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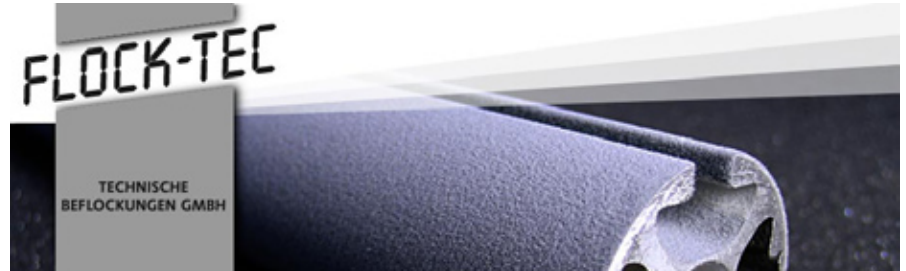
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**.... Specialised in particular FLOCK applications**

Many flocked products, which are produced all over the world nowadays, have their seeds in Gomaringen, either by FLOCK-TEC or in the early days by Maag & Schenk.

To mention two examples of flocked products used worldwide these days we refer to the first cups, made of china, which were flocked by FLOCK-TEC in 2002 and the first multicolour door mats, which were flocked by Maag & Schenk in 1982.

FLOCK-TEC has been founded in 1990 by Ulrich Maag and Hans-Peter Krüger. Both had gathered long time experience at the machine manufacturer Maag & Schenk, who became the biggest and technical leading Flock machine manufacturers from 1971 to 1987. With the knowledge and the pleasure in flocking it was their aim to become a competent and reliable partner in flocking. Up to now quality, adherence of delivery dates and creativity on new developments are the base of their business policy.

At first mainly boards and two-dimensional products were flocked. Because of several new developments a

serial order for the sealing of a mirror made of EPDM for the Mercedes S-Class had been obtained soon. The request to flock a visible surface, equally and precise, had not been achieved by any competitor. For this order (altogether several thousand parts) a special flocking line had been developed and built. With all the development requests they generated smaller and bigger serial productions again and again, i. e. small formed parts of TPE, metal flutes, loudspeaker, parts of cameras, orthotics, etc.

Through the wide range of products our workers are confronted with high requests. They identify themselves with their work and are trained on a regular base. Most of them work for us for several years already.

Most of the machines are not equipped for mass production, like centre consoles and glove boxes for the automotive sector. Of course these parts are flocked as well but only in small amounts for new developments, samples, pilot productions and special editions. Our production lines are built up so they can easily be adjusted for dif-

ferent items. They are also optimised in regards of changing the flock-colours, which needs to be done three or four times per day sometimes.

With the high amount of different parts and new developments it is difficult to describe our product range. Mainly formed parts, boards and items made of plastics (sometimes with pre-treatment for bonding), wood and MDF, Metal, elastomers, TPE, etc.

Millions of small pieces (ca. 50 x 100 x 30 mm) were flocked for the automotive and cosmetic industry already. Furthermore several thousand parts were flocked for the orthopaedic and optical industry as well as machine manufacturers. Other big series productions were done for gratings of IR-spots in saunas, inserts for drawers, profiles and design elements for shop fittings, carriers for the transports of delicate work pieces, individual parts for architecture, fair constructions..... This list wouldn't find an end as the applications of FLOCK are nearly without a limit.

Besides the nice surface there are also functional characteristics which flock offers.



*Design element for walls*



*Fair construction*



*Gratings for IR-Strahler in saunas*

- Flock is insulating high and very low temperatures, i. e. it protects against burnings when touched and prevents condensation
- Flock is used as adhesion-promoter for low adhesive materials, i. e. foams.
- Also kinds of nearly non-reflecting flock are available.
- Flock fibres are available with different lengths and thickness and moreover they are elastic with which tolerances can be adjusted and different sliding frictions can be reached. With sliding guides the direction centres automatically. The friction resistance is not depending on temperature like in contrast to oil or grease
- Flock is also used as sealing and it avoids vibrations and sounds
- With the capillary action flock can also be used for the application of liquid materials. With adequate fine fibres, a very fine layer can be achieved.
- In contrast to other textile materials, i. e. canvas, fleece, felt, etc., also three dimensional parts can be flocked seamless and free from creases with an even textile surface.



