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**ZAR® OIL BASE WOOD STAIN TINTING FORMULATION  
MATCHING: ZAR® OIL BASE WOOD STAIN COLORS  
SYSTEM: ACE 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**

- AX – Exterior Yellow
- B - Lamp Black
- C - Yellow Oxide
- D – Thalo Green
- E – Thalo Blue
- F – Red Iron Oxide
- GX - Perma-Cal Orange
- I – Brown Iron Oxide
- KX – Titanium Dioxide
- L – Raw Umber
- R – Exterior Red

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**570-344-1202 • 1-800-845-5227 • Fax 570-969-7634 • [www.UGL.com](http://www.UGL.com)**

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Plant Locations: Jacksonville, IL • Jackson, MS



508 CHAMPAGNE						145 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR	OZS.	48'S	COLOR	OZS.	48'S
C	0	0.8	C		3.2			
KX	0	5	KX	0	20			

504 GRAY CASHMERE						145 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	12	B	1	0			
KX	0	20	KX	1	32			

509 BLUE MOON						145 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	3	B	0	12			
E	0	42	E	3	24			
KX	0	22	KX	1	40			
L	1	20	L	5	32			

170 SILK GRAY						145 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
KX	1	24	KX	6	0			
B	0	24	B	2	0			



503 OILED LEATHER						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	1	40	B	7	16			
C	0	23	C	1	44			
I	0	6	I	0	24			
KX	0	8	KX	0	32			

139 BEACH HOUSE						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
KX	2	20	KX	9	32			

129 VINTAGE MODERN						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	2	0	C	8	0			
R	0	8	R	0	32			
B	0	0.5	B	0	2			

127 GOLDEN SUNSET						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	0	16	C	1	16			
I	0	3	I	0	12			

121 BABY GRAND						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	4	40	B	19	16			



135 BLACK CAVIAR						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	3	20	B	13	32			
I	0	7.5	I	0	30			
R	0	30	R	2	24			

517 MORROCON RED						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
F	2	26	F	10	8			
B	0	40	B	3	16			
R	0	20	R	1	32			
E	0	4	E	0	16			

128 MINK						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	0	30	C	2	24			
I	0	40	I	3	16			
B	0	3	B	0	12			

120 PREMIUM TEAK						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	1	16	C	5	16			
I	0	44	I	3	32			
L	0	32	L	2	32			
F	0	2	F	0	8			



518 EXOTIC REDWOOD						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
I	2	24	I	10	0			
R	0	32	R	2	32			
B	0	12	B	1	0			

115 AGED BOURBON						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
I	0	25	I	2	4			
B	0	15	B	1	12			
C	0	15	C	1	12			

171 MALIBU GRAY						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
KX	1	0	KX	4	0			
B	0	20	B	1	32			
F	0	1	F	0	4			

123 DARK CHOCOLATE TRUFFLE						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	2	0	B	8	0			
I	2	0	I	8	0			



119 MOCHA						145 TINT BASE		
QUART			GALLON					
COLOR	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	42	B	3	24			
I	0	40	I	3	16			
C	0	10	C	0	40			