



PRODUCT SPEC SHEETS

Swanline Paper & Board
Whitebridge Park, Whitebridge Way, Stone,
Staffordshire, ST15 8LQ

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INTRODUCTION:

Swanline Paper & Board is a paper-based materials converter and distributor with a difference; we develop partnerships with our clients to ensure a high-performance packaging or point-of-sale material solution. We are committed to innovation in sustainability and have pledged that our range will soon be completely plastic free.

Swanline Group's stake in CorrBoard UK provides us with a robust, vertically integrated supply chain.

WHY SWANLINE PAPER & BOARD?

We truly understand the needs of the packaging, point-of-sale and sign and display sectors. Through research and development, technical and logistical excellence we deliver innovative, high performance, sustainable solutions. We tailor our service to meet our clients' needs and can supply material only or utilise the full strength of the Swanline Group, to provide a complete end-to-end solution from constructional design, print and conversion through to distribution.

Our range of Cygnus® products has been selected for their outstanding environmental credentials and highperformance specifications. They also dovetail into the Swanline Group strategy to offer a sustainable market advantage to our customers.

Read below to see our full range of Cygnus products and their key benefits.









Clay Coat Corrugated is a fully recyclable corrugated board. It has a white kaolin coated top surface receptive to printing ink, with either a white or brown reverse. Digi flute is also available which has been designed to meet the needs of the flat bed digital printing market.

Clay Coat Corrugated is available in E, EB, EE, B, N, FE flutes. Digi flute grades are available in E, B, EB, and EE.

A wide range of sheet stock sizes are available.

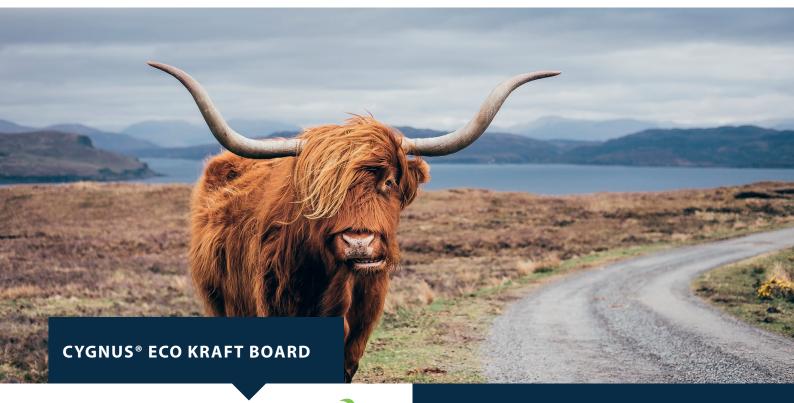
KEY BENEFITS

Outstanding print results – suitable for screen and flatbed digital print techniques.

FSC Certified – Chain of custody gives complete peace of mind.

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Manufactured in the heart of Sweden, **Cygnus® Eco Kraft Board** is the world's leading environmentally friendly, 100% fibre based board. Resistant to water and moisture, it is perfect for retail point of sale and moisture sensitive packaging.

Cygnus® Eco Kraft Board is food safe, FSC® certified and a perfect fibre-based alternative to PVC, polypropylene and PE lined materials. With a Kraft and White side, this material offers flexibility of finish depending upon the requirement.

Cygnus® Eco Kraft Board is available in 460 micron and available in sheet sizes from 450x640mm up to 1700x3600mm. Bespoke sizes are available upon request.

KEY BENEFITS

Food safe.

Fully recyclable – easily recycled and reused, in-fact it can be recycled up to 8 times!

Compostable and Biodegradable – can be disposed of in normal paperboard waste stream and has EN 13432 certification.

Outstanding print results (coated side only) – suitable for offset, screen and flatbed digital print techniques.

Exceptional ink adhesion – smooth print surface means that when compared to fluted polypropylene, there is no flute shadow.

Superior conversion results – can be digitally or die cut.

FSC® Certified – Chain of Custody certification gives complete peace of mind.

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Cygnus® Display Board has been engineered and formulated for the digital market but can be used for litho and screen processes, so is highly versatile. It is FSC accredited and has a double side coated lightweight liner that is highly stable.

Cygnus® Display Board is available in sheet sizes ranging from 1250 micron to 2000 micron.

KEY BENEFITS

Fully recyclable.

Outstanding print results- suitable for litho, screen and flatbed digital print techniques.

Flexible conversion results – can be guillotined or die-cut.

FSC Certified – Chain of custody gives complete peace of mind.

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Manufactured in the heart of Sweden,

Cygnus® Eco Board is the world's leading
environmentally friendly, 100% fibre based board.
Resistant to water and moisture, it is perfect for
temporary outdoor signage and short term
moisture sensitive signage and packaging.