*„Flocklawn“*

Besides technical applications FLOCK-TEC has also turned towards flocking paper for several years. It started with Brochures for LYCRA® of DuPont. The marketing agency was very enthusiastic about the quality that also cards and papers for Christmas were flocked. Short after that an envelope for a book of the “Haus der Kunst” in Munich was flocked, which found very good response in the circles of experts.



Flocked paper got accepted as a great method for refining paper. Since that time the inquiries of flocked paper grew. In 2007 a special production line for flocking paper was put on stream. Nowadays high numbers of items are produced but always with the aspect quality over quantity. The particular charm about flocked paper is the difference between the flat surface of the paper and the velvety design made of flock. First of all it is noticed visual but moreover its haptic is very nice which also affects remembering flocked cards and brochures. This nobleness can also be underlined by choosing an appropriate colour. For Christmas cards mainly white for snow or red which seems festive is chosen, also green looks very nice. Special occasions can be highlighted in wintered, and for spring yellow, lime or pale blue fits very well, etc.

For particular applications we also flock self-adhesive paper. It is either produced as sheets or stamping parts, available in many different colours, lengths and dtex (international identification for the fineness of fibres made of textile).

On our Homepage [www.flocktec.de](http://www.flocktec.de) you can find more flocked products. Moreover we can offer to send you samples of flocked paper so you can touch and feel flock as well.

We are a partner with experience when it comes to flocking.



*flocked paper*



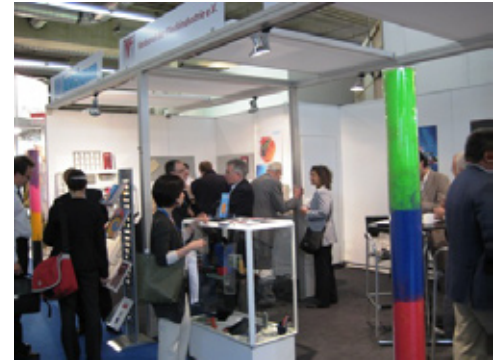
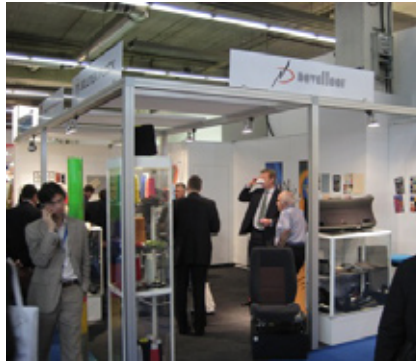
The 13th edition of TechTextil held in Frankfurt from 16 to 18 June, was surely a particular edition of this important event. The terrific and since decade never faced economic crises that is characterising 2009 was definitively influencing the normal and usually exiting handy of Tech Textile. Besides that, the number of exhibitor is increasing as the number of visitors, but the general mood of exhibitors was not so exciting regarding the business trend of the last 3-4 months. Nonetheless

most of the people were flocking around the 3 and 4 halls of the immense Frankfurt Messe centre was getting out satisfied with good results in terms of contacts taken from stands because of occasional and pre-established meetings.

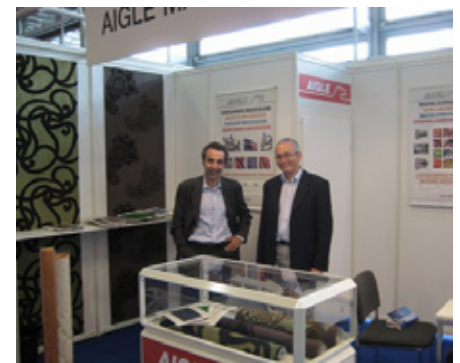
This years edition was particularly important for the flock industry and for the FAoE. (from now we so call our association officially!) The companies Koschaum, Novafloor and Velutex were exhibiting with the Association on a joint stand. Effectively Flock industry is representing in the technical textile sector and at the Tech Textile for a long time; for example other members like AIGLE, CASATI, CHT and companies which are not belonging to the VF like FINELVO had booked their own stand since the end of the last edition already .

