COMPANY DETAILS & CONTACT INFO

COMPANY DETAILS:

Company Name:	*Beatus Cartons*
Address:	*North Road, Porth*
	Rhondda Cynon Taff
	South Wales
Postcode:	*CF39 9SP*
Telephone:	*01443 682502*
Fax:	*01443 686129*
Website:	*www.beatuscartons.co.uk*

CONTACT INFORMATION:

DEPARTMENTS:	*PERSONNEL:*	*POSITION:*	*EMAIL ADDRESS:*
Sales:	*Paul Stinchcombe*	*Commercial Manager*	*paul@beatuscartons.co.uk*
Sales:	*Kevin Jones*	*Sales Account Manager*	*kevin@beatuscartons.co.uk*
Sales:	*Estelle Trowill*	*Sales Administrator*	*estelle@beatuscartons.co.uk*
Carton Construction:	*Shaun Fackrell*	*Packing Technologist Manager*	*shaun@beatuscartons.co.uk*
Artwork:	*Christian Dayment-Jones*	*Pre - Press Manager*	*christian@beatuscartons.co.uk*
Production:	*Jonathan Rimes*	*Operations Manager*	*jonathan@beatuscartons.co.uk*
Quality:	*Stuart Anstee*	*Quality / Health & Safety Manager*	*stuart@beatuscartons.co.uk*

PRINT SPECIFICATIONS & FILE SUPPLY

GENERAL INFORMATION:

Print Process:	*Litho*
Machine Type:	*Heidelberg Speedmaster 102 CD*
Maximum Colours:	*6 Colours + Varnish (UV or Waterbased Emulsion)*
Machine Type:	*KBA Rapida 106*
Maximum Colours:	*7 Colours + Dual Varnishes (UV or Waterbased Emulsion)*
Substrate:	*Board / Clear Film / White Plastic / Foil Board*

ACCREDITATIONS:

PRINT INFO:

	Screen Angles:	Target Ink Densities:	Dot Gains at:	25%	50%	75%	Preferred Print Sequence:	
Process Cyan:	*165°*	*1.45*	*ISO 12647*	*+11%*	*+14%*	*+12%*	Standard:	*KCMY*
Process Magenta:	*45°*	*1.40*	*ISO 12647*	*+11%*	*+14%*	*+12%*	Metallic:	*Metallic + KCMY:*
Process Yellow:	*0°*	*1.00*	*ISO 12647*	*+11%*	*+14%*	*+12%*	Varnish:	*Matt / Satin / Gloss (UV or Water Based Emulsion) Dual Varnishing also available.*
Process Black:	*105°*	*1.85*	*ISO 12647*	*+11%*	*+14%*	*+12%*	Underpin:	*Prefer 40% Cyan or 40% 2nd Black (if number of colours permit) under solid Black backgrounds.*
Spot Colours:	*45°*	*Various (match to Pantone)*	*DE 2 - or Below*	*+11%*	*+14%*	*+12%*		

PREFERRED ARTWORK FILES:

Digital CMYK:	*Illustrator CC / High-Res PDF*
Supply of files via:	*Beatus Portal Site:* ✓ *Web transfer Site:* ✓

FILE SETUP:

Fonts:	*Outlined or Font Suitcases supplied with artwork*
Images:	*Supplied as Photoshop files (jpeg / eps / psd / Tiff)*

COLOUR MANAGEMENT:

Images:	*Supplied Photoshop files as Fogra 39 colour profile*
Image Colouring:	*CMYK + Spot Colours (No RGB files)*
Artwork:	*Supplied as ISO 12647 (Fogra 39) colour profile*

BAR CODES:

Minimum Magnification:	*85%*
BWR:	*0.03mm*

REPRO:

Bleed:	*5mm*
Preferred Trap / Grip:	*0.15mm*
Minimum Trap / Grip:	*0.05mm (for metallics only)*
Safe Areas: *(The safe distance text and graphics need to be from any cut or crease)*	*3mm on Solid Board jobs* *5mm on Litholam jobs*
Screen Ruling:	*175 lpi (res 1200 dpi) - Dot Shape Smooth Eliptical*

ARTWORK PROOFING & APPROVAL:

Online Approval System	*www.approvals.beatuscartons.co.uk*
Site Access	*Access provided upon request*
Printed Mockup	*Fully Printed 3D mockup (cost upon request)*

Be
inspired

CONVENTIONAL WATERBASED INKS:

These inks are the most commonly used variety and the cheapest. Generally used for most varieties of work and can be combined with Gloss / Satin / Matt Varnishes and various Specialised Varnish finishes.

UV INKS:

These inks are used for jobs where the customer require a high gloss level finish to their carton or the carton will be on display under bright lights, the inks are hardened slightly against fade. UV inks are normally combined with a UV Gloss Varnish which gives a very high shine factor but there is a slight yellow tint to the varnish so this will show up on cartons that have a lot of the white board showing. You can also use a Satin or Matt varnish with these inks but it does kind of defeat the object of the inks.

LIGHTFAST INKS:

These inks are used for jobs that are going to be stored in direct sunlight or high powered lights such as outside displays where the product is in direct sunlight. A lot of UV Inks already have a certain level of Lightfast protection but depending on the colour pigment, Lightfast Inks can be maufactured to offer a higher level of protection and further improve its resistance to fading. Because of the improved pigment these inks can cost slightly more.

LOW MIGRATION INKS:

These inks are used for jobs where the packaging is going to be in direct contact with food (no secondary barrier). The Inks are formulated so that they will not migrate through the substrate as quickly as standard inks, therefore further reducing the risk of contaminating the food product. When dealing with any food customer always ask them if Low Migration Inks are required, we will also internally at Beatus query if needed. These inks can be used with a Low Migration Gloss / Satin / Matt Varnish.

SPOT COLOUR INKS:

Spot colour inks can be catagorised as:
- **Pantone Coated**   - This is the Pantone Library of colours that print on the coated side of the board.
- **Pantone Uncoated** - This is the Pantone Library of colours that print on the reverse uncoated side of the board.
- **Specials**   - These are colours that we get a specially mixed ink to match a certain colour a customer might require which is not a Pantone Colour.

VARNISH FINISHES:

There are 3 different varnish finshes which are supplied in variants as per the Inks (Conventional, UV, Low Migration).
- **Gloss** - This produces the shiniest finish.
- **Satin**   - This produces a compromise between Gloss & Matt.
- **Matt**   - This produces a dull flat finish.

There are also numerous other Specialised Varnishes, some of which are required to be applied via a second coating unit or an ink deck on the press.
Below are a list of some specialised varnishes that we currently use.

- **Matt Foil Blockable**   - Used for jobs that require Foil Blocking.
- **Blister Pack Coating** - Used for jobs that require Blister Packs, the coating becomes an adhesive when heated.
- **Heat Resistant**   - Used for jobs that are using a Blister Coating on one side and are going to be subject to heat.
- **High Rub Sealer**   - Used for jobs that require extra hard coating to protect the ink from rubbing or smudging.
- **Drip Off**   - Used for jobs that require dual varnishes such as Matt & Gloss. Used to create a pattern in the varnish.
- **Coin Reactive Ink**   - Used for jobs that require a security measure. Invisible text or image until rubbed by a coin.
- **Motion Coat**   - Gives the illusion of a pattern movement.
- **Drizzle Effect**   - Produces a drizzle look, work well on board & really good on Foil Board.
- **Soft Touch**   - Produces a soft velvety feeling coating finish.

Design   Construct   Print   Laminate   Cut   Glue   Stock