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PRODUCT INFORMATION

GRAFFITI PRIMER for Graffiti Proof

Description

Graffiti Primer is a single pack water based clear that has been formulated to apply as a primer to improve the adhesion of Graffiti Proof onto digitally printed vinyl substrates.

Graffiti Proof is a two part polyurethane and has excellent chemical resistant properties to combat graffiti attacks but sometimes has poor adhesion on some types of printers and inks. This is particularly relevant when vinyl skins are stretched onto frames.

Application of Graffiti primer will generally eliminate this problem. However, it is best to thoroughly test as there is a huge range of printers on the market including solvent, eco solvent, UV cured, latex and new inks continue to be introduced. They all react differently.

Surface Preparation

The success of this product is determined by the level of adhesion to the substrate and ink. Generally no surface preparation is required, but if the surface is contaminated then the Graffiti Primer may not wet the surface and cissing (does not form a continuous film or may form beads on the surface) may occur. If cissing occurs, then a wipe over with a damp cloth then a dry cloth prior to application may help.

It is also important that the ink is completely dry to prevent outgassing. Check with the ink manufacturer for drying specifications.

Application

This product is a primer so one medium coat is only required. It may sometimes bubble on application. This can be caused by the type of substrate, ink and paint system or the method of application.

Brush – best for small areas using a high quality brush. Work in different directions to obtain an even finish.

Pad Applicator – These are made of a fine fabric attached to foam and are available in many different sizes and configurations. Use on smooth surfaces only - the pad glides over the surface without creating bubbles. Best used on a horizontal surface.

Spraying – HVLP or Conventional. Use a 2 mm fluid tip and 280 – 420 KPa (40-60psi) Apply a light mist coat to seal the print and allow to dry (10 to 20 minutes) then apply a medium coat.

Roller – Use a 4mm nap micro fibre sleeve that is DRY. (residual water in the roller will thin the clear and may cause foaming) Load the roller to ensure the clear is absorbed completely into the roller fibres. Use medium pressure and move the roller slowly over the surface in different directions to obtain an even coverage. Lay off with a light pressure roll.

Drying

Do not apply if the temperature is below 10°C or in high humidity. Under normal drying conditions it will be touch dry within 20 minutes and can be coated with graffiti proof after 2 hours.

Coverage

Allow 16 square metres per litre

Thinning and Cleaning

If thinning is required use clean water only. Addition of too much water may cause foaming problems. Clean equipment with water. Methylated spirits will soften freshly applied Graffiti Primer and assist in cleaning.

Availability

500 ml, 2 litre, 4 litres

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