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ITMA 2019

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at the fair
in Barcelona

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Elegant look,
soft to the touch

LATEST NEWS

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125 YEARS

KISSEL + WOLF

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20 - 26 June 2019

ITMA IN BARCELONA



Final preparations for the world's largest trade fair for textile machinery are in full swing. At this key trade fair venue, covering an area of 31 football pitches, more than 1,700 exhibitors from 45 countries will again showcase in 2019 all the latest trends and technology for the textile processing industry.

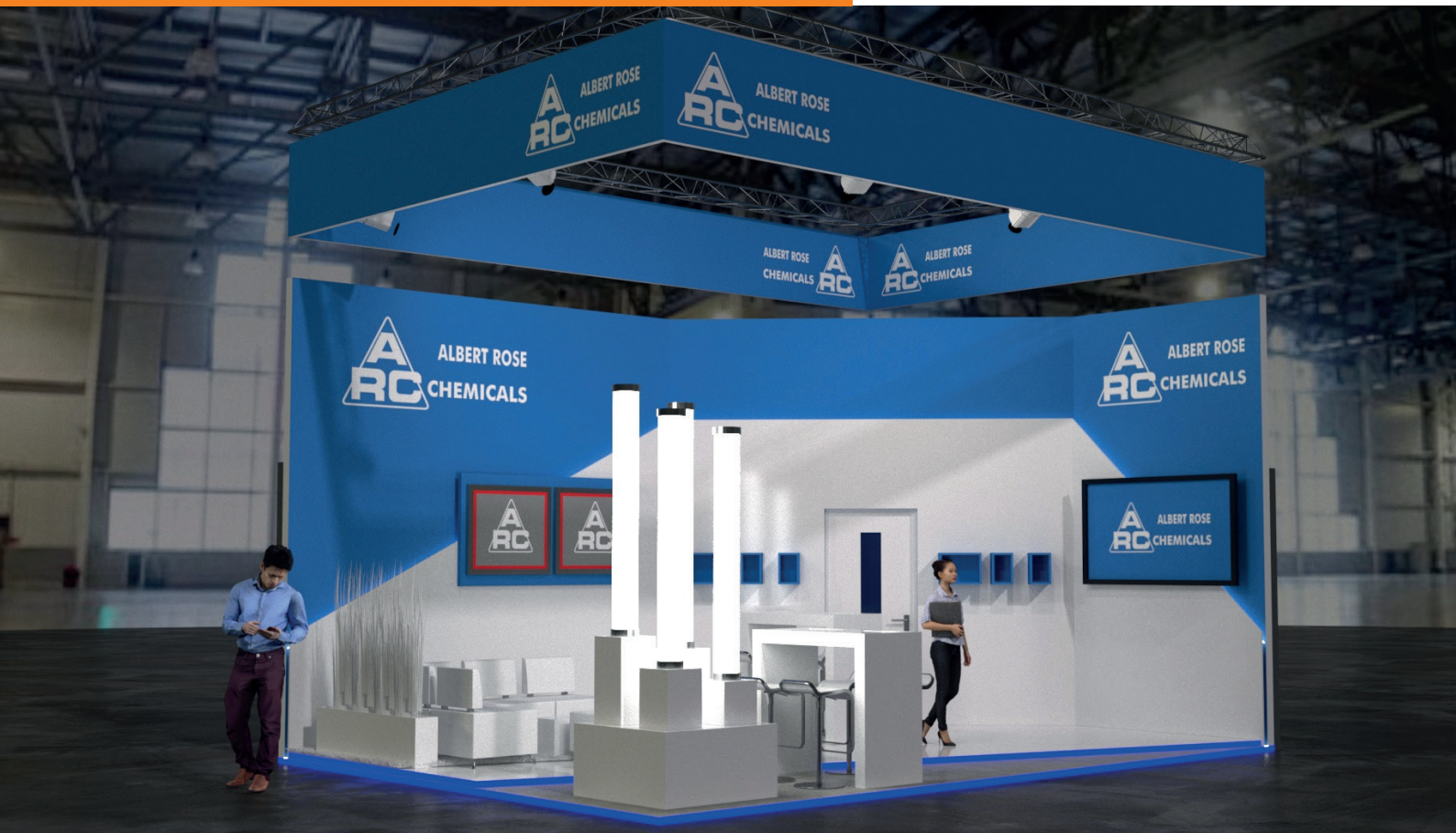
ARC: Hall 3, Booth C221

Principal focus at the ARC stand will be on lacquers and photoemulsions for rotary and flat textile printing, as well as the renowned KIWOTEX® permanent and thermoplastic adhesives (KIWOTEX DK and KIWOTEX TDK ranges).

Moreover, ARC will present its latest innovation from the KIWOTEX® Digital range. These permanent adhesives for the fixation of substrates on digital textile printing machines make up an essential component for the printing blankets. Their permanently tacky surfaces allow repeated continuous fixation of the printed fabrics. Being presented for the first time are two new developments: KIWOTEX® Precoat Resin, a levelling agent and KIWOTEX® Decoater HF, a cleaner / stripper designed for peeling off the used KIWOTEX® adhesive coating.

Preview the new product film: www.albert-rose-chemicals.eu/en/products/adhesives/kiwotex-productvideo

ARC (Albert Rose Chemicals):
Hall 3, Booth C221



Better registration for printing on textiles

ADHESIVES FOR PRINTING BLANKETS

Textile printing calls for the requirement that the textile substrate to be printed should be effectively affixed on the blanket of the printing machine or table. If this "fixation" or "adhesion" is insufficient, the goods to be printed may slip and prevent accurate print registration. For different requirements in textile printing, either water-soluble or permanent adhesives are used.

