



March 2024

From Snow White, Deep Black, Holly to Navy Blue and Guardsman Red, Keaycolour Digital offers classic colours for exquisite communications.

Available in paper and board, Keaycolour Digital is perfect for corporate identity, creative applications or luxury packaging.

Keaycolour Digital is certified for HP Indigo presses*, suitable for Dry Toner and ready-to-use in SRA3+ and B2+ formats.

*HP Indigo certification is pending for Keaycolour Holly

COLOURS CATEGORIES

WHITES Snow White

COLOURS Deep Black, Guardsman Red, Holly, Navy Blue



CREATIVE
POWER

by antalis

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Printing Guidelines

Design and pre-press

A screen of 133-150 lpi should be used. Finer screen 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 may be required depending on the visuals. Aim for the total ink film weight of 260%.

Offset litho printing

For optimum results on boards increase the blanket pressure or use a softer blanket to achieve consistent ink lay down.

Printing inks

Conventional positive drying inks should be used with or without infra-red drying assistance. Oxidizing inks or UV inks may also be used. Avoid using overnight / stay fresh / duct stable inks. Allow sufficient drying time. Use laser stable inks for subsequent laser printing. Consult your ink supplier about specific projects to ensure ink suitability.

Paper handling

To avoid marking and set-off when printing multiple colours, 35µ anti set-off spray for boards and 20µ for paper weights are recommended. Turn off the delivery stack jogger and restrict the delivery pile when printing boards. Always protect paper from environmental humidity and temperature changes by using stack cover or stretch wrap.

Sealer and coatings

They can be used to reduce marking for further operation. Ensure the inks are suitable and best results are achieved when the inks are dry before sealing.

Varnishing

For a gloss varnish, it is essential to pre-seal the surface with silk screen applied matt UV varnish, 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. Not recommended for paper weights. Consider a clear hot foil as an alternative.

Hot foil stamping and Thermography

Keaykolour accepts hot foil stamping easily. We recommend to trial thermography before production.

Die Stamping and Blind embossing

Keaykolour can be die stamped with superior result and very detailed imagery. It can also be blind embossed, we recommend to have the corners of the die rounded off to help prevent creases forming from them.

Die and laser cutting

Keaykolour paper and boards can be die cut. While laser cutting some scorching will be apparent around the cut area. Laser cut papers are more prone to miss-feeds and jams within office printing technologies.

Binding and adhesives

Standard adhesives and binding techniques can be used.

Office Printing

Low weight Keaykolour papers often give acceptable results for text and simple graphic application.

Digital technologies

Keaykolour is suitable for Dry Toner and Keaykolour Digital is certified for HP Indigo printing (certification pending for Keaykolour Holly).



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Dry Toner ®

Certified for
HP Indigo

Property & Unit	Standard		
GSM	ISO 536	120	300
Caliper (µm)	TAPPI T411	170	405
Bendtsen roughness [felt/ wire] (ml/min)	TAPPI T538	850 / 600	1200 / 850
Stiffness MD (mN)	ISO 5628:2493	25	420
Stiffness CD (mN)	ISO 5628:2493	15	190
Moisture content (%)	TAPPI T412	7.0	
Relative humidity (%)	TAPPI T415	30 - 60	

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: June 2023



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Property & Unit	Standard	
GSM	ISO 536	300
Caliper (µm)	TAPPI T411	440
Bendtsen roughness [felt/ wire] (ml/min)	TAPPI T538	1200/850
Stiffness MD (mN)	ISO 5628:2493	420
Stiffness CD (mN)	ISO 5628:2493	190
Moisture content (%)	TAPPI T412	7.0
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