



Vipond's Paints Pty Ltd

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DIGITAL LIQUID LAMINATES

The digital print market continues to be very innovative with cutting edge technology. Printing onto uncoated media, use of environment friendly inks that are water and UV resistant gives the impression that lamination is no longer necessary. This is not completely true.

The decision to laminate a print is dependant on the end use of the print and the type of substrate and ink. Lamination may be thermal (encapsulation), adhesive, cold (pressure sensitive) or liquid. Liquid lamination is a cost effective way to protect prints. It can be applied by spray or paint pad or for volume work by a liquid laminator.

Liquid lamination offers the following

- Scratch and mar resistance
- Solvent, chemical and water resistance
- Weather resistance
- UV resistance
- Graffiti Proof

All of our research and development has been with water based technology because of health and safety issues in the workplace and environmental considerations. Our latest version of UV Digi Clear has improved adhesion and better application properties (low foam). We have also introduced a clear primer to improve adhesion of the liquid laminates on difficult surfaces.

The most recent development is a water based Graffiti Clear that will protect a print from attack from aerosol paints. It also provides UV protection.

The following products are now available

UV Digi Clear is a water based clear that will impart mar and scratch resistance, water resistance and some chemical resistance. It is non-yellowing and contains UV absorbers to improve the outdoor durability 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.

Graffiti Proof is a two part water based clear that will provide protection against graffiti paints. It offers the same properties as UV Digi Clear but has superior chemical resistance to allow the removal of graffiti with Viponds Graffiti Remover.

Graffiti Proof remains flexible and also contains UV absorbers that will provide the same level of UV protection as Viponds UV Digi Clear.

2.

Digi-Clear Primer is a clear waterbased primer to improve the adhesion of UV Digi Clear and Graffiti Proof onto some of the latest eco friendly ink systems. If you are having adhesion problems with liquid laminates then give this primer a try!

Digi-Clear (Solvent) is a solvent based clear that is suitable if the inks used in the digital process are water sensitive. It is water white and will impart water and mar resistance and provide some UV protection on substrates including paper, self adhesive vinyl, polyester, PVC and canvas. It should only be used when the substrate being coated is to be mounted on a rigid surface.

Graffiti Cleaner is a solvent based cleaner to aid the removal of graffiti from Viponds Graffiti Proof.

Testing

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

If you require further technical information or need to discuss your application please call customer service on (03)93504188

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