

BASELAYR

SCREEN EMULSIONS



BASELAYR
LONG LASTING EMULSION

LONG LASTING EMULSION

TOXIC CLASSIFICATION: Not a hazardous substance or mixture.

FIRST AID: EYES: Rinse thoroughly with plenty of water. Consult a physician if irritation develops or persists. **SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. **INHALATION:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

RESPONSE: Refer to the product SDS for emergency, hazard identification, handling, storage and disposal information. Consult your local fire department for disposal and handling information for disposal and handling.

STORAGE AND HANDLING: Store in original container. Do not use if container is damaged. Avoid contact with skin and eyes.

**INTERACTIVE
HYPERLINKS INSIDE**

**20
22**

LONG LASTING EMULSION



Elevate your darkroom with Baselayr Long Lasting Emulsion. It's a high-performance, high solids, dual cure emulsion designed for printers who are either new to screen printing, do not have a proper light-safe darkroom, or do not have an LED or better exposure unit. The emulsion works with water-based and plastisol inks – the dominant ink types on the market today.

Formulated with both novice and advanced screen printers in mind, burned images will rinse out effortlessly and screens will reclaim easily when the stencil is properly dried and exposed. Baselayr Long Lasting will work with virtually all exposure units. Specifically created to be user-friendly, Baselayr Long Lasting is an emulsion all printers can rely on.

FEATURES:

- Resistant to all water-based ink systems.
- No emulsion hardeners are needed.
- Durable enough for print runs using aggressive water-based and discharge ink systems.
- Holds great detail while printing.
- High solids concentration allows for superior bridging of mesh.
- Uses diazo, which enhances detail resolution.

QUART - SKU: CMEM-BLC-Q
GALLON - SKU: CMEM-BLC-Q
5 GALLON - SKU: CMEM-BLC-Q

PLASTISOL EMULSION



Elevate your darkroom with Baselayr Plastisol Emulsion. It's a high-performance, high solids emulsion made for shops mainly printing plastisol inks.

Designed with high detail and high resolution in mind, images will rinse out effortlessly and screens will reclaim easily when the stencil is properly dried and exposed. It's recommended to use an exposure unit with a higher wattage LED like the Baselayr Exposure Units or with Metal Halide lamp systems.

Baselayr Plastisol is designed to hold up during long plastisol print runs when correctly and fully exposed (solid step 7). As a bonus, you can do short-run water-based printing with proper post-exposure or by using Baselayr Emulsion Hardener (non-reclaimable). Whatever you're printing, you can rely on Baselayr Plastisol Emulsion.

FEATURES:

- Holds great detail while printing on both the manual and automatic.
- High solids concentration allows for superior bridging of mesh.
- Extremely fast exposure time for quicker screen burning.
- Short run, water resistance if post exposed or hardened.

QUART - SKU: CMEM-BLC-Q
GALLON - SKU: CMEM-BLC-Q
5 GALLON - SKU: CMEM-BLC-Q

COMPLETE EMULSION SYSTEM



Elevate your darkroom with Baselayr Complete. It's a high-performance, high solids emulsion made for shops that need the most out of their emulsion. Baselayr Complete was specifically created to work with the most demanding ink types. You can print all water-based, solvent-based, discharge, silicone, plastisol, and UV inks with this emulsion – it's designed to perform. Made with high detail and high resolution in mind, images will easily rinse out and screens will painlessly reclaim when the stencil is properly dried and exposed. Exposure units with higher wattage LED like the Baselayr Exposure Units are recommended. The emulsion also works well with metal halide lamp systems. Baselayr Complete is designed to hold up during long print runs when correctly and fully exposed (solid step 7). If you need greater resistance or are doing a larger run, add diazo or post-expose for greater durability.

FEATURES:

- Water-resistant and solvent-resistant.
- No emulsion hardeners are needed.
- Durable for long print runs using aggressive water-based and discharge ink systems.
- Holds great detail while printing on both the manual and automatic presses.
- High solids concentration allows for superior bridging of mesh.
- Extremely fast exposure time for quicker screen burning.
- Pre-sensitized.
- Diazo is available as an option for those who desire higher details or resolution.

QUART - SKU: CMEM-BLC-Q
GALLON - SKU: CMEM-BLC-Q
5 GALLON - SKU: CMEM-BLC-Q



EMULSION PREP

SKU: CMEM-BLPREP-Q

Baselayr Emulsion Prep is a high-tech degreaser formulated to improve the lives of all emulsion stencils during printing. The emulsion prep increases the stencil lifespan specifically for those printing water-based and discharge inks. The green-colored degreaser removes all dust and oils from both new and previously reclaimed screens to eliminate pinholes, fisheyes, and streaks in the emulsion. The prep contains a special chemical that helps all emulsions create a superior bond to the mesh.

DIAZO

SKU: CMEM-BLDIAZO-C-Q

Do you need even greater details in your designs, want to push the boundaries of the resolution, or require greater initial stencil durability? Use Baselayr Complete with Complete Diazo. With the addition of diazo, exposure times will increase about 3x but the image resolution will be greatly enhanced. Plus, the longer initial exposure time will greatly increase the stencil's longevity on the press, exemplifying a similar performance to a long post-exposure/leaving your screens in the sun to dry.

EMULSION HARDENER

SKU: CMEM-BLHARDENER-Q

Strengthen screens and increase durability with Baselayr Emulsion Hardener. While Baselayr Emulsion Hardener can be used with plastisol-focused emulsions, its main purpose is for screens that are used with aggressive ink systems like discharge, high solids water-based, and traditional water-based. Printers needing longer-lasting screens for high production printing on automatic presses or repeated screen usage could also use Emulsion Hardener.

