
Wall Armor is specifically formulated for digitally printed wall covering applications.

Stain and chemical resistance, abrasion resistance and flexibility are just some of the benefits of using ClearShield.

Field of application

ClearShield Wall Armor can be manually applied or used on automatic liquid lamination equipment to protect digitally printed wall coverings.

Applications

Digitally Printed Wall Coverings

Instructions

Use as supplied. Mix well before use. Do not shake. One to two coats are sufficient for most manually applied applications. Allow coat to dry to the touch prior to the application of a 2nd coat. Apply to clean, dry surfaces, at temperatures above 50°F (10°C). Clean up with soap and water. For roll application, use with a 3/16" short-nap roller or a high-density foam roller. ClearShield is easy to apply using an HVLP gravity-fed spray gun. We recommend using a 1.3 to 1.6mm tip and a psi of 45 - 55. For automated machine application, a #24-25 Mayer bar is suggested. Please follow machine instructions. Consult Marabu for additional information. Always test printed substrates before use.

Drying

Manually applied coating 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. Allow 45 - 60 minutes to be dry to the touch.

Yield

Yield will vary based on application method and technique. Typical rolled applications produce 460 - 480 ft² per gallon. Spray applications produce approximately 400 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 rollers and spray equipment.

Physical Properties

Appearance: A milky white liquid
Viscosity: 24 - 27 seconds with a Zahn EZ #2
Density: 8.6 lbs/gallon
VOC levels: 314 g/L
pH - 8.2 - 8.5

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.

*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.