

COMPANY INFO

January 2018

"Zanders, the papermakers"

Zanders is a German manufacturer of high quality speciality papers and boards developed especially for labels, packaging and graphical applications. Founded by Johann Wilhelm Zanders in Bergisch Gladbach in 1829, the company still operates the Gohrsmühle paper mill there today with around 500 employees.

Clients all over the world

Zanders provides specialised solutions for a wide variety of segments while consistently maintaining the highest quality in terms of technical characteristics and finishing options, as well as product safety. The company is offering and promoting its products and expertise on the global market. Business clients are manufacturers of beverages including spirits, sparkling wine, wine, beer and water, grocery and luxury food products, tobacco products, as well as pharmaceutical and cosmetics products. Its potential end-uses range from high-end to standard products, including specialised segments such as individual craft beer breweries.

Specialties for manifold applications

Zanders' range encompasses high-gloss finished label papers and premium board grades forming part of the traditional Chromolux brand, one of the world's leading brands of paper, as well as superb grades with a particularly smooth and natural surface respectively. They comprise the Zanlabel types of label paper as well as the Zanpack grades of packaging board. Zanders offers premium brands Chromolux digital, Silver digital and Zanpack silk digital particularly developed for digital printing as well as Zanjet, a coated two side inkjet paper available for high speed commercial inkjet printing. The portfolio is completed by the flexible packaging paper Zankraft and Zanflex as well as the barrier paper Zanbarrier OGR. Zanders exclusively uses raw materials from sustainably cultivated forestry operations and therefore fulfills the FSC requirements.

"Z" for Zanders

The Zanders logo expresses the essence of the company: a white "Z" for Zanders is emblazoned on a dark circular background that symbolises a roll of paper, illustrating its focus on papermaking. Below this letter, three horizontal white lines, representing sheets of paper, emphasise the basis for the success of the company.

"Papermakers" since 1829

"Zanders, the papermakers" is the corporate slogan. It spells out that this paper factory, with its rich tradition, is sustained by its employees - the "papermakers" - and their special form of expertise.

The Zanders paper mill remained in the hands of the Zanders family for around 150 years. Constantly growing, Zanders expanded its production at the Gohrsmühle mill into art paper in 1895 and introduced Chromolux in 1958. Following its listing on the stock exchange in 1980, Zanders AG was acquired by the Finnish fresh forest fibre paper and board manufacturer Metsä Board (formerly M-real) in 2001, and renamed Metsä Board Zanders GmbH in 2012. In May 2015, Munich-based holding company mutares AG acquired the company, which once again produces its high quality grades of paper under the name of Zanders GmbH.

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PORTFOLIO OVERVIEW

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The right paper and board for every application

Zanders' range encompasses high-gloss finished label papers and premium board grades forming part of the traditional Chromolux brand, one of the world's leading brands of paper, as well as superb grades with a particularly smooth and natural surface respectively. They encompass the Zanlabel types of label paper as well as the Zanpack grades of packaging board. Furthermore, Zanders offers premium brands Chromolux digital, Silver digital and Zanpack silk digital particularly developed for digital printing. The portfolio is completed by the flexible packaging paper Zankraft and Zanflex as well as the barrier paper Zanbarrier OGR.

Chromolux – High-gloss and flawlessly smooth surface



Chromolux premium brand was introduced in 1958 and is today one of the world's leading paper brands. The cast-coated label and board grades perfectly set off high-end products such as exclusive perfumes and cosmetics, exquisite confectionery, champagne and spirits, fine tobacco goods and many other luxury articles but is excellently suited for graphic applications as well. They stand out due to their high-gloss appearance and unique smoothness.

Chromolux label papers offer excellent printing results and the highest level of efficiency in labelling. Their very smooth and high-gloss surface gives them a unique and unmistakable character. Chromolux label papers are primarily used for high-end products such as champagne and spirits, but is also suitable for upmarket beers that need to convey quality. From high white to pearl white, from metallic silver to aluminium to metallic gold, Chromolux label papers are available in a wide variety of subtle shades and finishes, ensuring the perfect appearance of premium products.

Chromolux board grades with their high-gloss surface are available in a number of glamorous variations: With a glossy metallic surface as aluminised Chromolux magic, or in the versions pearl, high white or coloured, the traditional brand perfectly stages these high-end products. Their absolutely flawless smoothness without the slightest unevenness also allows for an entire range of finishings: from blind and relief embossing to hot and

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cold-foil embossing and all the way to unusual finishing techniques such as metallisation, glitter lacquering, iridol effects, flock printing or laser punching.

