



Pop'Set®

Printing and Finishing Guidelines

SCREEN RULING

For optimum print results with Pop'Set papers a screen of 133 - 150 lpi should be used. Finer screens, up to a maximum of 200 lpi can also give very good results with careful ink density control. For dark 4 colour images with high ink density, under colour removal (UCR) or (GCR) maybe used depending on the quality of the visual. This will also help to reduce ink drying time.

PRINTING INKS

Conventional positive drying inks should be used with or without Infra Red drying assistance. Fully oxidizing inks or UV inks may also be used. Avoid using overnight / stayfresh /duct-stable inks. Always allow sufficient drying time. Anti set-off spray is recommended when printing multiple colours. Use laser-stable inks for subsequent laser printing. It is always advisable to consult your ink supplier about specific projects to ensure ink suitability.

PAPER HANDLING

Select a slower press speed for board printing. Do not allow the delivery stack to become too large; prints at the stack bottom will still be wet and less resistant to marking. Protect paper from environmental humidity and temperature changes by always using stack covers or stretch wrap.

LITHO PRINTING

To help avoid set-off use a spray powder appropriate to the image and weight of Pop'Set being printed.

VARNISHING

To achieve a gloss varnish, it is essential to pre-seal the surface by printing matt UV varnish by the screen printing process. The matt UV varnish is then overprinted with gloss UV varnish to achieve the desired effect. Ensure suitable inks are used prior to varnishing and that the inks are completely dry before varnish application.

BLIND EMBOSING

Pop Set can be blind embossed.

LASER-CUTTING

While laser-cutting is easy, some scorching will be apparent around the cut area.

FILM LAMINATING

All Pop'Set papers can be film laminated. Some film "silvering" may be apparent especially with the dark colours or dark prints.

HOT FOIL BLOCKING

All finishes in the range can be foil blocked. Foiling printers can recommend the best foil for the image and the paper chosen.

FOLDING AND CREASING

To guarantee good folding results, prior creasing is recommended. Creases should be made parallel to the grain of the board. For best results a creasing rule and matrix system should be used. Fold into the bead for prominent folds.

INK JET PRINTING

The papers are guaranteed for ink jet printing subject to grammage limitations of the printer.

HP INDIGO PRINTING

A limited range of Pop'Set has been developed to be fully compatible with HP Indigo.

SILK SCREEN PRINTING

All finishes can be successfully screen printed.

GRAIN DIRECTION

The direction of the grain and the embossing is always parallel to the long side ("machine direction" = 2nd number indicated in the stock size of the sheet. Example: 700 x 1000).

BESPOKE OFFER

Special production of many of the papers in the range for non standard sizes or grammages are available according to your specific requirements. A4 size dry toner guarantee can be supplied by special request.

www.popsetpaper.com

