



PRINTING AND FINISHING GUIDELINES

Rives® 

Sensation® Rives 

Elegance and Intensity. The finest textures in Gloss or Matt

Screen Ruling

For optimum print results with Rives 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 maybe used depending on the quality of the visual. This will also help to reduce ink drying time.

With Rives Sensation Gloss and Sensation Gloss Recycled, a 175 lpi may be used and a finer screen up to 225 lpi can be used with Sensation Matt papers.

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 / ductstable inks (this is essential for Ice White, where fully-oxidizing inks are recommended). Under Colour Removal (UCR) will help drying times and reduce possible risk of ink rub.

Always allow sufficient drying time. Anti set-off spray is recommended when printing multiple colours. Use at least 35 microns powder for textured products.

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

For optimum results on textured and embossed papers increase the blanket pressure or use a softer blanket to achieve consistent ink lay down.

Varnishing

To achieve a gloss varnish, with Rives papers, it is essential to pre-seal the surface. Silk screen matt UV varnish should be used first, followed by subsequent applications of 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.

This is not necessary for Sensation papers where on line coatings can be applied for print protection, however the film weight will need to be high because of the surface texture so choose colorless sealers and varnishes that will not discolor the paper.

Blind Embossing

All finishes can be blind embossed. For subsequent laser printing, we recommend a shallow emboss to allow good feeding and to avoid damaging the emboss.

Laser-cutting

While laser-cutting is easy, some scorching will be apparent around the cut area. Laser-cut papers are more prone to mis-feeds and jams within office printing technologies.

Film laminating

All the Rives and Rives Sensation ranges can be film laminated. Some film “silvering” will be seen with the heavier textured products were a trial is first recommended.

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

Compatibility to printers and inks should be tested. Low weight Rives papers often give acceptable results for text and simple graphic applications.

HP indigo printing

A digital version of Rives Design and Rives Tradition is fully compatible with HP Indigo.

The compatibility of the Rives Sensation range is pending.

Dry toner printing

Compatibility to printers should be tested. Rives and Rives Sensation Tactile and Tradition are compatible with Xerox IGEN 3.

Silk Screen Printing

Depending upon the combination of image and paper texture some image detail may be compromised as this process requires good contact between the screen and the paper surface. If print quality suffers it may be necessary to remove the paper texture from the image area. Paper and board inks, vinyl inks and UV inks can be used.

Additional information for embossed papers

When blind embossing, hot foil stamping or screen print on the embossed papers, it may be necessary to first plate sink the area which will be used to improve the detail of the printed image.

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 makings of many of the papers in the range for non standard sizes or grammages are available according to your specific requirements.