

January 2009

ZAR ULTRA MAX WOOD STAIN TINTING FORMULATION

MATCHING: MINWAX OIL BASED WOOD STAIN COLORS

SYSTEM: GLIDDEN PROFESSIONAL USING 64 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 64, lists the number(s) of fractions, 64ths, 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

BLK - Black
FFR – Fast Fast Red
LFY – Lemon Yellow
MAG - Magenta
OXR- Oxide Red
TBL –Thalo Blue
GRN – Thalo Green
WHT - White
YOX – Yellow Oxide

209 NATURAL						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	3	Black	0	12			
Red Oxide	0	3	Red Oxide	0	12			
White	0	48	White	3	0			
Yellow Oxide	1	24	Yellow Oxide	5	32			

210B GOLDEN OAK						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	11	Black	0	44			
Red Oxide	0	8	Red Oxide	0	32			
White	0	8	White	0	32			
Yellow Oxide	1	40	Yellow Oxide	6	32			

211 PROVINCIAL						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	26	Black	1	40			
Red Oxide	0	14	Red Oxide	0	56			
Yellow Oxide	1	36	Yellow Oxide	6	16			

215 RED OAK						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	20	Black	1	16			
Red Oxide	0	34	Red Oxide	2	8			
Yellow Oxide	0	36	Yellow Oxide	2	16			
APPLY	2	COATS	APPLY	2	COATS			

218 PURITAN TAN						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	14	Black	0	56			
Red Oxide	0	16	Red Oxide	1	0			
White	0	16	White	1	0			
Yellow Oxide	1	48	Yellow Oxide	7	0			

221 IPSWICH PINE						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	8	Black	0	32			
Red Oxide	0	10	Red Oxide	0	40			
White	0	8	White	0	32			
Yellow Oxide	0	56	Yellow Oxide	3	32			

222 SEDONA RED						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	16	Black	1	0			
Red Oxide	0	52	Red Oxide	3	16			
Yellow Oxide	0	10	Yellow Oxide	0	40			
APPLY	2	COATS	APPLY	2	COATS			

223 COLONIAL MAPLE						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	6	Black	0	24			
Red Oxide	0	18	Red Oxide	1	8			
Yellow Oxide	0	30	Yellow Oxide	1	56			

224 SPECIAL WALNUT						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	44	Black	2	48			
Red Oxide	0	20	Red Oxide	1	16			
Yellow Oxide	1	16	Yellow Oxide	5	0			

230 EARLY AMERICAN						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	24	Black	1	32			
Red Oxide	0	14	Red Oxide	0	56			
Yellow Oxide	1	16	Yellow Oxide	5	0			

231 GUNSTOCK						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	18	Black	1	8			
Red Oxide	0	30	Red Oxide	1	56			
White	0	14	White	0	56			
Yellow Oxide	0	36	Yellow Oxide	2	16			

232 RED CHESTNUT						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	28	Black	1	48			
Red Oxide	0	42	Red Oxide	2	40			
Yellow Oxide	0	32	Yellow Oxide	2	0			

233 ENGLISH CHESTNUT									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	
Black	0	32	Black	2	0				
Red Oxide	0	39	Red Oxide	2	28				
Yellow Oxide	1	0	Yellow Oxide	4	0				

235 CHERRY									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	
Black	0	6	Black	0	24				
Red Oxide	0	9	Red Oxide	0	36				
Yellow Oxide	0	32	Yellow Oxide	2	0				

241 FRUITWOOD									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	
Black	0	14	Black	0	56				
Red Oxide	0	10	Red Oxide	0	40				
Yellow Oxide	1	20	Yellow Oxide	5	16				

245 GOLDEN PECAN									196 TINT BASE
QUART			GALLON			5 GALLON			
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	
Black	0	3	Black	0	12				
Red Oxide	0	7	Red Oxide	0	28				
White	0	24	White	1	32				
Yellow Oxide	0	48	Yellow Oxide	3	0				

260 PICKLED OAK						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Red Oxide	0	0.5	Red Oxide	0	2			
White	2	16	White	9	0			
Yellow Oxide	0	10	Yellow Oxide	0	40			
APPLY	2	COATS	APPLY	2	COATS			

2126 DRIFTWOOD						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	0	26	Black	1	40			
Red Oxide	0	6	Red Oxide	0	24			
Yellow Oxide	1	6	Yellow Oxide	4	24			
APPLY	2	COATS	APPLY	2	COATS			

2716 DARK WALNUT						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	1	0	Black	4	0			
Red Oxide	0	10	Red Oxide	0	40			
Yellow Oxide	0	36	Yellow Oxide	2	16			
APPLY	2	COATS	APPLY	2	COATS			

2718 EBONY						196 TINT BASE		
QUART			GALLON			5 GALLON		
COLOR.	OZS.	64'S	COLOR.	OZS.	64'S	COLOR.	OZS.	64'S
Black	1	36	Black	6	16			
Red Oxide	0	1	Red Oxide	0	4			
Yellow Oxide	0	20	Yellow Oxide	1	16			
APPLY	2	COATS	APPLY	2	COATS			

