



TEXTILES FOR SHOWCASES
AND DISPLAY CABINETS

FABRICS FOR DISPLAYS AND DISPLAY CABINETS

Today, various different measures are taken to preserve paintings, sculptures and historical works of art and protect them from damage. What is referred to as the “preventive conservation of exhibition objects” comprises all measures taken to improve upon the prevailing conditions and thus prevent damage to the exhibits without interfering directly with the actual object.¹ Obviously, the choice of the appropriate materials for use in displays and display cabinets as well as for the furnishing of exhibition rooms plays an important role. In order to avoid any damage to exhibition objects, any potentially problematic materials should not be used.² Création Baumann carries out different tests in order to provide conservators and curators with all the necessary information on our fabrics.

The Oddy Test

In the museum sector, the Oddy Test is considered to be one of the most important and well-known procedures to determine corrosiveness. Developed by Andrew Oddy, former head of Conservation at the British Museum, the Oddy Test involves sealing a fabric sample in a glass vial with a copper, a silver and a lead metal coupon. In order to accelerate the corrosion reaction of the fabric on the metal coupons, the test is carried out at a temperature of 60 °C and at a relative humidity of close to 100%. After 28 days, the changed surfaces of the Oddy Test metal coupons are then compared with reference samples (i.e. metal coupons kept in a glass vial under the same conditions but without the fabric sample).³

Création Baumann tests display and display cabinet fabrics dyed in our own works according to the Green/Thickett method⁴, a further development of the Oddy Test. According to this method, fabrics, in all their colours, are classified as either “suitable for permanent use” (P), “suitable for temporary use” (T) or “not suitable for use” (U) – classifications that are useful for conservators and curators.

pH Value⁵

Depending on the exhibition object, textiles should not exceed certain acidity and alkalinity threshold values. An international norm defines a procedure for the definition of the pH value of the water extract of textiles. This procedure can be applied to all kinds of textiles and is also used by Création Baumann.

Colourfastness Tests⁶

Testing a fabric's colourfastness against artificial light is important if the product is to be used in illuminated displays or display cabinets. This norm describes a testing method for the definition of the colourfastness of textiles by measuring it against the impact of an artificial source of light (a xenon arc lamp) that corresponds to natural daylight (D65). All colours of all Création Baumann fabrics are tested according to this procedure.

YOUR BENEFITS

- Currently, 7 fabrics available in over 400 different colours have been tested in our own laboratories
- Online access to test results: (Oddy test, pH value, colourfastness) and to certificates: www.creationbaumann.com
- Fabric sample cards (A4) and overview of available colours
- Rapid availability of tested fabrics
- No minimum quantities
- No additional costs for in-house testing
- Oddy tests of further Création Baumann fabrics are possible and subject to customer inquiry

¹ Swiss National Museum, Collections Centre

² Christoph Waller, Reduction of air pollutants in museums and archives, www.cwaller.de/fr_didaktik.htm

³ Alexandra Schieweck and Tunga Salthammer, Harmful substances in museums, libraries and archives, Hannover, 2006

⁴ L.R. Green and D. Thickett, Testing Materials for use in the storage and display of antiquities – A revised methodology, *Studies in Conservation* 40 (1995), 145-152

⁵ EN ISO: 3071, 2005

⁶ DIN EN ISO: 105-B02, 2000

REFERENCES

Museums throughout the world use Création Baumann fabrics in their displays and display cabinets some to name but a few, include:

Art Institute of Chicago, BENIN Exhibit, Chicago, product: "Ultra"

Intermuseum Conservation Association Ohio Restore 1790's, Cleveland, product: "Ultra"

Katonah Museum of Art, Art of Joseph Cornell, New York, product: "Ultra"

Utah Museum of Fine Arts, Utah – American Indian Art, product: "Lorien Un"

Detroit Institute of Arts, Detroit Michigan, products: "Ultra, Unisono, Samar UN, Velling, Linum, Usus, Lagos"

Sterling Memorial Library, Yale University, New Haven, product: "Velos"

British Museum, Japanese Galleries, London, product: "Palazzo"

Swiss National Museum, Zurich, product: "Umbria"

Museum Franz Gertsch, Burgdorf, products: "Shade, Dimmer"

TEXTILES FOR DIMMING, GLARE PROTECTION AND ROOM ACOUSTICS

In addition to those textiles tested for display cabinets and displays, Création Baumann also produces a large range of fabrics offering useful functions for museums, i.e. fabrics that ensure privacy or glare protection or textiles that insulate or absorb sound. Our various products fulfil individual as well as entire series of such and similar tasks.



Dimming of exhibition rooms

Création Baumann offers a series of highly developed dimming fabrics for flexible use. These fabrics allow for creative interior decoration and are of astonishing workmanship.

www.creationbaumann.com/dimming



Glare and heat protection

All fabrics belonging to Création Baumann's select range of aesthetic and functional glare protection products are tested for their translucency and energy aperture.

www.creationbaumann.com/glareprotection



Fabrics for better room acoustics

Création Baumann's collection of decorative fabrics and tapestries for sound absorption all offer excellent absorption values, in particular in the middle and high frequency ranges.

www.creationbaumann.com/acoustics



QUALITY AND SUSTAINABILITY

Thanks to intelligent product design and adherence to high quality standards and innovative production procedures, Création Baumann contributes to improving upon the environmental life cycle assessment of its products.

In the early stages of product development, Création Baumann gives the highest consideration to appropriate raw materials which will ensure minimal impact on the environment as necessary - throughout a product's life cycle.

96% of our fabrics are produced in-house or by other Swiss or European suppliers.

It is of great importance to Création Baumann that only dyes and chemicals free of APEO and AOX and readily degradable be used in production.¹

Environmental Protection Standards

Our basic approach towards sustainability is clearly reflected by the universally applicable and standardized certifications of our Swiss production site.

