDING STAIN COLORS – MOORE-O-MATIC

### MAHOGANY 889

#### 812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	1	14	BK-Black	5	24	BK-Black	28	24
MA - Magenta	0	12	MA - Magenta	1	16	MA - Magenta	7	16
RX-Red Oxide	0	18	RX-Red Oxide	2	8	RX-Red Oxide	11	8
WH-White	0	1.5	WH-White	0	6	WH-White	0	30

### MANOR BROWN 871

#### 812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	24	BK-Black	3	0	BK-Black	15	0
BR-Brown	0	15	BR-Brown	1	28	BR-Brown	9	12
OY-Oxide Yellow	0	12	OY-Oxide Yellow	1	16	OY-Oxide Yellow	7	16
WH-White	0	4	WH-White	0	16	WH-White	2	16

### NAVAJO WHITE 884

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	2	BK-Black	0	8	BK-Black	1	8
RX-Red Oxide	0	0.5	RX-Red Oxide	0	2	RX-Red Oxide	0	10
OY-Oxide Yellow	0	9	OY-Oxide Yellow	1	4	OY-Oxide Yellow	5	20

### NEW PILGRIM RED 866

#### 812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	27	BK-Black	3	12	BK-Black	16	28
MA - Magenta	1	0	MA - Magenta	4	0	MA - Magenta	20	0
RX-Red Oxide	0	30	RX-Red Oxide	3	24	RX-Red Oxide	18	24
WH-White	0	3	WH-White	0	12	WH-White	1	28

### PARCHMENT 867

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
GY-Gray	0	13.5	GY-Gray	1	22	GY-Gray	8	14
OY-Oxide Yellow	0	13.5	OY-Oxide Yellow	1	22	OY-Oxide Yellow	8	14

## ZAR SOLID DECK & SIDING STAIN COLORS – MOORE-O-MATIC

### PILGRIM BLUE 881

#### 811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BB-Bright Blue	0	6.5	BB-Bright Blue	0	26	BB-Bright Blue	4	2
BK-Black	0	10	BK-Black	1	8	BK-Black	6	8
OY-Oxide Yellow	0	0.5	OY-Oxide Yellow	0	2	OY-Oxide Yellow	0	10

### PLATINUM 883

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
OY-Oxide Yellow	0	6.5	OY-Oxide Yellow	0	26	OY-Oxide Yellow	4	2
OG-Orange	0	1.5	OG-Orange	0	6	OG-Orange	0	30
GY-Gray	1	8	GY-Gray	5	0	GY-Gray	25	0

### PRAIRE GOLD 847

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BR-Brown	0	4.5	BR-Brown	0	18	BR-Brown	2	16
GY-Gray	0	6	GY-Gray	0	24	GY-Gray	3	24
OY-Oxide Yellow	0	4	OY-Oxide Yellow	0	16	OY-Oxide Yellow	2	16
YW-Yellow	0	27.5	YW-Yellow	3	14	YW-Yellow	17	6

### PRAIRE YELLOW 880

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	1.5	BK-Black	0	6	BK-Black	0	30
OY-Oxide Yellow	0	10	OY-Oxide Yellow	1	8	OY-Oxide Yellow	6	8
YW-Yellow	0	9	YW-Yellow	1	4	YW-Yellow	5	20

### SABLE 876

#### 812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	10.5	BK-Black	1	10	BK-Black	6	18
RX-Red Oxide	0	16	RX-Red Oxide	2	0	RX-Red Oxide	10	0
WH-White	0	7	WH-White	0	28	WH-White	4	12
YW-Yellow	0	9	YW-Yellow	1	4	YW-Yellow	5	20

## ZAR SOLID DECK & SIDING STAIN COLORS – MOORE-O-MATIC

### SAGE 846

#### 811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	5	BK-Black	0	20	BK-Black	3	4
OY-Oxide Yellow	0	10	OY-Oxide Yellow	1	8	OY-Oxide Yellow	6	8
TG-Thalo Green	0	0.5	TG-Thalo Green	0	2	TG-Thalo Green	0	10

### SALEM TAN 887

#### 811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	1.25	BK-Black	0	6	BK-Black	0	30
OY-Oxide Yellow	0	12.5	OY-Oxide Yellow	1	6	OY-Oxide Yellow	5	30
RX-Red Oxide	0	0.5	RX-Red Oxide	0	2	RX-Red Oxide	0	10
WH-White	0	9	WH-White	1	4	WH-White	5	20

### SANDPIPER 886

#### 811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	3.5	BK-Black	0	14	BK-Black	1	22
OY-Oxide Yellow	0	9.5	OY-Oxide Yellow	1	6	OY-Oxide Yellow	5	30
OG-Orange	0	1.5	OG-Orange	0	6	OG-Orange	0	30

### SEAFOAM 888

#### 811 MEDIUM BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BB-Bright Blue	0	3	BB-Bright Blue	0	12	BB-Bright Blue	1	28
BK-Black	0	2.5	BK-Black	0	10	BK-Black	1	18
OY-Oxide Yellow	0	18	OY-Oxide Yellow	2	8	OY-Oxide Yellow	11	8

### SIERRA REDWOOD 873

#### 812 DARK BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BB-Bright Blue	0	2.5	BB-Bright Blue	0	10	BB-Bright Blue	1	18
OY-Oxide Yellow	0	5.5	OY-Oxide Yellow	0	22	OY-Oxide Yellow	3	14
RX-Red Oxide	0	29	RX-Red Oxide	3	20	RX-Red Oxide	18	4
WH-White	0	0.5	WH-White	0	2	WH-White	0	10

## ZAR SOLID DECK & SIDING STAIN COLORS – MOORE-O-MATIC

### STONEHEDGE 868

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
BK-Black	0	15	BK-Black	1	28	BK-Black	9	12
GY-Gray	0	24	GY-Gray	3	0	GY-Gray	15	0
OY-Oxide Yellow	0	3	OY-Oxide Yellow	0	12	OY-Oxide Yellow	1	28

### WINTER WHITE 870

#### 810 LIGHT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	32s	Colorant	OZS.	32s	Colorant	OZS.	32s
GY-Gray	0	2	GY-Gray	0	8	GY-Gray	1	8
OY-Oxide Yellow	0	1	OY-Oxide Yellow	0	4	OY-Oxide Yellow	0	20