
TAL 4000 System

PRODUCT INFORMATION

System 4000 is a series of formulas using Mix and Match Color Concentrates that, in combination with the appropriate base, allow the printer to produce press ready color. These formulas, when followed carefully, give the printer quality finished inks at reduced freight, inventory and storage costs.

BASES

System 2001 Base – when producing colors for use on natural fiber goods and some blends. Available as a finished product but can also be made from BCT Concentrate (See formula – high shear mixer required).

COLOR CONCENTRATES

System 4000 Color Concentrates – These highly concentrated pigment concentrates have been chosen in a color range that gives the colorist the ability to match an almost endless range of colors. This includes those specified in most color matching systems currently used by our industry.

USING FORMULAS

Formulas are provided in 100 lb. quantities along with the theoretical yield and weight per gallon. For lesser or greater amounts calculate the weight of the number of gallons needed and multiply that weight by the percentage shown for each component of the 100 lb. formula.

For example:

To make 5 gallons of 2001 Clear Base

Step 1 multiply the weight by 5
 $8.381 \times 5 = 41.905$

Step 2 multiply the total weight needed by the percentage shown of each ingredient in the formula

BCC-1100 Concentrate	13%	x 41.905 =	5.448
CON 28 Thickener	4%	x 41.905 =	1.676
WATER	83%	x 41.905 =	34.781
	100%		41.905
YELD	11.932 GAL.	WT/GAL =	8.382



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