For some time now, Création Baumann has been certified for its environmental management system according to ISO 14001.

In addition to this, the company is also ISO 9001 certified.² These certified industry standards once again contribute to an improvement of quality and sustainability.

Safety in Terms of Human Ecology

Thanks to the responsible use of chemicals and dyes in production, Création Baumann can guarantee its customers products that are perfectly safe. Since 1997, Création Baumann holds the Oeko-Tex® standard 100³ certificate that is based on an internationally standardized test and certification system for textile products on all processing levels. Testing is carried out for legally prohibited and regulated substances and chemicals known to be hazardous to health as well as according to specific health care parameters.



¹ APEO: Group of non-ionic tensides with a good performance profile but insufficient environmental compatibility.
AOX: Analysis method and indicator for the quantity of adsorbable organically bound halogens in water.

² The Swiss Association for Quality and Management Systems, SQS, www.sqs.ch

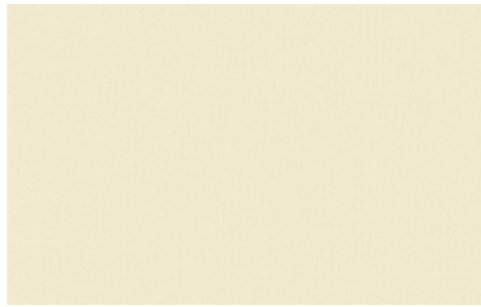
³ Institute of the International Association for Research and Testing in the Field of Textile Ecology, www.oeko-tex.com

A SELECTION OF TESTED CRÉATION BAUMANN PRODUCTS

INDIANA II

100% Cotton

col. 13



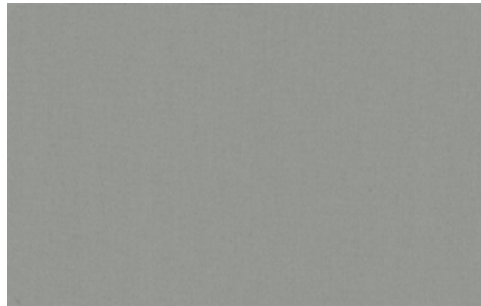
Available in 39 different colours



ULTRA IV

100% Cotton

col. 404



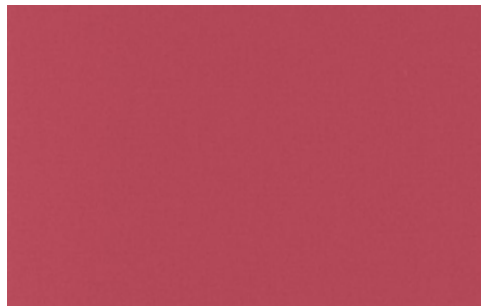
Available in 83 different colours



UNISONO III

100% Cotton

col. 344



Available in 73 different colours

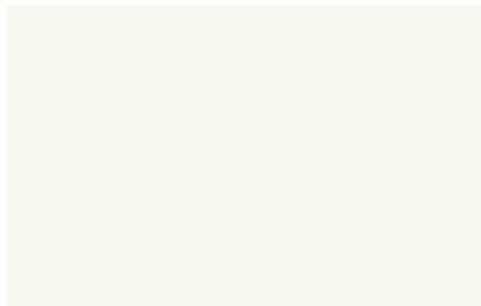


USUS II



100% Polyester flame-retardant
(Trevira CS)

col. 173



Available in 41 different colours

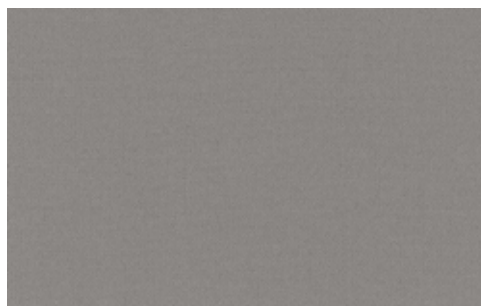


UMBRIA III



100% Polyester flame-retardant
(Trevira CS)

col. 202



Available in 73 different colours

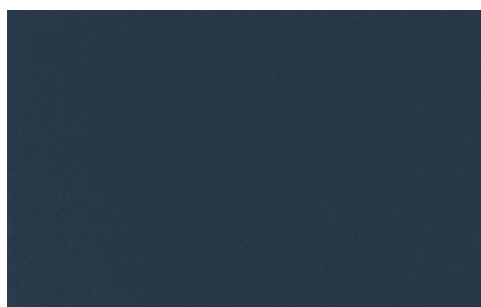


VELOS



100% Polyester flame-retardant
(Trevira CS)

col. 14



Available in 30 different colours





CRÉATION BAUMANN AG

For more than 120 years, Swiss textile manufacturer Création Baumann has continued to design, produce and bring to market worldwide interior decoration fabrics. Thanks to their functionality, aesthetics, and outstanding quality, Création Baumann fabrics contribute to a sense of well-being and thus improve upon quality of life in the long term. Création Baumann is an independent fourth generation family-run company that orients itself towards long-term goals and sustainability.

The latter is the pillar of Création Baumann's corporate strategy, because production must meet the greatest expectations and highest requirements towards aesthetics and function.

Création Baumann is also renowned for everything extravagant: Thanks to our in-house design studio and our company-own production facilities, unconventional creations are possible. Our product range comprises creative as well as functional solutions, tapestries and upholstery fabrics, interior shading systems for private or commercial use, self-adhesive textiles and digitally printed or laser cut custom products.

600 different designs in 6,000 different colours.

Please contact us for advice and samples.

For a complete listing of our showrooms worldwide, please visit:
www.creationbaumann.com

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