



**Applied Manufacturing Technologies, Inc.**

**Product Marking Solutions  
Since 1995**

1464 N. Hundley Street, Anaheim CA 92806

Tel: (714) 630-9530; Fax: (714) 630-9531

Toll Free: (888) 634-1143

Website: [www.amtecinc.com](http://www.amtecinc.com)

E-Mail: [sales@amtecinc.com](mailto:sales@amtecinc.com)

## Ink Color Match



AMTEC will color match for you.

Using the [Marabu-mix system](#), we can match all Pantone, HKS, RAL and [Marabu System 21](#), or we can provide the formulas to you for your own color matching department. We also have the capability of matching PMS on different color substrates.

AMTEC is here to help you be successful. For further information, you may call our customer service department.

Marabu, in an attempt to optimally meet the color requirements of our customers, has developed the concept of a color program. While focusing on the strengths of screen-printing such as brilliance, opacity, and resistance, this concept has incorporated popular color reference systems into a modern computerized color metric package.

### **Marabu Color Manager MCM (Ink Management Software)**

Achieving color match accuracy by using a low-cost, efficient, and user-friendly format has never been easier than with the Marabu-Color Manager. The comprehensive database provides formulas for PANTONE®, HKS®, and RAL® ink series.

You can quite simply

- Recall formulas immediately and calculate it for any quantity
- Calculate the ink consumption for the respective print job
- Save and store your own formulas
- Weigh each ingredient directly as shown on the monitor – via a connected scale



### **Marabu-mix**

Computerized color formulation program with spectrophotometer, providing calculations of screen printing ink formulas to reproduce desired color standards. This program also enables systematic comparison and documentation for quality control purposes. This ideal color metric system enables the following:

- Reads and measures presented color standards
- Computer generated formulas
- A Delta E comparison between a generated formula print specimen with the original standard.
- Optimization of the formula, by means of the adjustment program, if divergence is excessive, e.g. by means of a background color or using special printing parameters.
- Quality control to the standard of subsequent production run

### **Marabu Color Formulator MCF (The system for color formulation and quality control)**

This ideal color matching system allows copying and calculating any color matches you need. MCF works either with a portable or a stationary spectrophotometer in connection with the corresponding software and database especially designed for screen and pad printing.

With the MCF you can

- Measure the original
- Pre-select substrate, ink film thickness, opacity and choice of basic shades
- Generate a formula
- (If necessary), optimize the formula by using the correction program
- Control and document systematically and objectively the constancy of the color shade within the series production

This color range for solvent-based pad printing inks includes 17 opaque and semi-transparent/transparent basic shades, which are intermixable. With this system, almost all popular design color systems can optimally be reproduced. All basic shades of the System Tampacolor correspond to the standard DIN EN 71, part 3, and therefore can also be used for printing onto toys. The System Tampacolor is used for all newly launched ink types. Some existing types have already been changed to the new color range.

## **Marabu System 21**

The Marabu System 21 offers an extensive range comprising 168 shades based on 21 standard colors. These can very easily be mixed from a maximum of four basic colors in accordance with Marabu-data mix formulas. These formulas are available in all the major Marabu Ink Series especially for graphic screen-printing applications.

## **Original PANTONE\*\* Basic Shades**

Marabu aids in attaining the requirement of the screened pad printer for the reproduction of PANTONE\*\* colors by offering nine genuine PANTONE\*\* basic colors in its Marastar SR, Tampapur TPU, Tampastar TPR and Libragloss LIG series of inks. These have been tested and approved by Pantone USA within the terms of a licensing agreement. Mixture formulas for all the PANTONE\*\* colors can be called up in the Marabu-data mix system.

## **Special Basic HKS colors**

Marabu has included four special, brilliant, basic HKS colors in its Marastar SR ink series, permitting the optimum reproduction of HKS colors. In combination with basic colors from the Marabu System 21, the HKS colors contained in the HKS sample book can be reproduced. Formulas are contained in the Marabu-data mix computerized formula management program.