Zanlabel and Zanpack – Appeal to the senses



Zanlabel label papers

Zanlabel touch is natural in quality and appearance with an uncoated finish yet is ideal for many applications. “This label paper has excellent finishing properties as a result of its special surface treatment,” says John Tucker, Sales Director at Zanders. “We specifically developed Zanlabel touch for beer, wine and spirits labels that are intended to underline the product’s naturalness, individuality, craftsmanship or authenticity. Craft beer brewers, wine and spirit makers can use Zanlabel touch to give their products a look that reflects their positioning.” Uncoated Zanlabel touch label paper is available in 80 and 90 g/m², in sheets and reels, and like the entire range, it is manufactured from FSC-certified, sustainable cellulose. The concept of sustainability is welcomed by ambitious independent brewers, spirit and wine makers. Being a wet strength (WS) label paper, it is suitable for returnable bottles, yet it delivers excellent quality print, hot foil and blind embossing results as well as running and punching properties. Zanlabel touch is also available in a vergé embossing.

Zanlabel gloss is double coated on one side and has a smooth surface that delivers excellent printing results with maximum ink gloss. It is available in non-wet strength (NWS), light wet strength (LWS) and wet strength (WS) version in weights from 70 up to 120 g/m². It meets the requirements of the packaging industry and is ideal for numerous applications such as wet glue labels for disposable, returnable and PET bottles, food and non-food container labels and sleeves. **Zanlabel gloss with linen embossing** is well suited for the brewing industry’s returnable bottles and other applications. The linen embossing adds a non-slip finish to beer and other bottle labels, and it differs from smooth label papers in terms of its textured surface. “Zanlabel gloss with linen embossing ensures excellent running properties in printing, processing, embossing and punching, and it is also ideal for cold and hot foil embossing,” emphasises Tucker.

Zanpack board grades

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“When a good print result is not good enough” is the slogan of the Zanpack brand. It offers a special surface and extremely pure whiteness, which will bring out the full intensity and brilliance of printing inks – just perfect for packaging that will be eye-catching on the shelf and feel great to the touch. “Our decades-long experience in perfecting high-performance coating technologies has been incorporated into the development of Zanpack board grades,” says John Tucker, Sales Director at Zanders. “The print results are better than good – they are inspiring. Zanpack builds on the tradition of innovation that produced Chromolux, but with a product that is both top quality and cost effective.”

Zanpack silk is double-coated on one side, with an exceptionally smooth surface and matt silk touch. It also has a special lick coating on the reverse, which gives superior print results compared to standard uncoated reverse sides. The high whiteness of Zanpack silk makes it ideal for packaging pharmaceuticals, as well as food and beverages, tobacco products and non-food items. It also perfect for graphics applications. Zanpack silk comes in grammages from 180-380 g/m².

Zanpack silk² is two-side double-coated grade, producing identical print results on both top and reverse sides. With a luxurious matt silk feel, it sets the tone for premium items. It is available in grammages from 240-330 g/m².

Zanpack touch has an uncoated surface giving a grainier, more natural touch. It is especially suitable for brands that emphasise organic and natural properties or an individual and hand-crafted feel. It comes in weights of 240, 300 and 340 g/m².

Digital print assortment – Flexibility combined with high quality



Zanders’ digital print grades are ideally suited for high-quality packaging as well as graphic applications.

Zanjet is a coated two side inkjet paper available for high speed commercial inkjet printing. Designed in cooperation with HP Inc. for use on the HP PageWide Web Presses, Zanjet meets strict ColorPRO Technology standards to offer optimized print performance, deliver superior quality, outstanding picture reproduction with maximum densities and pin-sharp detail at full press speeds. The two-sided application of a special ink-receiving

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layer allows extensive ink coverage combined with fast ink drying and more durable color fastness. At the same time, the paper retains its gloss. Excellent processing, refining and finishing properties complete the overall picture. The **Zanjet gloss** and **Zanjet silk** versions, available in 90, 104, 115, 130, 150, 200, and 250 gsm grades, can be utilized in small print-runs for premium promotional materials at comparatively low unit prices. Suitable applications include: full color brochures, direct mail campaigns, transpromotional materials, softcovers, and books. Zanjet is already in utilization by two major German car brands for their automobile log books.