The presence of the Association has two important meanings: first the new policy of the association to be more present on important events for marketing and spreading out the advantages of FLOCK to the higher number of dealers, designers, operators of all industrial sectors is now effective and more efficient - the Association will be present indeed in other exhibition during the next 12 months, i. e. MATERIALICA. The second meaning is that flock industry operators are trying rightly to expand their actions into sectors where flock can find an interesting appeal.

As previously said the number of visitors was not so elevated but all exhibitors were agreeing that the quality of the participants was really elevated and that most of the enquiries were serious with some possibility of success.



*Stand of the FAoE and the members Koschaum, Novafloor und Velutex.*



*Andrea Levi and Alberto Sadun at the stand of Aigle*



### Association and members exhibit....

The companies Hella Priem GmbH and Koschaum GmbH will exhibit with the Association at the **Materialica in Munich from 13.10. - 15.10.2009**

HALL C4 Stand 417

### Members exhibit....

The companies Fratelli Casati s.n.c., Kissel + Wolf GmbH, Maag Flockmaschinen GmbH and Schuster Beflockungstechnik GmbH + Co. KG will exhibit at the **Fakuma in Friedrichshafen from 13.10. - 17.10.2009**

HALL A1 Stand 1130





On July 28, 2008 Forbo announced the acquisition of Bonar Floors. The transaction was completed on September 30, 2008. With the acquisition of Bonar Floors, Forbo Flooring System will further strengthen its leading position as a systems provider of resilient flooring solutions for the commercial market.

Forbo is a leading producer of flooring systems, adhesives as well as power transmission and conveyor belt solutions.

Including this acquisition, the company now employs some 6800 people and has an international network of 38 production companies with distribution, and about 50

sales organizations in a total of 35 countries, generating annual net sales of about CHF 2.2 billion. Forbo is headquartered in Baar in the canton of Zug, Switzerland.

Within the next couple of months all products, will be presented by Forbo Flooring. The homepage of Bonar Floors will remain as long as all transpositions are done.

### ***...this FLOCK-News could contain an ad from you?***

*This unique newsletter for the flocking industry is delivered to over 700 recipients at the moment. Apart from the members of the association of flock industry Europe (reg.), there are also recipients who have requested the Newsletter on our homepage [www.flock.de](http://www.flock.de). Based on the concept to generate the FLOCK-News as a digital medium, it is also largely distributed within the companies subscribed to it and also on internet pages which make these FLOCK-News available to their visitors as well.*

*Use FLOCK-News in order to reach your potential customers world-wide with a targeted advertisement. For further information please contact us at +49 (0) 9546 595840 or by email at [info@flock.de](mailto:info@flock.de)*

## ABOUT FIBRES AND COLOURS OXANA HELMKE AND BRANKO STAHL

Paintings are not the copy of the reality, they are reality. The most distinctive thing about it is the colour. Nowhere else colour has a central role such as colour composition itself.

In a graphical display, colour is the servant of the preconceived identification. By painting it shows all its independence. By drawing colour brings out poetry, which belongs to humans like words.

From 2nd to 31st of October there will a particular picturesque meeting. Oxana Helmke, paintress

of the russian Avantgarde-School Malewitsch-Sterligov / Teacher Gennadij Subkow in St.-Petersburg and born in Amurskaya Oblast close to the Trans-Siberian Railway, does compose refined paint elements like kinds of mosaic to images which seem like pure abstraction at first sight, just like painting in the original meaning. Eyes only realise bit by bit parallels to faces, objects or rooms.

Branko Stahl from Heppenheim, the inventor of Flock paintings, evolves three dimensional symphonies of colour with Flockfibres.

Thoughts and feelings will come up by viewing his work longer, they reveal parallels to his profound headers.

Now both of these schemes of colours will be displayed together at the historical columned hall of the old town hall in Pfungstadt.

Vernissage: 2nd of Oct. 7pm

Opening hours:

Saturdays: 12pm to 6pm

Sundays: 11am to 4pm

Tuesdays: 3:30pm to 5:30pm

Thursdays: 4pm to 6:30pm



*Weltenschiff - Farbraumskulptur*



*Cutout of Weltenschiff - Farbraumskulptur*

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