



Press Release

Sappi's Fusion® premium white topline and TRESU Flexo Concept workflow provide quality and efficiency advantages for corrugated packaging

At FachPack 2015, speciality paper manufacturer Sappi, Danish flexo technology provider TRESU and Swedish converter FrontPac join forces to show the high visual impact, ultra-white properties and strength of Sappi's Fusion topline corrugated board for bag-in-box and gift-box packaging, along with the high productivity of the TRESU Flexo Concept press.

Kolding, Denmark, 15 September, 2015: At FachPack 2015, (29 September - 1 October, Nuremberg, Germany), an ultra-white prototype container fabricated by paper manufacturer Sappi, flexo technology provider TRESU Group and Swedish converter FrontPac will take centre stage. The collaboration demonstrates the strength and high-impact qualities of Fusion, a new virgin-fibre board, combined with the flexo workflow's efficiency, speed and precision for corrugated packaging.

Fusion is designed specifically for use with and on corrugated board. It features an extremely bright white and flat surface after lamination. Prints and all types of print finishing are reproduced with an unprecedented level of quality and brilliance. Fusion consists of primary fibres, providing further advantages in addition to whiteness and glue savings. With precise folds and no discernible breaks, homogeneous packaging and displays can readily be constructed. In addition, Fusion is fully ISEGA-certified for direct contact with food.

The three-layered box features Sappi's 180gsm high-white Fusion topline, litho-laminated on to a 110gsm E-flute and a 180gsm inner board. Fusion's industry-leading ISO whiteness values of up to 125 make it ideal for food, beverage and cosmetics applications.

The topline was printed at TRESU's Technology Centre in Kolding, Denmark, using five colours plus UV spot-varnish, then cut into sheets inline on TRESU's Flexo Concept press. Running at speeds of 400m/min, the press maintained precise register while achieving 175lpi with minimal calibration or waste. The sheets were then laminated on to the E-flute liner and inner board and converted into gift boxes at the Malmö (Sweden)-based printing house FrontPac.

Wiebke Perrey, marketing communication specialist at Sappi, comments, "With their proven expertise in high-performance presses for folding cartons, TRESU was the natural partner in our mission to demonstrate Fusion's aesthetic benefits and potential for supply chain savings. The TRESU Flexo Concept press exploits Fusion's printability to the full. The result is a pristine

corrugated package presentation with flexographic quality that is indistinguishable from offset, and produced in a simplified workflow.”

TRESU's Flexo Concept is a high-speed flexo press for web applications between 900 and 1400mm in width with a wide range of complementary print and converting processes according to customer needs. These can include cold-foil, laminating, embossing, rotogravure and rotary sheeting. Configured as either a roll-to-roll or roll-to-sheet press, the Concept provides a high performance single-pass solution for a host of high end packaging applications.

Allan Sander, vice-president, TRESU Solutions, states, “Our collaboration with Sappi has enabled us to demonstrate the Flexo Concept's versatility as a web-fed single-pass inline solution for many high-end board converting applications. We are delighted with the outcome of this project and are excited to be sharing it with attendees at FachPack 2015.”

Each of the Concept's flexo stations comes with TRESU's sealed chamber doctor blade systems that ensure direct, uncontaminated and pressure controlled ink transfer, resulting in optimised drying efficiency, uniform ink deposits and higher gloss values. Setup times are reduced thanks to long-life doctor blades that are exchangeable in one minute.

Martin Enocson, managing director, FrontPac, comments: “Fusion has generated strong demand from our customers in such diverse markets as bag-in-box beverages, luxury goods, cosmetics and automotive parts. It brings stunning looks on the shelf and runs smoothly on the filling line. We're excited by this collaboration as it gives us the chance to show this paper's potential for strong branding and reduced system costs.”

Samples of the Fusion box will be available from Sappi at stand 4-111 at Fachpack 2015.

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Suggested photo caption:

About TRESU Group

TRESU Group is a highly specialized company offering flexible, customized solutions of flexo printing machines and ancillary products for flexo, digital and offset printing to the graphic industry. TRESU Group has over 30 years of experience and expertise in the development and production of engineered solutions for this industry and supplies directly to end-customers, OEMs and partners. With more than 98% of the production being exported, TRESU Group is a strong player on the global market. TRESU Group has production facilities in Denmark, Lithuania and the USA, sales companies in Germany, Italy, Japan and China, and an international agency network providing round-the-clock, local support and know-how. Visit the company's website at www.tresu.com

About Sappi

Sappi Europe SA is the leading European producer of coated fine paper used in premium magazines, catalogues, books and high-end print advertising. Headquartered in Brussels, Belgium, Sappi Europe is recognised for innovation and quality. Its graphic paper brands include Magno™, Quatro™, Vantage™, Royal™, Galerie™ and GalerieArt™ ranges. Algro®, Leine®,

Parade®, *Fusion®* and *atelier™* are the brands for innovative solutions of speciality papers and boards.

Sappi papers are produced in mills accredited with ISO 9001, ISO 14001 and OHSAS 18001 certification and EMAS registration for all our mills in the EU. Sappi European mills hold chain-of-custody certification under the Forest Stewardship Council (FSC®) and/or the Programme for the Endorsement of Forest Certification (PEFC™) schemes.

Sappi Europe SA is a division of Sappi Limited (JSE), a global company headquartered in Johannesburg, South Africa, with over 13,000 employees and manufacturing operations on three continents in seven countries, sales offices in 50 countries, and customers in over 100 countries around the world. Learn more about Sappi at www.sappi.com.

About FrontPac

Based in Arlöv, southern Sweden, FrontPac is the leading converter of litho-laminated corrugated boxes in Scandinavia, supplying consumer packaging markets in 15 countries across Northern Europe. The 100-strong privately owned company offers the complete packaging workflow in-house, including design, graphics, UV and water-based printing via KBA 162-format presses and converting. For more information, visit: www.frontpac.se

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