Silver digital, relaunched in 2016, is a two-side double-coated paper and board, especially designed for toner-based digital printing, and available in both gloss and matt finishes. “Silver digital was one of the first ranges to be developed for digital print rather than adapted from an existing grade,” says John Tucker, Sales Director of Zanders. The grade enables brilliant, clear-cut colour reproduction on front and back and is available in grammages from 115 to 350 g/m². It has excellent toner adhesion and is fast drying. It is suitable for many applications, including brochures, displays, cards and packaging, and is recommended for photo albums. Silver digital is HP Indigo certificated for HP Indigo liquid toner machines, as well as being approved for dry-toner presses from Konica Minolta, Xeikon and Xerox.

Chromolux digital combines the high gloss and luxury feel of Chromolux with the flexibility and speed of digital print to allow creative freedom with shine and smoothness.

Zanpack silk digital is a premium grade with a silky smooth surface and outstanding printing properties. “When a good print result is not good enough” is the slogan of the Zanpack brand. In line with this view, Zanders commits to high-quality board grades for the series, including Zanpack silk, Zanpack silk² and Zanpack touch, in addition to top-class print results and an extraordinary feel. This also applies for Zanpack silk digital grade, which was specially developed for digital printing. Zanpack silk digital is one-side double-coated and designed for packaging that will be eye-catching on the shelf. “Our digital print grade will win people over with its tangibly smooth, silky-matte surface. It demonstrates excellent toner adhesion in just a short time, thus achieving an outstanding printed image in conjunction with its high-purity whiteness. Furthermore, Zanpack silk digital has superb lacquering, embossing, stamping and laminating characteristics”, explains John Tucker, Sales Director at Zanders. Zanpack silk digital is ISEGA-certified, features odour and taste neutrality and is UV light resistant. The grade is therefore suitable for the high-quality packaging of sophisticated confectionary, premium food and drinks, cosmetic and pharmaceutical products, as well as non-food articles and tobacco goods and for graphic applications. It is available in the grammages of 220, 240 and 275 g/m².

Flexible packaging papers – Wraps all kinds of food



As fresh fibre papers, all packaging papers of Zanders stand out due to their high level of purity and safety, thus making them ideally suited for the packaging of food such as cereals, sugar, flour, baking and confectionery goods, as well as soup packets or individually wrapped tea bags. Furthermore, they can be successfully deployed as packaging for pet food or tobacco goods, as gift wrapping paper, for shopping bags or for laminations.

Zankraft is a kraft paper that has been especially developed for contact with food. It includes the lightly waterproof, machine-smoothed natural paper Zankraft MF in matte/silk versions. It makes an excellent composite material with the best opacity, print and processing properties.

Zanflex flexible packaging paper offers practical and attractive solutions to meet growing requirements in the packaging sector. There is a trend towards increasingly small packaging units for food products, such as confectionery, dairy products and consumer goods. Portion pack soups and single-use sugar sachets; individually packaged tea bags that seal in the content's fine aroma; and hygienic wipes that have to be kept moist, are all increasingly marketed in flexible packaging. It offers protection on the inside and communicates important information and brand messages on the outside. Zanflex meets these requirements with its high functionality. It is crease resistant, has optimum processing properties and a smooth surface that delivers excellent printing results in art paper quality. Zanflex can be used either on its own or in combination with other materials such as aluminium or plastic. The rough reverse side makes the paper ideal for lamination, and the application of extrusion and barrier coatings. The smooth surface with excellent printing properties enhances colours with a shine otherwise only seen on art paper. The result is vibrant print for effective presentation and high advertising impact. The weight ranges from a lightweight 45 g/m² paper to 50, 60 and 70 g/m².

Zanbarrier OGR is a flexible food contact paper specially for products containing fat. The uncoated paper is resistant to oil and grease and moisture-proof. It is suitable for fast food packaging such as kebab or French fry wrappers, for butter wrapping, as release paper for fatty and moist food products or as lamination on pizza and bakery boxes, for example.

In addition to the OGR variant, Zanders is working on further barriers, including those dedicated for use with mineral oils, water and steam, or as aroma protection. "Our decades of experience in the use of high-performance technologies for surface treatments has enabled us to test and implement all different kinds of barriers", explains Jakob Jonsson, Sales Director at Zanders. "We can provide our customers with flexible and targeted solutions for their individual needs. With our high-performance barrier papers, we offer an environmentally friendly alternative to plastic packaging."

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