

SEPTEMBER 2009

ZAR ULTRA MAX WOOD STAIN TINTING FORMULATION

MATCHING: ZAR OIL BASE 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

# ZAR ULTRA MAX FOR ZAR OIL BASE STAIN – GLIDDEN PROFESSIONAL FORMULATIONS

## COLONIAL PINE 109

### 196 TINT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	12	BLK-Black	0	48			
OXR-Red Oxide	0	10	OXR-Red Oxide	0	40			
YOX-Yellow Oxide	0	34	YOX-Yellow Oxide	2	8			

## SALEM MAPLE 110

### 196 TINT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	9	BLK-Black	0	36			
OXR-Red Oxide	0	14	OXR-Red Oxide	0	56			
YOX-Yellow Oxide	0	44	YOX-Yellow Oxide	2	48			

## WALNUT 111

### 196 TINT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	10	BLK-Black	0	40			
OXR-Red Oxide	0	10	OXR-Red Oxide	0	40			
WHT-White	0	63	WHT-White	3	60			
YOX-Yellow Oxide	0	45	YOX-Yellow Oxide	2	52			

## FRUITWOOD 113

### 196 TINT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	7	BLK-Black	0	28			
OXR-Red Oxide	0	7	OXR-Red Oxide	0	28			
WHT-White	0	20	WHT-White	1	16			
YOX-Yellow Oxide	0	40	YOX-Yellow Oxide	2	32			

## PROVINCIAL 114

### 196 TINT BASE

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	8	BLK-Black	0	32			
OXR-Red Oxide	0	12	OXR-Red Oxide	0	48			
YOX-Yellow Oxide	0	36	YOX-Yellow Oxide	2	16			

# ZAR ULTRA MAX FOR ZAR OIL BASE STAIN – GLIDDEN PROFESSIONAL FORMULATIONS

## MODERN WALNUT 115

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	56	BLK-Black	3	32			
OXR-Red Oxide	0	38	OXR-Red Oxide	2	24			
YOX-Yellow Oxide	1	4	YOX-Yellow Oxide	4	16			

## CHERRY 116

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	10	BLK-Black	0	40			
OXR-Red Oxide	0	28	OXR-Red Oxide	1	48			
YOX-Yellow Oxide	0	48	YOX-Yellow Oxide	3	0			

## HONEY MAPLE 117

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	3.5	BLK-Black	0	14			
OXR-Red Oxide	0	7	OXR-Red Oxide	0	28			
WHT-White	1	16	WHT-White	5	0			
YOX-Yellow Oxide	0	24	YOX-Yellow Oxide	1	32			

## DARK MAHOGANY 118

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	1	0	BLK-Black	4	0			
OXR-Red Oxide	1	0	OXR-Red Oxide	4	0			
YOX-Yellow Oxide	0	10	YOX-Yellow Oxide	0	40			

## DANISH WALNUT 119

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	1	8	BLK-Black	4	32			
OXR-Red Oxide	0	22	OXR-Red Oxide	1	24			
YOX-Yellow Oxide	0	16	YOX-Yellow Oxide	1	0			

# ZAR ULTRA MAX FOR ZAR OIL BASE STAIN – GLIDDEN PROFESSIONAL FORMULATIONS

## TEAK NATURAL 120

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	27	BLK-Black	1	44			
OXR-Red Oxide	0	34	OXR-Red Oxide	2	8			
YOX-Yellow Oxide	0	58	YOX-Yellow Oxide	3	40			

## MEDITERRANEAN 122

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	1	6	BLK-Black	4	24			
OXR-Red Oxide	0	20	OXR-Red Oxide	1	16			
YOX-Yellow Oxide	0	24	YOX-Yellow Oxide	1	32			

## MOORISH TEAK 123

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	1	32	BLK-Black	6	0			
OXR-Red Oxide	0	38	OXR-Red Oxide	2	26			
YOX-Yellow Oxide	0	6	YOX-Yellow Oxide	0	24			

## ROSEWOOD 124

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	1	0	BLK-Black	4	0			
OXR-Red Oxide	0	48	OXR-Red Oxide	3	0			
YOX-Yellow Oxide	0	16	YOX-Yellow Oxide	1	0			

## BLACK WALNUT 125

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	60	BLK-Black	3	48			
OXR-Red Oxide	0	18	OXR-Red Oxide	1	8			
YOX-Yellow Oxide	0	28	YOX-Yellow Oxide	1	48			

# ZAR ULTRA MAX FOR ZAR OIL BASE STAIN – GLIDDEN PROFESSIONAL FORMULATIONS

## CHESTNUT 126

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	6	BLK-Black	0	24			
OXR-Red Oxide	0	5	OXR-Red Oxide	0	20			
YOX-Yellow Oxide	0	22	YOX-Yellow Oxide	1	24			

## GOLDEN OAK 127

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	3.5	BLK-Black	0	14			
OXR-Red Oxide	0	4.5	OXR-Red Oxide	0	18			
WHT-White	0	46	WHT-White	2	56			
YOX-Yellow Oxide	0	32	YOX-Yellow Oxide	2	0			

## EARLY AMERICAN 128

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	28	BLK-Black	1	48			
OXR-Red Oxide	0	36	OXR-Red Oxide	2	16			
YOX-Yellow Oxide	0	56	YOX-Yellow Oxide	3	32			

## AGED VARNISH 129

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	6	BLK-Black	0	24			
OXR-Red Oxide	0	14	OXR-Red Oxide	0	56			
YOX-Yellow Oxide	0	38	YOX-Yellow Oxide	2	24			

## DRIFTWOOD 130

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	3.5	BLK-Black	0	14			
OXR-Red Oxide	0	1	OXR-Red Oxide	0	4			
WHT-White	1	0	WHT-White	4	0			
YOX-Yellow Oxide	0	3	YOX-Yellow Oxide	0	12			

# ZAR ULTRA MAX FOR ZAR OIL BASE STAIN – GLIDDEN PROFESSIONAL FORMULATIONS

## CHARCOAL 135

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	1	26	BLK-Black	5	40			
OXR-Red Oxide	0	10	OXR-Red Oxide	0	40			
YOX-Yellow Oxide	0	6	YOX-Yellow Oxide	0	24			

## ENGLISH WALNUT 136

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	40	BLK-Black	2	32			
OXR-Red Oxide	0	12	OXR-Red Oxide	0	48			
YOX-Yellow Oxide	0	31	YOX-Yellow Oxide	1	60			

## WHITE OAK 137

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	4.5	BLK-Black	0	18			
OXR-Red Oxide	0	5.5	OXR-Red Oxide	0	22			
WHT-White	0	48	WHT-White	3	0			
YOX-Yellow Oxide	0	38	YOX-Yellow Oxide	2	24			

## SPANISH OAK 138

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
BLK-Black	0	16	BLK-Black	1	0			
OXR-Red Oxide	0	12	OXR-Red Oxide	0	48			
WHT-White	0	22	WHT-White	1	24			
YOX-Yellow Oxide	0	48	YOX-Yellow Oxide	3	0			

## COUNTRY WHITE 139

**196 TINT BASE**

Quart Formula			Gallon Formula			Five Gallon Formula		
Colorant	OZS.	64s	Colorant	OZS.	64s	Colorant	OZS.	64s
FFR-Fast Red	0	0.5	FFR-Fast Red	0	2			
WHT-White	2	62	WHT-White	11	56			
YOX-Yellow Oxide	0	1	YOX-Yellow Oxide	0	4			