

Product: Curious Collection Matter Print Tips

Category: Folio Papers - Specialities

Mill: Arjowiggins Creative Papers (UK)

Website: www.arjowigginscreativepapers.com

Country of Origin: United Kingdom

Technical specifications:

Applications

Curious Collection Matter, with its extremely distinctive "rough" surface, is ideal for surprising brochures, invitations, report covers, packaging (folded boxes, rigid boxes...) and any application where an outstanding homogenous and matt surface along with an enigmatic touch is required.

Technical information

Please note that due to the unique surface of Curious Collection Matter, special care must be taken when printing and converting this product. For best results see the guidelines below. 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 set off. The Curious Collection Matter papers have an extremely fine surface texture, thus they should be handled with caution after printing to avoid any friction at the paper surface. Please note the dark colours of Curious Collection Matter can mark other papers when there is friction. Protect paper from environmental humidity and temperature changes by always using stack covers and stretch wrap. The surface roughness of Curious Collection Matter can be reduced by pressure process e.g. embossing. A test should be done to ascertain if the final roughness remains acceptable. The direction of the grain is always parallel to the long side ("machine direction" = 2nd number indicated in the stock size of the sheet. Example: 700 x 1000).

Litho printing

For optimum results increase the blanket pressure or use a softer blanket to achieve consistent ink lay down. Conventional positive drying inks should be used with or without Infra Red drying assistance. Fully oxidising inks or UV inks may also be used. Avoid using overnight / stayfresh / ductstable inks. Always allow sufficient drying time.

Screen ruling

For optimum print results with Curious Collection Matter papers a screen of 133 - 150 lpi should be used. For dark 4 colour images with high ink density, under colour removal may be used depending on the quality of the visual. Aim for the total ink film weight of 260%. This will also help to reduce ink drying time.

Varnishing

Curious Collection Matter papers can be UV varnished by screen printing. However several applications may be required to cover the texture of Curious Collection Matter. Consider printing a matt UV varnish to make a good base for a gloss varnish.

Blind embossing

Curious Collection Matter is ideally suited to blind embossing. The corners of the die should be rounded off to avoid creases.

Cutting

Curious Collection Matter may be laser or die cut without difficulty.

Film lamination

Whilst Curious Collection Matter will accept film lamination, there will be some "silvering" due to its unique fine surface texture. The touch effect of the paper will be lost. A trial is recommended to ensure the results are acceptable for the job design.

Hot foil blocking

Curious Collection Matter accepts most hot foils easily. It is recommended to perform a trial if specialist foils are required. e.g. pigmented or holographic foils.

Folding & creasing

To guarantee good folding results, prior creasing is recommended on both text and board weights. Predominant visual 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. For instance, with 2pt rule 23.25 high a 0.5 x 1.4 XTC matrix is appropriate for the 380gsm, while a 0.4 x 1.3 XTC matrix gives good results with the 270gsm.

Dry toner digital printing

Compatibility with dry toner digital printers should be tested. Curious Collection Matter papers (low grammages) are compatible with Xerox IGEN 3/4, Konica Minolta C7000 – C8000 and Canon image Press C7000VP printers.

Inkjet printing

Curious Collection Matter papers are not compatible with inkjet printing.

Desktop laser printing

Compatibility with printers should be tried.

Silk-screening

Paper and board inks, vinyl inks and UV inks can be used.

Binding & gluing

It is possible to bond Curious Collection Matter papers to themselves and to other materials using common adhesives. Standard binding techniques can also be used.