



Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

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PRODUCT INFORMATION

PRO-PACK CLEAR

Main Characteristics

Finish	Drying	Thinner Wash up	Mesh	Stencil	Coverage	Application	Colour Range
Gloss	Touch dry approx 30 minutes. Full cure 7 days, or as baking schedule.	Thinner FSU180 Retarder FSU182 Wash Up FSU5112.	Mono Filament fabric between 43 and 62t.	Any solvent resistant or dual cures emulsion.	Approx 40 sq Mt per kg.	Per-test all substrates.	Not applicable.

PRODUCT DESCRIPTION:

Pro-Pack Clear is the result of an extensive development to produce a high gloss coating that will protect the underlying print from severe chemical attack, resist extreme weather exposure conditions and improve the general Lightfastness of the underlying print.

The Pro-Pack system is a two pack cross linking Urethane coating system sold as Part A (FSU3780) and Part B (FSU3781). As with Epoxy based products as it must have the catalyst incorporated in the system prior to printing to achieve ultimate results.

For mixing instructions of Part A to Part B, refer to the Additives section of this document. .

The Pro-Pack coating system also incorporates a UV blocking component, this material has a dual effect in protecting the clear coating from ultra violet exposure and assisting the pigmented overprinted area from the effect of extended ultra violet light (fading).

Independent reports have indicated increased U.V light stability (Lightfastness) by up to 30% on prints coated with Pro-Pack Clear over un-coated prints of the same product.

As with all like coatings the effectiveness and protective characteristics of the coating are enhanced by the actual film weight being applied for this reason we recommend that mesh count of no finer then 62t be used when applying Pro-Pack Clear.

Substrate and End-Use:

The system has shown excellent adhesion to a wide range of industrial substrates including powdercoated metals, anodised aluminum, reflective materials, Sign Grade Colourbond®, Masonite®, along with a range of flexible and rigid vinyl.



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Australian Specialty Inks supply this product to a diverse range of users and are un-aware of all applications of the product and strongly recommend comprehensive testing for suitability of adhesion, weatherability, lightfastness and that all relevant chemical resistance testing is carried out before use.

Warning:

Pro-Pack Clear must **NOT** be used as a protective clear coat over the following A.S.I. products:

Corrogloss
Low Odour Vinyl
Gloss Enamel
Ultra Vee

Laboratory test have indicated complete adhesion failure of the Pro-Pack Clear will occur when used as an overprint clear over any of those products.

Thinners

Thin up to 15% with Pro-Pack Thinner FSU180. To retard drying thin with Pro-Pack Retarder FSU182.

Additives:

As previously mentioned Pro-Pack Clear is a two pack system and must be mixed in the following manner:

1. Stir part A (FSU3780) and B (FSU3781) thoroughly before use.
2. Mix 4 Pro-Pack Clear Parts A FSU3780 to 1 Part Pro-Pack Clear Part B FSU3781. This combination should be allowed to stand for a period of 45 minutes before use. This time lag, referred to as the induction period allows the mix to become uniform before printing.

Only mix quantities of clear that will be used within 4 hours, as the coating mix will become unusable after this time.

The blended mix of Part A and Part B will touch dry in approximately 30 minutes depending on the mesh count used to apply the coating and the prevailing conditions, however full cure will not occur for 7 days after printing.

The 7-day full cure period may be reduced by force drying finished prints at:

80 Degrees Centigrade for a maximum of 10 minutes.

It is recommended that the Pro-Pack Clear (Parts A and B), M.S.D.S. be consulted before using this product.