

ChromaTech® WR

PHOTOPOLYMER EMULSION

Use for waterbased textile printing:

- Fast Exposure
- Excellent mesh bridging
- Sharp image quality
- Resistance to plastisol, water and discharge inks
- Diazo may be added to increase the water resistance



MATERIALS

REQUIRED

Exposure unit
Washout area
Clean work area
Scoop coater

RECOMMENDED

Pressure washer

CHEMICALS

RECOMMENDED

Chroma/Clean™
mesh degreaser
Chroma/Strip™
screen reclaimer
Chroma/Haze™
haze remover

SAFETY AND HANDLING

ChromaTech®WR 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 MSDS for further information.

STANDARD SIZES

Quart, gallon

SPECIFICATIONS

Appearance: Blue
Solids: 45-47%
Viscosity: 10,000–17,000 CPS
Other: available upon request

SPECIAL INSTRUCTIONS

Mild or screen safe chemicals are recommended to reduce potential for stencil lock-in.

STORAGE

ChromaTech®WR emulsion has a shelf life of 24 months at room temperature (60° to 80°F).

Protect from freezing. ChromaTech®WR is not freeze/thaw stable. Freezing during shipping may result in high viscosity and may cause the emulsion to become unusable.



CHROMALINE SCREEN PRINT PRODUCTS

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ChromaTech®WR EMULSION



INSTRUCTIONS

DEGREASE

Using Chroma/Clean™ mesh degreaser, work up a lather on both sides of mesh. Flood screen and frame thoroughly with garden type hose, then dry.

COAT

Fill scoop coater with room temperature emulsion. Slowly apply first coat to print side. Then coat squeegee side with one to three coats depending upon thickness required. If thicker stencil is required, additional coats may be applied to print side after initial drying of stencil. Be sure to dry thoroughly between coats.

DRY

Thoroughly dry screen prior to exposure. Temperature should not exceed 110°F (43°C).

EXPOSE

Exposure tests must be performed on the ChromaTech®WR emulsion to determine proper exposure times.



DEVELOP

Gently spray both sides of screen with tepid 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 Chroma/Strip™ screen reclaimer to both sides of screen. Scrub area to be reclaimed with a stiff nylon brush to ensure entire surface is wet and let it work a few moments until stencil begins to dissolve. Remove stencil residue with pressure washer, then rinse with garden type hose, thoroughly flooding screen and frame.



For Technical Service
Call Toll Free **1-800-328-4261**
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