



Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

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Website: www.austspecialtyinks.com.au

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PRODUCT INFORMATION

DECAL LACQUER

Main Characteristics

Finish	Drying	Thinner Wash up	Mesh	Stencil	Coverage	Application	Colour Range
Gloss	Jet dry in seconds, touch dry in approx 20 minutes.	Thinner FDL 180 Retarder FDL 182 Wash Up FSU5112	Mono Filament fabric 62t to 140t.	Any solvent resistant or dual cured emulsion.	Approx 50 sq. Mt per kg.	Refer to A.S.I ink selector chart.	13 Standard 8 Basic Pantone Plus Black and White. Special colours as required.

PRODUCT DESCRIPTION:

The Decal Lacquer ink system is an extremely hard flexible Nitro-Cellulose lacquer system with excellent adhesion to a wide variety of surfaces. The inks have a high gloss retention coupled to good mar resistance. Decal Lacquer inks are, in many respects, comparable to high quality enamel but offer the fast drying characteristics of lacquers. These inks have numerous applications where abrasion resistance, mild acid resistance as well as petrol resistance is required. They can also be used for the printing of water slide-off decals.

Substrate and End-Use:

The Decal Lacquer ink system is suitable for lacquer and pyroxylin coated surfaces, many plastics, cellulose acetate butyrate, acrylics, nitro-cellulose lacquer coated materials, paper and cardboard displays along with lacquer decals (slide-off and face down) to name but a few. For a comprehensive list of suitable substrates refer to the A.S.I. ink selector chart.

Decal Lacquer inks are **NOT suitable for vinyl substrates.**

Thinners

Thin up to 20% with Decal Lacquer Thinner DL180. To retard drying thin with Decal Lacquer Retarder DL182.



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Additives

Decal Lacquer Clear DL170 for varying degree of colour strength and transparency.

Universal Sharp Print compound SO178 for fine detail printing (will slightly reduce gloss level).

For a flat finish use up to 15% Flattening Paste SO5935.

Where the final print will be expected to withstand extreme weather conditions or severe chemical exposure we recommend the print be final coated with A.S.I Pro-Pack Clear SO3780/3781 to improve the resistance quality of the underlying print.

Opacity and Lightfastness:

Number	Description	Opacity	Lightfastness	Number	Description	Opacity	Lightfastness
111	Black	Opaque	Excellent	57	Royal Blue	Opaque	Excellent
112	White	Opaque	Excellent	59	Permanent Blue	Trans	Excellent
75	Cover White	Opaque	Excellent	00	Basic Yellow	Semi Opaque	Good
22	Fire Red*	Semi Opaque	Good	01	Basic Warm Red	Semi Opaque	Good
24	Orange*	Semi Opaque	Good	02	Basic Rubine	Trans	Excellent
30	Primrose Yellow*	Opaque	Good	03	Basic Rhodamine	Trans	Excellent
32	Lemon Yellow*	Semi Opaque	Good	04	Basic Purple	Trans	Excellent
34	Golden Yellow*	Semi Opaque	Good	05	Basic Reflex Blue	Trans	Excellent
42	Emerald Green*	Opaque	Good	06	Basic Process Blue	Trans	Excellent
52	Light Blue	Opaque	Excellent	07	Basic Green	Trans	Excellent

* Also available in an excellent lightfast, fully opaque lead pigment form.

General Remarks:

Stir well before use. Always test apply ink before starting production run as there is often considerable difference between like substrates from different suppliers.

Decal Lacquer is a solvent based ink system and the ink film may re-dissolve in certain solvents, particularly alcohol. Pre check for suitability.

It is recommended that the Decal Lacquer SDS be consulted before using this product.