

OCTOBER 2016

ZAR ULTRA MAX WOOD STAIN TINTING FORMULATION

MATCHING: ZAR ULTRA MAX WOOD STAIN COLORS

SYSTEM: **VALSPAR NOVOCOLOR II** 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

AXN – Yellow
B – Lamp Black
C – Yellow Oxide
D – Phthalo Green
E – Phthalo Blue
F – Red Oxide
KX – White
L – Raw Umber
M – Magenta
S – Red
T – Medium Yellow

ZAR ULTRA MAX WOOD STAIN – VALSPAR NOVOCOLOR II

190 BRAZILIAN CHERRY

196 TINT BASE

| Quart Formula | | | Gallon Formula | | | Five Gallon Formula | | |
|------------------|------|-----|------------------|------|-----|---------------------|------|-----|
| Colorant | OZS. | 48s | Colorant | OZS. | 48s | Colorant | OZS. | 48s |
| C – Yellow Oxide | 1 | 7 | C – Yellow Oxide | 4 | 28 | | | |
| F – Red Oxide | 0 | 19 | F – Red Oxide | 1 | 28 | | | |
| L – Raw Umber | 1 | 8 | L – Raw Umber | 4 | 32 | | | |

191 CAYENNE PEPPER

196 TINT BASE

| Quart Formula | | | Gallon Formula | | | Five Gallon Formula | | |
|----------------|------|-----|----------------|------|-----|---------------------|------|-----|
| Colorant | OZS. | 48s | Colorant | OZS. | 48s | Colorant | OZS. | 48s |
| AXN – Yellow | 0 | 7 ¼ | AXN – Yellow | 0 | 29 | | | |
| B – Lamp Black | 0 | 35 | B – Lamp Black | 2 | 44 | | | |
| F – Red Oxide | 1 | 35 | F – Red Oxide | 6 | 44 | | | |

192 ESPRESSO

196 TINT BASE

| Quart Formula | | | Gallon Formula | | | Five Gallon Formula | | |
|----------------|------|------|----------------|------|-----|---------------------|------|-----|
| Colorant | OZS. | 48s | Colorant | OZS. | 48s | Colorant | OZS. | 48s |
| AXN – Yellow | 1 | 3 ¾ | AXN – Yellow | 4 | 15 | | | |
| B – Lamp Black | 0 | 20 | B – Lamp Black | 1 | 32 | | | |
| F – Red Oxide | 0 | 21 ½ | F – Red Oxide | 1 | 38 | | | |

193 EBONY

196 TINT BASE

| Quart Formula | | | Gallon Formula | | | Five Gallon Formula | | |
|------------------|------|-----|------------------|------|-----|---------------------|------|-----|
| Colorant | OZS. | 48s | Colorant | OZS. | 48s | Colorant | OZS. | 48s |
| B – Lamp Black | 2 | 25 | B – Lamp Black | 10 | 4 | | | |
| C – Yellow Oxide | 0 | 2 ½ | C – Yellow Oxide | 0 | 10 | | | |
| F – Red Oxide | 0 | 4 | F – Red Oxide | 0 | 16 | | | |

194 JAMAICAN RUM

196 TINT BASE

| Quart Formula | | | Gallon Formula | | | Five Gallon Formula | | |
|------------------|------|-----|------------------|------|-----|---------------------|------|-----|
| Colorant | OZS. | 48s | Colorant | OZS. | 48s | Colorant | OZS. | 48s |
| B – Lamp Black | 0 | 22 | B – Lamp Black | 1 | 40 | | | |
| C – Yellow Oxide | 0 | 28 | C – Yellow Oxide | 2 | 16 | | | |
| F – Red Oxide | 0 | 40 | F – Red Oxide | 3 | 16 | | | |

ZAR ULTRA MAX WOOD STAIN – VALSPAR NOVOCOLOR II

195 WHEAT

196 TINT BASE

| Quart Formula | | | Gallon Formula | | | Five Gallon Formula | | |
|------------------|------|-----|------------------|------|-----|---------------------|------|-----|
| Colorant | OZS. | 48s | Colorant | OZS. | 48s | Colorant | OZS. | 48s |
| C – Yellow Oxide | 0 | 27 | C – Yellow Oxide | 2 | 12 | | | |
| F – Red Oxide | 0 | 8 ½ | F – Red Oxide | 0 | 34 | | | |
| L – Raw Umber | 1 | 4 | L – Raw Umber | 4 | 16 | | | |

COLOR NAME & NUMBER

BASE

| Quart Formula | | | Gallon Formula | | | Five Gallon Formula | | |
|---------------|------|-----|----------------|------|-----|---------------------|------|-----|
| Colorant | OZS. | 48s | Colorant | OZS. | 48s | Colorant | OZS. | 48s |
| | | | | | | | | |