

August 2009

ZAR ULTRA MAX WOOD STAIN TINTING FORMULATION

MATCHING: MINWAX 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

NUANCE SYSTEM TO TINT ZAR ULTRA MAX STAIN TO MINWAX COLORS

209 NATURAL									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
C	1	24	C	6	0				
F	0	2	F	0	8				
L	0	24	L	2	0				
KX	0	36	KX	3	0				

210B GOLDEN OAK									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
C	1	37	C	7	4				
F	0	2.5	F	0	10				
L	0	19	L	1	28				
KX	0	9	KX	0	36				

211 PROVINCIAL									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
B	0	16	B	1	16				
C	2	0	C	8	0				
F	0	6	F	0	24				

215 RED OAK									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
B	0	26	B	2	8				
C	0	42	C	3	24				
F	0	32	F	2	32				
APPLY	2	COATS	APPLY	2	COATS				

218 PURITAN TAN									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
C	1	24	C	6	0				
F	0	4.5	F	0	18				
L	0	30	L	2	24				

NUANCE SYSTEM TO TINT ZAR ULTRA MAX STAIN TO MINWAX COLORS

221 IPSWICH PINE									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
C	1	24	C	6	0				
F	0	5	F	0	20				
L	0	18	L	1	24				
KX	0	16	KX	1	16				

222 SEDONA RED									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
B	0	16	B	1	16				
C	0	16	C	1	16				
F	1	0	F	4	0				
APPLY	2	COATS	APPLY	2	COATS				

223 COLONIAL MAPLE									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
C	1	24	C	6	0				
F	0	18	F	1	24				
L	0	30	L	2	24				
KX	0	16	KX	1	16				

224 SPECIAL WALNUT									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
B	0	42	B	3	24				
C	1	40	C	7	16				
F	0	14	F	1	8				

230 EARLY AMERICAN									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	
B	0	16	B	1	16				
C	1	16	C	5	16				
F	0	7.5	F	0	30				

NUANCE SYSTEM TO TINT ZAR ULTRA MAX STAIN TO MINWAX COLORS

231 GUNSTOCK						196 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	12	C	5	0			
F	0	32	F	2	32			

232 RED CHESTNUT						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	24	B	2	0			
C	0	36	C	3	0			
F	0	36	F	3	0			

233 ENGLISH CHESTNUT						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
B	0	24	B	2	0			
C	1	20	C	5	32			
F	0	24	F	2	0			

235 CHERRY						196 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	8	F	0	32			
L	1	12	L	5	0			

241 FRUITWOOD						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	1	24	C	6	0			
F	0	3	F	0	12			
L	1	0	L	4	0			

NUANCE SYSTEM TO TINT ZAR ULTRA MAX STAIN TO MINWAX COLORS

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245 GOLDEN PECAN						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	1	24	C	6	0			
F	0	5	F	0	20			
L	0	20	L	1	32			

260 PICKLED OAK						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	0	12	C	1	0			
I	0	1.5	I	0	6			
KX	2	32	KX	10	32			
APPLY	2	COATS	APPLY	2	COATS			

2126 DRIFTWOOD						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	48'S	COLOR.	OZS.	48'S	COLOR.	OZS.	48'S
C	1	0	C	4	0			
L	1	36	L	7	0			
APPLY	2	COATS	APPLY	2	COATS			

2716 DARK WALNUT						196 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	1	16	C	5	16			
F	0	11	F	0	44			
APPLY	2	COATS	APPLY	2	COATS			

2718 EBONY						196 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	40	C	3	16			
F	0	2	F	0	8			
APPLY	2	COATS	APPLY	2	COATS			

