

Mara® Ban CS anti-microbial technology adds an additional layer of protection to your digital prints. When combined with ClearShield water-based liquid coatings, prints will now be protected from microbes as well as have UV-protection, chemical resistance, and abrasion resistance.

Vers. 1
2020
27. June

Anti-Microbial Properties

MaraBan uses a patented Silver Ion additive proven to inhibit the growth of microbes on coated surfaces. Independent lab tests have confirmed substrates protected with MaraBan pass JIS Z 2801 standard test. The protection will be active for as long as the coating remains on the substrate.

Field of application

MaraBan CS can be mixed with any ClearShield formula to protect prints in applications such as healthcare facilities, schools, restaurants and other retail environments.

Instructions

Please refer to the ClearShield SDS for proper personal protection equipment.

Shake well before use.

Using a ratio of 32:1 measure the desired amount of ClearShield into an approximate sized container. Only mix the amount of coating that will be used within six hours.

ClearShield	Mara Ban CS
1 QT (32 fl. Oz)	1 fl. oz.
½ Gallon QT (64 fl. Oz)	2 fl. oz.
1 Gallon (128 fl. Oz)	4 fl. oz

Pour the MaraBan into the ClearShield and stir for five minutes. Avoid "whipping" or mixing air into the solution to prevent bubbles on the coated substrate.

Apply as directed on the ClearShield container. Unused coating mixed with MaraBan will discolor after 6 hours.

Applications

Wall Coverings
POP Displays
Banners
Signage

Drying

Similar to paint, ClearShield will be dry to the touch in about 60 minutes depending on temperature and humidity. The product will be fully cured and achieve final coating properties (scratch and chemical resistance) after 24 hours.

Physical Properties

Appearance: A milky white liquid
Unmixed Mara Ban will separate in the container. Always shake well before use

Recommended Cleaners

For coated surfaces:

Soap/Water
Formula 409®
Simple Green®

Storage

The coating should be stored in the a container with a tightly closed lid. Store the liquid in conditioned space, 60 - 80°F. DO NOT allow to freeze

*The manufacturer cannot guarantee or warrant the durability of any print if not used in accordance with the Clear Shield instructions, indications, and warnings provided with the Clear Shield product.