

Technical Fact Sheet



Sirio Metallics

Shimmer and shine for a steal with Sirio Metallics. An affordable range of metallic papers in neutral tones, they give you the flexibility to specify and print any colour you choose without the expense of ordering coloured metallic papers. They're also made from ECF pulp and are FSC® certified.



Features

- Affordable range of metallic papers
- Available in a digital range
- Ideal for 4 colour process
- Laser guaranteed 125gsm
- Metallic and pearlescent finishes
- Special inks required

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- FSC® Certified (licensed code FSC® C010628)
- ISO 14001 Environmental Certification

Environmental Credentials



The mark of
responsible forestry

Spicers Key Icons

[Download Spicer's icons](#)

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Application Text

- Brochures
- Calendars
- Catalogues
- Certificates
- Corporate identity
- Direct mail
- Folders
- Greeting cards
- Photo books
- Posters
- Swing tags

Printing Tips

1. 24-48 hours depending on quantity of ink and process variables
2. Under Colour Removal (UCR) recommended
3. An in-line varnish is NOT recommended as it will increase the total ink coverage
4. Oxidizing inks required
5. Laser guaranteed in 125gsm
6. Total ink density should be no more than 280%

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- Sirio Pearl can be printed via offset (single or 4-colour process), thermographic and screen printing processes.
- Sirio Pearl is laser guaranteed in 125gsm.
- Sirio Pearl can be blind embossed and hot-foil stamped.
- The surface of Sirio Pearl is non-porous. Fully oxidising or UV-dried inks are recommended.
- Total ink density can not be more than 280%.
- Drying times depend on the quantity of ink and process variables and may vary. Paper can be handled 24 hours after printing, provided oxidizing inks are used. Complete drying will occur within the following 24-48 hours.
- Excellent results are obtained with Under Colour Removal (UCR) and Grey Component Replacement (GCR) grading to reduce the mass of ink deposited on the paper.
- Once dry, the anchorage of the ink is very good.
- It is important to check printing variables, especially the fountain solution, which must be dosed at minimum levels to ensure emulsion is kept within modest levels. We recommend buffered pH of 5 – 5.5 with 800 – 1200 μ m conductivity. It may be appropriate to add small quantities of additives to the fountain solution ink to accelerate the ink polymerisation process in consultation with Ink Supplier. (remove and / or the ink)
- Anti-setoff spray is advisable with high granulometry.
- Low delivery stacks are advisable. To facilitate the drying of the oxidizing ink, it is suggested to air the paper after 12 hours from printing

A sealing varnish in-line is not recommended as it will increase the total ink coverage. An aqueous varnish on the printing is preferred.

All statements, technical information and recommendation are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties of merchantability and fitness for the purpose: Sellers and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

Important Note

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Print Process

- Die cutting
- Laminating
- Foiling
- Varnishing
- Folding
- Embossing
- Scoring
- Laser
- Inkjet
- Digital
- Creasing