



Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

17 Reaghs Farm Rd, Minto NSW 2566

Telephone: (02) 9603-3399 Fax: (02) 9603-7761

Website: www.austspecialtyinks.com.au

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PRODUCT INFORMATION

GLOSS ENAMEL

Main Characteristics

Finish	Drying	Thinner Wash up	Mesh	Stencil	Coverage	Application	Colour Range
Gloss	Air dry approx. 2 to 4 hours.	Thinner F59-180 Retarder F59-182 Wash Up FSU1636	Mono Filament fabric 62t to 140t.	Any solvent resistant or dual cure emulsion.	Approx. 45 sq. Mt. per kg.	Refer to A.S.I. ink selector chart.	9 Standard and 8 Basic Pantone Plus Black and White. Special colours as required.

PRODUCT DESCRIPTION:

Excellent outdoor durability and an extremely flexible high gloss ink system distinguish the Gloss Enamel series from all other inks. These inks have excellent adhesion to a wide variety of difficult substrates and are ideal for printing both solid coats and fine detail.

The Gloss Enamel series air-dries by oxidation within 2 to 4 hours under normal conditions, the system may be force dried by curing at 82°C (180°F) for approximately 30 minutes.

Substrate and End-Use:

The Gloss Enamel series has displayed excellent adhesion on most metals, wood, glass, and synthetic decals, paper and cardboard to name but a few. For a comprehensive list of suitable substrates refer to the A.S.I. selector chart.

Thinners

Thin up to 10% with F59-180. To slow the drying time thin with Retarder F59-182.

Additives:

Use Gloss Enamel Clear F59-170 for varying degree of colour strength and transparency, also used as the vehicle for bronze and silver powders. Use Universal Sharp Print Compound FSU178 for fine detail printing (will slightly reduce gloss level).

For a flat finish use up to 10% of Universal Matt Paste FSU5935.

A.S.I. Pro-Pack Clear **FSU3780/3781** is **NOT SUITABLE** as a protective coating for the Gloss Enamel range.



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Opacity and Lightfastness:

Number	Description	Opacity	Lightfastness	Number	Description	Opacity	Lightfastness
F59-111	Black	Opaque	Excellent	F59-57	Royal Blue	Opaque	Excellent
F59-112	White	Opaque	Excellent	F59-59	Permanent Blue	Trans	Excellent
F59-75	Cover White	Opaque	Excellent	F59-00	Basic Yellow	Semi Opaque	Good
F59-22	Fire Red	Semi Opaque	Good	F59-01	Basic Warm Red	Semi Opaque	Good
F59-24	Orange	Semi Opaque	Good	F59-02	Basic Rubine	Trans	Excellent
F59-30	Primrose Yellow	Opaque	Good	F59-03	Basic Rhodamine	Trans	Excellent
F59-32	Lemon Yellow	Semi Opaque	Good	F59-04	Basic Purple	Trans	Excellent
F59-34	Golden Yellow	Semi Opaque	Good	F59-05	Basic Reflex Blue	Trans	Excellent
F59-42	Emerald Green	Opaque	Good	F59-06	Basic Process Blue	Trans	Excellent
F59-52	Light Blue	Opaque	Excellent	F59-07	Basic Green	Trans	Excellent

General Remarks:

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

Gloss Enamel is a solvent based ink system and the ink film may re-dissolve in certain solvents. Pre-check for suitability.

It is recommended that the Gloss Enamel SDS be consulted before using this product.