Cygnus® Eco Board is an ideal alternative to soft
foam boards, foam PVC, fluted polypropylene,
PE coated materials, HIPS and other plastic
composites - even aluminium composite!

Cygnus® Eco Board is FSC® certified and a perfect fibre-based alternative to plastic.

Cygnus® Eco Board Lite is available in 300, 430 and 520 micron, and **Cygnus® Eco Board Ultra** is available in 830, 1250, 1500 and 2200 micron. Both are available in sheet sizes from 450x640mm up to 1700x3600mm. Bespoke sizes are available upon request.

KEY BENEFITS

Food safe up to 830 micron.

Fully recyclable – easily recycled and reused, in-fact it can be recycled up to 8 times!

Compostable and Biodegradable - can be disposed of in normal paperboard waste stream and has EN 13432.

Outstanding print results – suitable for offset, screen and flatbed digital print techniques.

Exceptional ink adhesion - smooth print surface means that when compared to fluted polypropylene, there is no flute shadow.

Superior conversion results - can be digitally or die cut.

Recycled content - made from up to 70% recycled content (depending upon calliper).

FSC® certified - Chain of Custody certification gives complete peace of mind.

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Manufactured in the heart of Sweden, **Cygnus® Excellent Display Board** is the market leading display board for indoor retail signage and POS applications. This smooth, white-centred board with a clean core provides an ideal recyclable alternative to plastics.

Excellent Display Board is is FSC® certified and an alternative to foam PVC, Styrene and foam boards due to its robustness and durability. Available in 500, 1000, 2000, 2500, 3000 and 4000 micron at 1220 x 2440mm. Other sheet sizes and calipers are available on request.

KEY BENEFITS

Fully recyclable – many plastics are not.

Beautiful smooth white surface with a clean core.

Outstanding printability – suitable for direct print in offset, screen and UV flatbed digital.

Rigid – 50% greater rigidity vs leading European made foam PVC.

Reduce transport costs by up to 33% – less material is required to achieve the equivalent level of rigidity delivered by low density foam PVC.

Outstanding flatness - Excellent will not curl or crease, it remains flat throught the lifespan of the product.

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Cygnus® GD2 Liner is a multi-coated GD2 Liner with a white top coat and a grey reverse; it is made from 100% recycled fibre and is designed specifically for litho lamination. Once laminated it is suitable for a wide range of packaging and POS applications.

Cygnus® GD2 Liner is available in 200 and 225gsm and is sheeted on our high speed rotary sheeter, please contact us to discuss your size requirements.

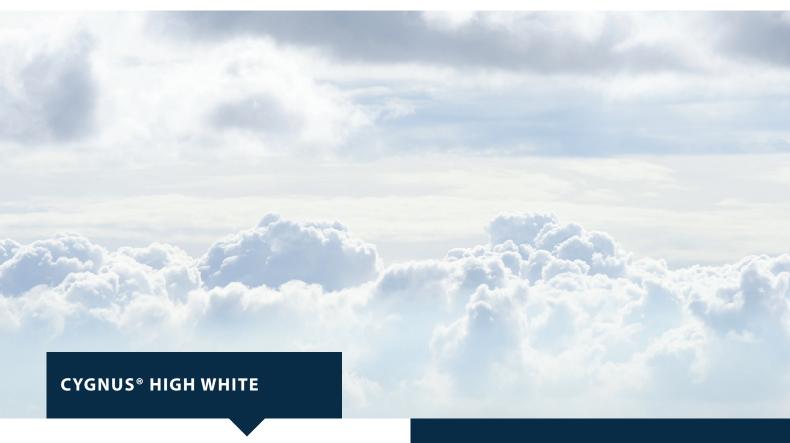
KEY BENEFITS

Versatile grey-backed folding boxboard.

Recycled white coated liner.

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Cygnus® High White is a GC1, 200gsm virgin fibre liner with a crisp white reverse, suitable for high quality and superb visual print litho laminated packaging.

Due to its high bulk and stiffness it can also be used for greetings cards, pharmaceutical and cosmetic packaging and can be printed upon using digital, screen and flexo processes. FSC® approved and hard sized as standard, **Cygnus® High White** is fully recyclable and compostable and contains no metallic pigment.

KEY BENEFITS

Fully recyclable and compostable.

Environmentally friendly – coating does not contain any metallic pigment.

Acid free – will not tarnish or fingerprint when handled.

Double coating and single to reverse.

Suitable for litho, digital, screen and flexo print methods.

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Ibema Speciala GC1 is a double coated, high bulk carton board, approved for direct food contact. It has a white reverse and is also suitable for pharmaceutical, healthcare and cosmetic products.

