

CHROMABlue®

Pure Photopolymer Emulsion

ChromaBlue is the preferred emulsion for textile printers seeking faster screen turnaround without sacrificing image quality.

- **Very fast exposing**
- **Fast drying**
- **Superior mesh bridging**
- **Excellent reclaimability**
- **Extremely high solids - lower cost per screen**
- **Ideal for automated reclaim systems**
- **LED exposure system compatible**
- **Recommended for use with CTS systems**
- **Plastisol and silicone inks only**

Premium Quality

ChromaBlue is the most often imitated, but never duplicated photo emulsion in the industry.



CHEMICALS REQUIRED

Chroma/Wet™ iSC
degreaser / adhesion promoter

Chroma/Strip™ iSC
ready-to-use stencil remover

RECOMMENDED

Chroma/Fill™ Red iSC
screen blackout

SAFETY AND HANDLING

ChromaBlue emulsion should be handled like any other direct emulsion. This material is not hazardous when used within reasonable standards of industrial hygiene and safe working practices. Refer to SDS for further information.

STANDARD SIZES

Quart, gallon, 3.5 gallon, 50 gal. drum
(Available in dyed formulation only)

SPECIFICATIONS

Appearance:	Blue
Viscosity:	5000 CPS
Solids:	50% (no inert fillers)
Exposure:	Very Fast (see reverse)

STORAGE

ChromaBlue emulsion should be stored at room temperature and should not be stored at temperatures above 80°F (27°C) or below 32°F (0°C). ChromaBlue pure photopolymer emulsion should be stored in its original container.

Protect from freezing. ChromaBlue is not freeze/thaw stable.

MATERIALS REQUIRED

Exposure unit
Clean work area
Washout area
Scoop coater

RECOMMENDED

Pressure washer
Drying cabinet



INSTRUCTIONS

DEGREASE

Work up a lather on both sides of mesh to degrease. Be sure to use only a high-quality mesh degreaser, such as Chroma/Wet iSC designed specifically for this purpose. Rinse thoroughly.



COAT

Fill scoop coater with room temperature emulsion. Slowly apply first coat to print side. Next, coat squeegee side with 1-3 coats depending upon thickness required. **For most art, a 1X1 coating will be optimal.** If a thicker stencil is required, apply additional wet-on-wet coatings from the squeegee side.



Note:

- ChromaBlue is presensitized. Stir before use.
- Keep pail covered when not in use.
- Return clean unused emulsion from scoop coater to pail and cover as soon as possible.

DRY

Dry screen thoroughly in horizontal position with print side down, using a completely clean and dark drying cabinet. Temperature should not exceed 110°F (43°C).



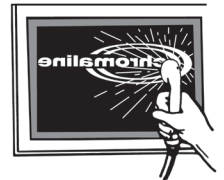
EXPOSE

Using the 10-Step Exposure Guide to determine proper exposure times for ChromaBlue, place emulsion side of photopositive in contact with print side of screen. Exposure times for ChromaBlue are very short and accurate exposure is important for optimal results. See *exposure guidelines at right.*



DEVELOP

Gently spray both sides of screen with lukewarm water, wait 30 seconds then gently wash print side of the screen until image is fully open. Rinse both sides thoroughly. Dry screen completely and you are ready to print.



RECLAIM

Apply a high quality screen reclaimer, such as Chroma/Strip iSC to both sides. Scrub area to be reclaimed with a stiff nylon brush to ensure entire surface is wet and let sit until stencil begins to dissolve. Remove stencil residue with pressure washer, then rinse with hose, thoroughly flooding screen and frame.



*Do not let reclaimer dry

EXPOSURE GUIDELINES

Note: Exposure times are suggested only as a guide. Individual exposure times may vary depending upon equipment used, bulb age, and other shop conditions. Suggested exposure times are as follows:

Suggested starting exposure times on QuickImage LED exposure unit:
110 white mesh: 13-17 sec
110 yellow mesh: 14-28 sec

* Exposure times were determined using the Chromaline Exposure Calculator.