

Mixing System

Technical Data Sheet #214

Revised 07/15/08

Wet Ink Tack	Base dependent
After Flash Tack	Base dependent
Printability	Base dependent
Surface Appearance	Base dependent
Opacity/Viscosity	Base dependent
Bleed Resistance	Base dependent
Gel Point/Flash Time	Base dependent
Fusion Temperature	Base dependent
Squeegee Hardness	Base dependent
Squeegee Blade	Base dependent
Squeegee Angle	Base dependent
Squeegee Speed	Base dependent
Underlay	Base dependent
Flood Stroke	Base dependent
Print Stroke	Base dependent
Emulsion	Direct, Indirect, Capillary film
Mesh Count	Base dependent
Screen Tension	As recommended for mesh
Extender	Base dependent
Thinner	Base dependent
Thickener	M00010 Thickener #10 (Powder)
Storage	65°F to 95°F (18° C to 33° C) Avoid direct sun
Cleanup	Bio-degradable screen wash
MSDS	#1
Color Range	See Available Colors
Substrate Type	Base dependent
Substrate Color (s)	Base dependent

CB Color Boosters

Description

Color Booster's or CB's were developed as a means of enhancing the existing M2 Primaries offering a darker, more saturated color. Color Boosters may also be mixed with MS0000 Clear or MH0538 Opaque Base for creating any M2 Primaries used for a PANTONE® match. Mix Color Booster into any of the following bases to create custom colors in the series of your choice.

- | | |
|----------------------------|---------------------------------|
| 1. M20063 M2 Base | 7. NG0026 Thermo-Line Clear |
| 2. HS0153 Hot Split Base | 8. NM0053 Nylon Mesh Clear |
| 3. MH0538 Opaque Base | 9. NP0004 Puff Base |
| 4. MS0000 Primer Clear | 10. ND3101 Luminescent Base |
| 5. ML0749 LB Jersey Base | 11. MH0540 V.O. Base |
| 6. MX0031 Spand-E-Sol Base | 12. SD0247 Soft Density Natural |

Color Boosters are not "raw" pigment concentrates in plasticizer. Color Boosters have binders and will fuse which does not upset the pigment to binder ratio of the finished product. Maximum usage level is 50% by weight (base dependent). This is more than twice the amount recommended or allowed with conventional "raw" pigment concentrates to offer a deeper, more saturated color. Even though each Color Booster will fuse, they should not be printed as a press-ready plastisol.

Features

- Single pigment concentrates for use with the M2 system or for creating specialty inks when mixed with other bases.
- Safe and easy method for enhancing M2 colors.
- Mix M2 primaries, then PANTONE® colors, or Mix straight to the desired PANTONE® color using new formulas provided by Rutland
- Mix CB's into one of any number of Rutland Specialty Bases to create custom colors.

Application

Mix Color Booster into like M2 color for enhancement (40% by weight maximum). Mix PANTONE® colors with new formulas or simply adjust M2 colors as needed (not to exceed 50% total pigment concentrate in base). Thicken with M00010 Thickener #10 to increase opacity if so desired.

Available Colors

Standard	Fluorescent
CB1440 Violet	CB1017 FL. Magenta
CB2441 Blue #1	CB1037 FL. Violet
CB2442 Blue #2	CB4041 FL. Lemon
CB2443 Marine	CB6056 FL. Red
CB3443 Green	
CB4449 Yellow	
CB6446 Scarlet	
CB6447 Red	
CB6449 Permanent Red	
CB8394 Black	
CB9256 White	