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ZAR® OIL BASE WOOD STAIN TINTING FORMULATION

MATCHING: ZAR® OIL BASE WOOD STAIN COLORS
SYSTEM: PITTSBURGH 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 – THALO GREEN
E – THALO BLUE
F – RED IRON OXIDE
G – DURABLE YELLOW
L – RAW UMBER
M – DURABLE RED
W – TITANIUM WHITE

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Plant Locations: Dayton, NV • Jacksonville, IL • Jackson, MS



109 COLONIAL PINE						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	14	B	1	8			
C	0	40	C	3	16			
F	0	6.5	F	0	26			

110 SALEM MAPLE						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	34	C	2	40			
F	0	8	F	0	32			
L	1	0	L	4	0			

111 WALNUT						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	1	0	C	4	0			
F	0	4	F	0	16			
L	1	20	L	5	32			

113 FRUITWOOD						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	1	12	C	5	0			
F	0	4	F	0	16			
L	1	0	L	4	0			
W	0	6	W	0	24			



114 PROVINCIAL						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	40	C	3	16			
F	0	8.5	F	0	34			
L	1	6	L	4	24			

115 MODERN WALNUT						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	46	B	3	40			
C	1	16	C	5	16			
F	0	18.5	F	1	26			

116 CHERRY						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	26	C	2	8			
F	0	12	F	1	0			
L	0	14	L	1	8			

117 HONEY MAPLE						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	44	C	3	32			
F	0	5.5	F	0	22			
L	0	16	L	1	16			
W	0	32	W	2	32			



118 DARK MAHOGANY						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	1	6	B	4	24			
C	0	14	C	1	8			
F	1	6	F	4	24			

119 MOCHA (FORMERLY DANISH WALNUT)						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	1	34	B	6	40			
C	0	20	C	1	32			
F	0	17	F	1	20			

120 TEAK NATURAL						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	20	B	1	32			
C	1	32	C	6	32			
F	0	18	F	1	24			

121 BLACK ONYX						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	2	6	B	8	24			
C	0	8	C	0	32			
W	0	12	W	1	0			



122 MEDITERRANEAN						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	1	30	B	6	24			
C	0	24	C	2	0			
F	0	14	F	1	8			

123 MOORISH TEAK						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	1	46	B	7	40			
C	0	7	C	0	28			
F	0	33	F	2	36			

124 ROSEWOOD						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	1	20	B	5	32			
F	0	45	F	3	36			

125 BLACK WALNUT						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	1	28	B	6	16			
C	0	26	C	2	8			
F	0	14	F	1	8			



126 CHESTNUT						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	46	C	3	40			
F	0	2	F	0	8			
L	0	26	L	2	8			

127 GOLDEN OAK						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	1	12	C	5	0			
F	0	2	F	0	8			
L	0	15	L	1	12			
W	0	20	W	1	32			

128 EARLY AMERICAN						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	22	B	1	40			
C	1	20	C	5	32			
F	0	24	F	2	0			

129 AMBER VARNISH (FORMERLY AGED VARNISH)						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	45	C	3	36			
F	0	5.5	F	0	22			
L	0	26	L	2	8			



130 DRIFTWOOD						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	4.5	B	0	18			
C	0	4	C	0	16			
F	0	0.5	F	0	2			
W	1	20	W	5	32			

135 CHARCOAL						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	2	12	B	9	0			
F	0	8	F	0	32			

136 ENGLISH WALNUT						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	1	0	B	4	0			
C	0	44	C	3	32			
F	0	9	F	0	36			

137 WHITE OAK						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	1	20	C	5	32			
F	0	2	F	0	8			
L	0	22	L	1	40			
W	0	24	W	2	0			



138 SPANISH OAK						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	8	B	0	32			
C	0	44	C	3	32			
F	0	5	F	0	20			
W	0	14	W	1	8			

139 COASTAL BOARDS (FORMERLY COUNTRY WHITE)						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	1	C	0	4			
M	0	0.5	M	0	2			
W	2	30	W	10	24			

140 MERLOT						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	30	B	2	24			
F	1	0	F	4	0			
V	0	25	V	2	4			
W	0	36	W	3	0			

170 SILK GRAY						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	17	B	1	20			
C	0	4	C	0	16			
F	0	3/4	F	0	3			
W	1	45	W	7	36			



PPG TINT SYSTEM TO MATCH ZAR® OIL BASE WOOD STAIN

171 SLATE GRAY						145 OR 169 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
B	0	28	B	2	16			
C	0	3 1/2	C	0	14			
F	0	2 1/2	F	0	10			
W	1	12	W	5	0			

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