

GENERAL INFORMATION:

The following pages were written so that anyone who has not mixed paint previously would find that it is not a difficult task.

It should be noted that because of the different bases used and varying amounts of colorant, some colors may require additional shaking. Also, some colorants disperse more than others.

Remember that different light sources may make colors appear different from what they actually are. Also, color chips may change slightly due to aging and exposure to light and heat.

The surface texture to which the paint is applied and the sheen level of the desired product both have an effect on the final color appearance.

FORMULA BOOK:

1. GENERAL INFORMATION

Lists the colorants and bases. Explains the tint formulas.

2. ALPHABETICAL INDEX

Enables you to find a formula when you have the color name and not the color number.

3. FLAT & EGGSHELL FORMULAS

Formulas for tinting the lower sheen products.

4. SATIN/SEMI-GLOSS & GLOSS FORMULAS

Formula for tinting the higher sheen products. Sheen or gloss level of the paint may alter color appearance. All chips are shown as flat.

5. COLOR CARD FORMULAS

Formulas for tinting your color card colors and ready-mixed colors that are not part of the color system.

Tinting Bases:

There are 3 basic tinting bases of various tint strengths in this system. The bases are:

Pastel Base
Tint Base
Clear Base

Colorants:

There are 12 colorants used in this system.
They are:

<u>Canister Designation</u>	<u>Colorant Name</u>	<u>Product Number (LC-76)</u>
AXN	New Hansa Yellow	1913
B	Lamp Black	1991
C	Yellow Oxide	1977
D	Thalo Green	1921
E	Thalo Blue	1932
F	Red Oxide	1935
I	Brown Oxide	1997
KX	White	1900
L	Raw Umber	1988
M	Magenta	1982
S	Red	1947
T	Medium Yellow	1914

FORMULA INFORMATION.....

For tinting the colors in this system, formulas were set up showing the colorant letter designation, followed by a set of numbers and/or letters to indicate the amount of the designated colorant to be used.

Example: B-2Y24 with "B" referring to Lamp Black Colorant.

The formulas refer to ounces and/or fractions of an ounce of colorant. The ounce being divided into 48 fractions. Any reference to 1/2 refers to one-half of 1/48 of an ounce. Some tint machines may have a 1/96 to indicate 1/2 of 1/48.

The formulas are constructed in such a manner as to eliminate any possible confusion between full ounces and fractional ounces. This was accomplished by assigning the letter "Y" to indicate one full ounce. If multiple full ounces are required, the number of full ounces is shown directly in front of the letter "Y". Thus, one ounce would show as Y, two ounces as 2Y, three ounces as 3Y, etc.

The numbers found directly behind the letter "Y" indicate the fractional amount of the ounce of colorant required. The above example of B-2Y24 translates as two full ounces plus 24 fractions of an ounce of the Lamp Black colorant "B".

COLOR NUMBER:

Color numbers (i.e., 10001) precede color names in the formula book. A color number consists of a 3 digit number followed by a hyphen and single digit. The first three digits indicate the number of the color chip strip. The single digit indicates the position of the color chip on the strip. Numbering is top to bottom.

NOTE: Replacing Chip Strips.....

The exposed number on the chip strip (i.e., 10001) is the number of the strip itself and should be used when ordering strips for the chip display. Use the special "postcard order form" for faster service. When you receive your new shipment of strips, another postcard will accompany it to use for your next order.