



UNITED GILSONITE LABORATORIES

P.O. BOX 70 • SCRANTON, PA 18501-0070

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

Revision #3 May 2010
(5 Gallon Formulas added March 2012)

ZAR DECK AND SIDING STAIN TINTING FORMULATION

MATCHING: ZAR SEMI-TRANSPARENT DECK AND SIDING COLORS

SYSTEM: ACE 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

AXX - Exterior Yellow
B - Lamp Black
C - Yellow Oxide
D - Thalo Green
E - Thalo Blue
F - Red Iron Oxide
KX - Titanium Dioxide
L - Raw Umber
R - Exterior Red

ACORN BROWN

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 22 | B | 1 | 40 | B | 9 | 8 |
| F | 0 | 6 | F | 0 | 24 | F | 2 | 24 |
| L | 0 | 25 | L | 2 | 4 | L | 10 | 20 |

BARNBOARD

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 21 | B | 1 | 36 | B | 8 | 36 |
| C | 0 | 10 | C | 0 | 40 | C | 4 | 8 |
| F | 0 | 2 | F | 0 | 8 | F | 0 | 40 |

BEECHWOOD GRAY

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 5 | B | 0 | 20 | B | 2 | 4 |
| C | 0 | 6 | C | 0 | 24 | C | 2 | 24 |
| L | 0 | 22 | L | 1 | 40 | L | 9 | 8 |

BEIGE

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|--------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 7+1/96 | C | 0 | 30 | C | 3 | 6 |
| L | 0 | 9 | L | 0 | 36 | L | 3 | 36 |

BURLEY

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 31 | B | 2 | 28 | B | 12 | 44 |
| F | 0 | 26 | F | 2 | 8 | F | 10 | 40 |

BURNT WOODS

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 14 | B | 1 | 8 | B | 5 | 40 |
| C | 0 | 12 | C | 1 | 0 | C | 5 | 0 |
| F | 0 | 14 | F | 1 | 8 | F | 5 | 40 |

CAPE COD GRAY

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 6 | B | 0 | 24 | B | 2 | 24 |
| C | 0 | 1 | C | 0 | 4 | C | 0 | 20 |

CEDARWOOD

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|--------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 25 | C | 2 | 4 | C | 10 | 20 |
| F | 0 | 2+1/96 | F | 0 | 10 | F | 1 | 2 |
| L | 0 | 10 | L | 0 | 40 | L | 4 | 8 |

DEEP CHARCOAL

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|---------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 13+1/96 | B | 1 | 6 | B | 5 | 30 |
| KX | 0 | 6 | KX | 0 | 24 | KX | 2 | 24 |
| L | 0 | 3+1/96 | L | 0 | 14 | L | 1 | 22 |

DESERT SAND

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 9 | C | 0 | 36 | C | 3 | 36 |
| F | 0 | 1 | F | 0 | 4 | F | 0 | 20 |
| L | 0 | 30 | L | 2 | 24 | L | 12 | 24 |

FAWN

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 15 | C | 1 | 12 | C | 6 | 12 |
| F | 0 | 1 | F | 0 | 4 | F | 0 | 20 |
| L | 0 | 22 | L | 1 | 40 | L | 9 | 8 |

FOREST GROVE

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|---------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 12+1/96 | C | 1 | 2 | C | 5 | 10 |
| D | 0 | 4+1/96 | D | 0 | 18 | D | 1 | 42 |
| KX | 0 | 2 | KX | 0 | 8 | KX | 0 | 40 |
| L | 0 | 12+1/96 | L | 1 | 2 | L | 5 | 10 |

GEORGETOWN GRAY

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 12 | B | 1 | 0 | B | 5 | 0 |
| C | 0 | 3 | C | 0 | 12 | C | 1 | 12 |
| E | 0 | 4 | E | 0 | 16 | E | 1 | 32 |

GOLDENDALE

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|---------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 18+1/96 | C | 1 | 26 | C | 7 | 34 |
| L | 0 | 3 | L | 0 | 12 | L | 1 | 12 |

LYNCHBURG GREEN

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|--------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 1 | B | 0 | 4 | B | 0 | 20 |
| C | 0 | 4 | C | 0 | 16 | C | 1 | 32 |
| E | 0 | 1+1/96 | E | 0 | 6 | E | 0 | 30 |

MAHOGANY

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|--------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| AXX | 0 | 4 | AXX | 0 | 16 | AXX | 1 | 32 |
| E | 0 | 7+1/96 | E | 0 | 30 | E | 3 | 6 |
| R | 0 | 42 | R | 3 | 24 | R | 17 | 24 |

MANOR BROWN

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 27 | B | 2 | 12 | B | 11 | 12 |
| C | 0 | 16 | C | 1 | 16 | C | 6 | 32 |
| F | 0 | 4 | F | 0 | 16 | F | 1 | 32 |
| KX | 0 | 2 | KX | 0 | 8 | KX | 0 | 40 |

NATURAL HONEY TONER

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|--------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 7+1/96 | C | 0 | 30 | C | 3 | 6 |
| F | 0 | 0+1/96 | F | 0 | 2 | F | 0 | 10 |
| L | 0 | 1+1/96 | L | 0 | 6 | L | 0 | 30 |

NATURAL REDWOOD TONER

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 2 | C | 0 | 8 | C | 0 | 40 |
| F | 0 | 2 | F | 0 | 8 | F | 0 | 40 |
| L | 0 | 3 | L | 0 | 12 | L | 1 | 12 |

NAVAJO WHITE

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|--------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 2+1/96 | C | 0 | 10 | C | 1 | 2 |
| L | 0 | 3+1/96 | L | 0 | 14 | L | 1 | 22 |

PARCHMENT

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 2 | C | 0 | 8 | C | 0 | 40 |
| L | 0 | 1 | L | 0 | 4 | L | 0 | 20 |

PILGRIM BLUE

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 8 | B | 0 | 32 | B | 3 | 16 |
| E | 0 | 16 | E | 1 | 16 | E | 6 | 32 |

REDWOOD

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 16 | B | 1 | 16 | B | 6 | 32 |
| F | 0 | 28 | F | 2 | 16 | F | 11 | 32 |
| R | 0 | 4 | R | 0 | 16 | R | 1 | 32 |

RUSTIC

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 7 | B | 0 | 28 | B | 2 | 44 |
| C | 0 | 14 | C | 1 | 8 | C | 5 | 40 |
| F | 0 | 26 | F | 2 | 8 | F | 10 | 40 |

RUSTIC BROWN

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| C | 0 | 8 | C | 0 | 32 | C | 3 | 16 |
| F | 0 | 4 | F | 0 | 16 | F | 1 | 32 |
| L | 0 | 42 | L | 3 | 24 | L | 17 | 24 |

SANDPIPER

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 3 | B | 0 | 12 | B | 1 | 12 |
| C | 0 | 6 | C | 0 | 24 | C | 2 | 24 |

SMOKE

658 DARK BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 34 | B | 2 | 40 | B | 14 | 8 |
| KX | 0 | 3 | KX | 0 | 12 | KX | 1 | 12 |

STONEHEDGE

657 LIGHT BASE

| QUART | | | GALLON | | | 5 GALLON | | |
|--------|------|--------|--------|------|------|----------|------|------|
| COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S | COLOR. | OZS. | 48'S |
| B | 0 | 11 | B | 0 | 44 | B | 4 | 28 |
| C | 0 | 1+1/96 | C | 0 | 6 | C | 0 | 30 |

