

ClearShield Select for StarLam



Water-based liquid coating that offers the same as film laminates while saving as much as 60% in production cost.

UV-protection, chemical resistance, abrasion resistance and flexibility are just some of the benefits of using ClearShield.

Vers. 1
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Field of application

ClearShield Select for StarLam is designed to be used with liquid laminators such as the StarLam 1600R with non-water sensitive media and ink.

Applications

Banners
Billboards
Signage
Vehicle Graphics

Instructions

Use as supplied. Mix well before use. Stir contents well. Do not shake. Follow the instructions provided by the liquid laminator manufacturer. Apply to clean, dry surfaces, at temperatures above 65°F (18°C). The coater can be cleaned with fresh water. Always test printed substrates before use. Consult Marabu for additional information.

Drying

The product will be fully cured and achieve final coating properties (scratch and chemical resistance) after 24 hours. Dry time will vary with the temperature, humidity and airflow.

Yield

Yield will vary based on application method and coater rod size. Typical applications 600 – 650 ft² per gallon.

Fade resistance

ClearShield's advanced UV inhibitors can protect prints outdoors for up to five years under normal conditions. The durability of the print is determined by many factors including ink type, media, and climate.*

Clean Up

Use clean, hot water to rinse coating rods and machine parts that come into contact with the coating.

Physical Properties

Appearance: A milky white liquid
Viscosity: 21 - 24 seconds with a Zahn EZ #2
Density: 8.7 lbs/gallon
pH - 8.0 - 8.2

Recommended Cleaners

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 the coating to freeze. Semi-gloss and matte coatings should be stirred well before using.

*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.

Marabu