



# UNITED GILSONITE LABORATORIES

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Makers of DRYLOK® Masonry Waterproofers and ZAR® Wood Stains and Finishes

March 2010

## ZAR OIL- BASED WOOD STAIN TINTING FORMULATION

### MATCHING: ZAR OIL- BASED WOOD STAIN COLORS

### SYSTEM: NUANCE 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

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	15	B	1	12			
C	0	20	C	1	32			
I	0	10	I	0	40			
L	0	5	L	0	20			

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	10	C	0	40			
I	0	10	I	0	40			
L	0	15	L	1	12			

111 WALNUT

145 or 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	0	6	C	0	24			
I	0	15	I	1	12			
L	1	0	L	4	0			

113 FRUITWOOD

145 or 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	0	4	C	0	16			
I	0	24	I	2	0			
L	1	0	L	4	0			

114 PROVINCIAL 145 OR 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	10	B	0	40			
C	2	0	C	8	0			
I	0	40	I	3	16			

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	25	B	2	4			
C	0	10	C	0	40			
I	0	13	I	1	4			
L	1	0	L	4	0			

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	19	C	1	28			
I	0	15	I	1	12			
F	0	4	F	0	16			
L	0	24	L	2	0			

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	2	C	0	8			
I	0	2+1/96	I	0	10			
KX	0	3	KX	0	12			

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	0	36	B	3	0			
C	0	12	C	1	0			
R	3	0	R	12	0			
REMOVE ONE BEFORE TINTING	FL.OZ		REMOVE FOUR BEFORE TINTING	FL.OZS				
	APPLY		TWO COATS	TO		ACHIEVE	COLOR	

119 MOCHA (FORMERLY CALLED 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	0	B	4	0			
C	0	5	C	0	20			
F	0	10	F	0	40			
I	0	8	I	0	32			
L	1	12	L	5	0			

120 TEAK NATURAL 145 OR 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	0	5	C	0	20			
F	0	5	F	0	20			
I	0	32	I	2	32			
L	2	0	L	8	0			

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	0	B	8	0			
C	0	6	C	0	24			
KX	0	4	KX	0	16			

122 MEDITERRANEAN

145 OR 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	2	0	B	8	0			
C	0	14	C	1	8			
I	0	20	I	1	32			
KX	0	10	KX	0	40			

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	3	0	B	12	0			
C	0	7	C	0	28			
R	0	41	R	3	20			
REMOVE ONE FLO.OZ BEFORE TINTING		APPLY	REMOVE FOUR FLO.OZS BEFORE TINTING		TO	ACHIEVE COLOR		
			TWO COATS					

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	0	B	4	0			
C	0	10	C	0	40			
R	2	0	R	8	0			
REMOVE ONE FLO.OZ BEFORE TINTING		APPLY	REMOVE FOUR FLO.OZS. BEFORE TINTING		TO	ACHIEVE COLOR		
			TWO COATS					

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	2	0	B	8	0			
C	0	20	C	1	32			
F	0	10	F	0	40			

126 CHESTNUT

145 OR 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	10	B	0	40			
C	0	40	C	3	16			
F	0	10	F	0	40			
I	1	0	I	4	0			

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	0	15	C	1	12			
L	0	30	L	2	24			

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	10	B	0	40			
C	0	15	C	1	12			
F	0	3	F	0	12			
I	0	25	I	2	4			
L	1	0	L	4	0			

129 AMBER VARNISH (FORMERLY CALED AGED VARNISH)

145 OR 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	3	B	0	12			
C	2	0	C	8	0			
I	0	12	I	1	0			
GX	1	0	GX	4	0			

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	6	B	0	24			
L	0	12	L	1	0			
KX	0	23	KX	1	44			

135 CHARCOAL

145 OR 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	3	34	B	14	40			
I	0	4	I	0	16			
R	0	10	R	0	40			
REMOVE ONE FLOZ BEFORE TINTING			REMOVE FOUR FL.OZS BEFORE TINTING					
		APPLY	TWO COATS		TO	ACHIEVE		COLOR

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			
I	0	5	I	0	20			
L	1	0	L	4	0			
KX	0	4	KX	0	16			

137 WHITE OAK

145 or 169 TINT BASE

QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	2	B	0	8			
C	0	12	C	1	0			
I	0	5	I	0	20			
L	0	6	L	0	24			