Ibema Speciala GC1 is available in 250, 275, 300 and 325 gsm (407, 454, 503, 562 microns) and is sheeted on our high speed rotary sheeter; please contact us to discuss your size requirements.

KEY BENEFITS

Versatile white-backed folding boxboard.

High brightness and thickness – offers a premium quality.

Suitable for offset, screen and flatbed digital print technologies.

Hard sized - suitable for packaging used in freezers and chillers.

FSC® certified - Chain of Custody certification gives complete peace of mind.

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Ibema Supera GC2 is a double coated, high bulk carton board, approved for direct food contact. It is made from 100% virgin fibre with high stiffness, a double coating and the lightest reverse layer of its category. It is also suitable for cosmetic, pharmaceutical and healthcare packaging solutions.

Ibema Supera GC2 is available in 225, 252 and 295gsm (390, 448, 540 microns) and is sheeted on our high speed rotary sheeter; please contact us to discuss your size requirements.

KEY BENEFITS

Versatile cream-backed folding boxboard.

Optical brightener agent (OBA) free.

Suitable for offset, screen and flatbed digital print technologies.

Hard sized - suitable for packaging used in freezers and chillers.

FSC® certified - Chain of Custody certification gives complete peace of mind.

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PankaBrite is a versatile fully coated cream-backed folding boxboard ideal for food packaging. It is a rigid substrate with a high bulk.

PankaBrite is available in 460-1000 micron in stock and reels for conversion on our high speed rotary sheeter.

KEY BENEFITS

Versatile cream-backed folding boxboard.

Optical brightener agent (OBA) free.

Suitable for offset, screen and flatbed digital print technologies.

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- Brown kraft gloss surface colour
- Pre-consumer waste with unbleached sulphate kraft pulp top and bottom
- Revolutionary SeerPak micro aqueous barrier coating
- Fully sized food grade material
- Suitable for direct food contact
- Innovative and sustainable
- Available in various weights / callipers
- Designed by Reelbrands

- Viable alternative for PE laminated materials
- Certified Plastic Free
- 100% recyclable
- 100% biodegradable
- 100% compostable
- High grease resistance (Kit 12)
- High water barrier properties (Cobb1800 < 20gsm)
- BPA / PFA free
- Ideal for frozen, chilled, ambient and elevated heat
- PVA gluable / induction heat sealable
- Flexo, offset litho and digital print compatible
- Good cutting / creasing results
- FSC® / PEFC Certified
- BRC Certified supply
- UK made / short lead times

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- White gloss surface colour
- Recycled GT2 wood free topside
- Revolutionary SeerPak micro aqueous barrier coating
- Fully sized food grade material
- Suitable for direct food contact
- Innovative and sustainable
- Available in various weights / callipers
- Designed by Reelbrands

- Viable alternative for PE laminated materials
- Certified Plastic Free
- 100% recyclable
- 100% biodegradable
- 100% compostable
- High grease resistance (Kit 12)
- High water barrier properties (Cobb1800 < 20gsm)
- BPA / PFA free
- Ideal for frozen, chilled, ambient and elevated heat
- PVA gluable / induction heat sealable
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- White gloss surface colour
- Virgin kraft GC1 material
- Revolutionary SeerPak micro aqueous barrier coating
- Fully sized food grade material
- Suitable for direct food contact
- Innovative and sustainable
- Available in various weights/ callipers
- Designed by Reelbrands

- Viable alternative for PE laminated materials
- Certified Plastic Free
- 100% recyclable
- 100% biodegradable
- 100% compostable
- High grease resistance (Kit 12)
- High water barrier properties (Cobb1800 < 20gsm)
- BPA/PFA free
- Ideal for hot/cold/frozen food packaging
- PVA gluable / induction heat sealable
- Flexo, offset litho and digital print compatible
- Good cutting/creasing results
- FSC®/PEFC certified
- BRC certified supply
- UK made/ short lead times

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- Black gloss surface colour
- Recycled GT2 wood free topside
- Revolutionary SeerPak micro aqueous barrier coating
- Fully sized food grade material
- Suitable for direct food contact
- Innovative and sustainable
- Available in various weights / callipers
- Designed by Reelbrands

- Viable alternative for PE laminated materials
- Certified Plastic Free
- 100% Recyclable
- 100% Bio-degradable
- 100% Compostable
- High grease resistance (Kit 12)
- High water barrier properties (Cobb1800 < 20gsm)
- BPA / PFA free
- Ideal for frozen, chilled, ambient and elevated heat
- PVA gluable / induction heat sealable
- Flexo, offset litho and digital print compatible
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