Water-soluble adhesives are applied continuously to the printing blanket by means of an applicator and washed off immediately after printing. The goods to be printed are affixed on the damp adhesive coating. When solvent-based permanent pressure-sensitive adhesives are applied, the solvents evaporate, and after drying form a permanently adhesive film. This adhesive film is very durable and allows repeated fixation of the goods to be printed on the printing blanket. Residual printing paste, ink and other contaminants can be very easily cleaned off with water, without any reduction of the adhesive strength.



Both for flat and rotary textile printing, Kissel + Wolf offers permanent pressure sensitive adhesives for the fixation of substrates during printing. However, there are two kinds of permanent adhesives:

- (a) where the surface permanently tacky (KIWOTEX® DK series) and
- (b) thermoplastic adhesives, which are only activated by heat for a short time during the printing process (KIWOTEX® TDK series).

All KIWOTEX adhesives are applied in several thin coatings with the printing blanket rotating and, after drying, form a permanent, water-resistant

adhesive film. This adhesive film is resistant to printing pastes / inks and cleaning using water, enabling a long life and even print runs of more than 500,000 metres.

The KIWOTEX® DK and KIWOTEX® TDK adhesives can be mixed with each other. Thus, for a specific application, the adhesive can be blended directly on the printing machine and adapted to the needs of the customer. Within this product range, there are also auxiliaries supplied such as bonding and levelling agents, as well as suitable cleaners / strippers for removal of old KIWOTEX® adhesive coatings.

On those digital printing machines with rotating printing blankets, it is also necessary to affix the goods to be printed with a permanent adhesive during the printing process. For this application, specific requirements are necessary, which the products from the KIWOTEX® Digital range fulfil. They offer good adhesion to the printing blanket, giving resistance to mechanical influence during printing and the subsequent continuous blanket cleaning. This allows long print runs as well weeks of continuous machine operation.

For more information on this topic, please contact our Application Technology Centre: info@kiwo.de



Elegant in appearance, soft to the touch

FLOCKING ON TEXTILES

Flocking is one of the most durable processes that can be used to enhance textile printing. Despite the advent of innovative and alternative printing methods, flock printing has firmly established itself in the market. When compared with other textile printing processes, surface finishing with flock is characterised by very good colour coverage, brightness, a soft feel and exceptional resistance.

What exactly happens during flocking?

A substrate coated with adhesive is flocked electrostatically with synthetic fibres. Flock fibres are polyester, polyamide or viscose monofilaments cut very short. To explain it very simply, while the adhesive coating is still wet, millions of these fibres are fired into the field created by an electromagnetic charge. The fibres are thus forced to align more or less vertically and this results in a uniform, velour-like surface with a textile character.

Design possibilities of flock



Just by the selection of flock fibres to be used, design or functional effects can be achieved. It is also possible to combine several printing methods, which open up completely new design options. Flock can be printed, for example, and then very finely structured by laser. With low area flock coverage, the background of the substrate can shine through, thus offering another special effect. Multi-coloured flocking is also technically feasible.

In spotlight: MECOFLOCK® D 404

MECOFLOCK® D 404 is a screen-printable two-component dispersion-based flock adhesive for directly flocking designs on textiles. It is suitable for manual screen printing as well as automatic screen printing carousel machines. Depending on the textiles and flock fibres used and once the adhesive is cross-linked, the flock attains very good washing and dry cleaning resistance. The adhesive can be dyed in the respective flock colours to achieve a uniformly brilliant flock effect.

For more information or sample requests, please contact our Application Technology Centre: adhesives@kiwo.de



KISSEL + WOLF IS ONE STEP NEARER TO IATF 16949 CERTIFICATION

Quality management systems are building blocks for a company's success. They help businesses with constant and efficient improvement – thus systematically and specifically contributing to this success.

IATF 16949 is both a national and international widely-used standard. The IATF (International Automotive Task Force) regulates the quality management of all companies participating in the value creation chain of automobile production and provides a holistic approach to quality improvement.



Excellence, cost efficiency and delivery reliability form the focus of this standard.

Therefore, we are very pleased to announce that at the end of May 2019, Kissel + Wolf GmbH successfully completed the "Stage Two Audit" in the IATF 16949 certification process and is now pressing on at full speed towards full certification.

In this respect:

Kissel + Wolf invests in its Wiesloch base



To be able to more adequately fulfil increasing customer requirements, in particular in the automotive sector, the company has invested in a new production building.

The new building project covers a total area of approximately 1,300 m² and is due to be completed by the end of September 2019. Paying special attention to fire safety, the



two-storey building is exclusively made with concrete and is completely self-contained from the other existing production areas. With its own electricity and water supplies, this new production building guarantees the company maximum production reliability and even greater delivery readiness – requirements that are especially called for in the automotive industry.

Big celebration in the Munich Hofbräuhaus

125 YEARS OF KISSEL + WOLF GMBH

On 15 May 2019, Kissel + Wolf GmbH celebrated its 125th anniversary during the FESPA in the world-famous Munich Hofbräuhaus.

Just over 300 guests, including many business partners and company staff, heard Kissel + Wolf Group Chairman, David R. Eisenbeiss, not only thanking them for their energetic contribution to the Kissel + Wolf success story but also giving a brief outline of the company history.

Afterwards, all the guests enjoyed an extensive buffet with various Bavarian specialties, enlivened with musical accompaniment by the "Tonihof-Buam"¹ and have their photos taken at the portrait stand – or drawn by a cartoonist².

¹ www.tonihof-buam.de

² www.karikaturist-kasli.de



Kissel + Wolf

