

## PRESS RELEASE

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An Indian textile called a Chamba Rumal, which shows where the textile has been folded and how light damage has not only changed the colour of the dyes but also bleached out the white base fabric.



Middle Eastern textile showing what light damage can do to the actual warps & wefts of the fabric.

Photos courtesy of JANIE LIGHTFOOT ACR

## **Kommerling's new liquid composite for glass, Ködiguard Conservation, significantly reduces UV light damage**

- **The transparent, colourless appearance makes it ideally suited to heritage applications**
- **Latest addition to the company's comprehensive liquid composite range**
- **European partners sought**

Kommerling, a leader in the development and manufacture of high quality sealants and adhesives for the glazing market, is launching the latest addition to its range; Ködiguard Conservation. This specialist colourless liquid composite is specifically designed for applications where the highest reduction of ultra violet light transmission across the full UV light spectrum is required without effecting quality of naturally transmitted light.

Emma Telford, textile conservator, explains more; "Historic textiles always need to be protected from ultra-violet light, the most damaging wavelength in the spectrum for textiles. UV filters applied directly to glass, whether on windows or in frames, are a useful tool in the limited repertoire of available methods to block this particular type of light."

"For years art galleries, museums and organisations such as the National Trust, have had to take great care when displaying art work, furniture and textiles, often resulting in these treasures being stored in darkened rooms or only available for

viewing at restricted times. Ködiguard Conservation offers a viable solution in single or insulated glass format and will remove the need for the regular replacement of post installation applied films. By using the actual fabric of the building, in the form of specially protected windows, to provide UV protection these organisations are provided with an extra layer of u.v protection combined with an inherent safety performance providing a long term opportunity to share these treasures with a wider audience," commented Chris Davis, Composites Manager at Kommerling.

Ködiguard Conservation is a versatile multi-component, curing product which has been designed to safely laminate temperature sensitive, symmetric, tempered, flat and curved glass substrates. It can also be used to add UV protection to IGU, solar control, fire, decorative and fire resistant glass. It has a colourless, transparent appearance and is capable of filtering out most ultra violet light up to 400nm (Parry MoonScale) and a colour rendition of +95, which ensures little or no impact on the viewing experience.

### **Partners Sought**

Kommerling believes that there are considerable opportunities for this product, not only in galleries, museums and record offices but also in medical and health care establishments where residents may need additional protection from UV light. They are also receiving an increasing number of enquiries regarding its use in private homes due to the high level of protection that it offers against the degradation of internal furnishings. With this range of commercial options available the company is keen to hear from any organisation that may be interested in becoming a production partner. For more information please contact [Chris.Davis@koe-chemie.de](mailto:Chris.Davis@koe-chemie.de)

This is the latest addition to the company's growing range of liquid composites and one that adds vital value to existing specifications through enhanced structural rigidity, manual or ballistic attack resilience and improved acoustic insulation. For more information on the full range please visit the company's website [www.kommerlinguk.com](http://www.kommerlinguk.com)

### **Background**

Koemmerling Chemische Fabrik GmbH is a leading international manufacturer of high-quality adhesives and sealants. Its European headquarters and extensive research and development facilities are in Pirmasens, Germany and it has a network of subsidiaries, sales offices and sales

partners, in more than 80 different countries. Members of the group have over 110 years experience of the development of adhesives and sealants. In particular the company has established itself as an innovative market leader in provision of Polysulfide, Polyurethane, Silicone and Polyisobutylene sealants for the insulating glass, photovoltaic, and automotive industries.

Koemmerling Chemische Fabrik has been awarded ISO 9001, ISO 14001 and OHSAS 18001 certification.

For more information visit [www.kommerlinguk.com](http://www.kommerlinguk.com) or [www.koe-chemie.com](http://www.koe-chemie.com)

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