



COMPUTALETA

Specification Sheet: ***UV Digi Clear – Water based***

TRADE PRICE

DIGICLEAR

1 litre	\$49.36 + GST
4 litres	\$145.75 + GST

PRIMER (IF REQUIRED)

1 litre	\$40.65 + GST
4 litres	\$109.20 + GST

DIGITAL LIQUID LAMINATES

Water based clear protective coatings for inkjet vinyl media

UV DIGI Clear is a water based clear that has been formulated to apply onto various digitally printed substrates. It is a water white clear that will impart mar and scratch resistance, water resistance and some chemical resistance. It is non-yellowing and contains UV absorbers to improve outdoor stability of the print. Although UV Digi Clear is highly flexible and is particularly suitable for vinyl surfaces, it could also be used for canvas, paper and rigid surfaces.

Use:

UV Digi Clear is water based and therefore can only be used on substrates, inks or pigments that are *not* water sensitive. Note: Some water based inks are water resistant. Use Viponds Digi Clear solvent base for water sensitive inks and substrates.

Surface Preparation:

The success of this product is determined by the level of adhesion to the substrate and ink. Generally no surface prep is required, but if the surface is contaminated then the UV Digi Clear may not wet the surface and cissing may occur. Sometimes a second application of the UV Digi Clear solves this problem. If cissing occurs, a wipe over with a damp cloth prior to application may help.

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

Application:

This product will sometimes bubble on application. This can be caused by the type of substrate, ink system or method of application.

The best method of application is spraying or using a paint pad applicator. Brushing and rolling agitates the liquid and may cause bubbles.

Pad Applicator: These are made of fine fabric attached to foam and are available in many different sizes and configurations. The pad glides over the surface without creating bubbles.

Spraying: HVLP or conventional. Use a 2mm fluid tip and 280-420KPa (40-60psi) Apply a light mist coat to seal the print and allow to dry (10-20mins). Apply one or two medium coats to the desired finish.

Application (cont)

Do not shake the bottle of Digi Clear. Invert or rotate them a couple of times before use.

This product dries quickly in temperatures above 20 deg. C. Addition of the Viponds Digi Clear retarder will slow the drying to allow longer brushing time.

One coat applied at a rate of 16 square metres per litre per coat will give some scratch and solvent resistance but two coats is required for any UV protection and gloss.

Drying:

Do not apply if the temperature is below 10 deg.C or in high humidity.

Under normal drying conditions it will be touch dry within 20mins and can be recoated after 1 hour. Allow at least 2 hours for a full cure. Allow overnight drying before rolling up prints. This product can be forced air dried.

With the addition of retarder allow longer drying times.

Gloss Level:

UV Digi Clear dries to a gloss finish but the degree of gloss depends on the substrate and the amount of clear applied. A lower gloss finish can be obtained by addition of the Digi Clear Matting Agent.

Thinning and Cleaning:

If thinning is required use clean water only. Addition of too much water may cause foaming problems. Clean equipment with water. Mentholated spirits will soften UV Digi Clear.

Testing:

The digital print market is continually changing, and new substrates and inks are being offered on a regular basis. As the methods and conditions of application and use of this product are beyond the control of Viponds Paints Pty Ltd and Computaleta Services Ltd it is recommended that the customer tests the product thoroughly for their own particular application.