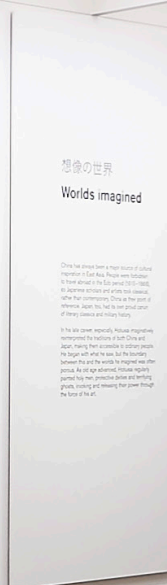


# CREATION BAUMANN: TEXTILE COMPETENCE FOR MUSEUMS



*création* **baumann**





## TEXTILES CONSERVATION TESTED FOR SHOWCASES AND DISPLAYS.



# TEXTILES TRUSTED BY MUSEUMS WORLDWIDE

Paintings, sculptures and historical works of arts in museums must not only be presented in an attractive way, but also meet the most stringent conservation criteria. Création Baumann develops functional and well-designed solutions for demanding applications in museums, thereby playing a key role as a reliable partner.

Different measures are implemented to preserve paintings, sculptures and historical works of arts over the long term, protecting them against any damaging effects. The use of suitable materials therefore plays a decisive role when setting up exhibition space and presenting objects in display cabinets or on displays. If textiles are used, these must meet specific criteria. The fabrics tested by Création Baumann are tested for their suitability for museums according to stringent conservation criteria and meet the highest safety standards. The test results give curators and exhibition organisers all the necessary information about the textiles provided.

## ODDY-TEST

The Oddy test is regarded as one of the most important procedures used in the museum sector to determine corrosive compounds. Developed by Andrew Oddy, former head of the restoration department at the British Museum in London, the test procedure is used to determine corrosive compounds by placing a sample of the textile to be tested in a reaction vessel with a strip of copper, silver and lead. The test is performed at a temperature of 60°C and at a relative humidity of almost 100% to accelerate the possible corrosion reaction of the textile on the metal plate. After 28 days, the surface changes on the metal strips are compared with a control sample<sup>1</sup>. Création Baumann tests the fabrics dyed in its own works in accordance with the Green/Thickett<sup>2</sup> method, a further development of the Oddy test, and offers online access to the test results. After the test, all the colours of the textiles are classified as permanent (P), temporary (T) and unsuitable (U). Customer-specific Oddy tests can be carried out on Création Baumann fabrics at any time on request, without any additional costs.

## PH VALUE

The textiles must not exceed certain acidity and alkalinity threshold values depending on the exhibition piece in question. The international standard describes a procedure to determine the pH value<sup>3</sup> of the aqueous extract of textiles. The procedure can be used on all types of textiles and is also employed at Création Baumann.

## COLOUR FASTNESS TESTS

The colour fastness to artificial light is important when using fabrics in illuminated display cabinets and displays. The standard describes a test procedure to determine the resistance of the colour of all types of textiles in all processing states to the impact of an artificial light source (xenon arc lamp) that corresponds to natural daylight (D65). All colours of all Création Baumann fabrics are tested according to this standard.<sup>4</sup>

## BENEFITS FOR YOU

- 7 fabrics with more than 400 different colours already currently tested in our own laboratory
- Online access to test results (Oddy test, pH value, colour fastness) and certificates at: [www.creationbaumann.com](http://www.creationbaumann.com)
- A4 size sample cards available with fabric swatches and a colour chart
- Fast availability of tested fabrics
- No minimum quantities
- No additional costs for your own tests
- Customer-specific Oddy tests can be carried on other Création Baumann fabrics at any time on request

<sup>1</sup> Alexandra Schieweck and Tunga Salthammer, Harmful substances in museums, libraries and archives, Hannover, 2006

<sup>2</sup> 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

<sup>3</sup> EN ISO: 3071, 2005

<sup>4</sup> DIN EN ISO: 105-B02, 2000



# SWISS QUALITY AND SUSTAINABILITY

Improving the ecological balance is an ongoing concern for Création Baumann. Our products are therefore distinguished by their intelligent design, the highest quality standards and innovative production processes. We already take the environmental impact over the entire life of the products into account when selecting raw materials during the product development stage.

## SWISS TEXTILE COMPANY

The Swiss textile company Création Baumann has been designing, producing and selling high-quality textiles for interior decoration and room design all over the world for more than 130 years. Functionality, aesthetics and quality are paramount when developing fabrics to ensure that they satisfy all the aesthetic and functional requirements in all applications over the years. Création Baumann is an independent family company in its fourth generation focusing on long-term objectives and a sustainable corporate strategy. 96% of the textiles come from our own production or from Swiss or European suppliers. Création Baumann aims to ensure that only colours and chemicals are used that are free of alkylphenol ethoxylate (APEO) and adsorbable organic halides (AOX) and are therefore safe and biodegradable.<sup>1</sup>



As a certified sustainable company, we take care regarding our resources'

## ENVIRONMENTAL PROTECTION STANDARDS

The holistic approach to sustainability is clearly shown by the general and standardised certifications held by the Swiss production site. Création Baumann's environmental management system has been certified according to ISO 14001 for some time now. In addition, the company has been certified according to ISO 9001.2 This brings about a further improvement in the areas of quality and sustainability across the entire value-added chain.

## HUMAN ECOLOGICAL SAFETY

Thanks to the responsible use of chemicals and dyes in production, we guarantee safe products that have also been certified according to the Oeko-Tex® Standard 100 since 1997.<sup>3</sup> This standard is a standard global testing and certification system for textile products at all processing stages. The tests for harmful substances comprise tests for substances prohibited or regulated by law, tests for chemicals that are harmful to health and parameters for safeguarding health.



<sup>1</sup> 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.

<sup>2</sup> The Swiss Association for Quality and Management Systems, SQS, [www.sqs.ch](http://www.sqs.ch)

<sup>3</sup> Institute of the International Association for Research and Testing in the Field of Textile Ecology, [www.oeko-tex.com](http://www.oeko-tex.com)

# TESTED BY CRÉATION BAUMANN

For museums, Création Baumann offers a wide range of products tested for harmful substances that ensure the protection of valuable cultural assets. The detailed measurement data is available for curators worldwide to facilitate their selection of the most suitable products. A4 sample cards are available for the tested textiles with fabric swatches and a colour chart.

## UNISONO IV

A simple, sophisticated classic and best-seller at the same time. A puristic, tight knit cotton fabric with a dry and slightly grainy texture. The attractive colour palette contains subtle, atmospheric nuances as well as excitingly fresh accent colours.

**Material:** 100% cotton

**Colours:** 70

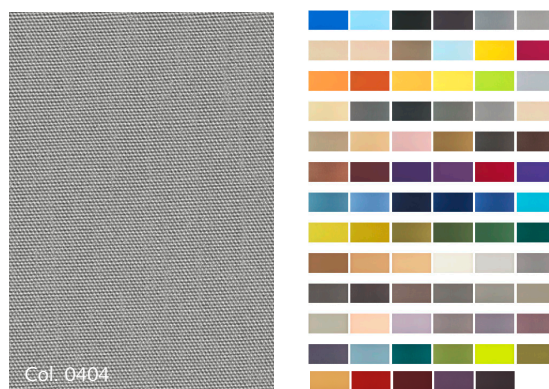


## ULTRA V

The simple basic fabric with its extensive colour palette and dry texture can be used universally.

**Material:** 100% cotton

**Colours:** 77

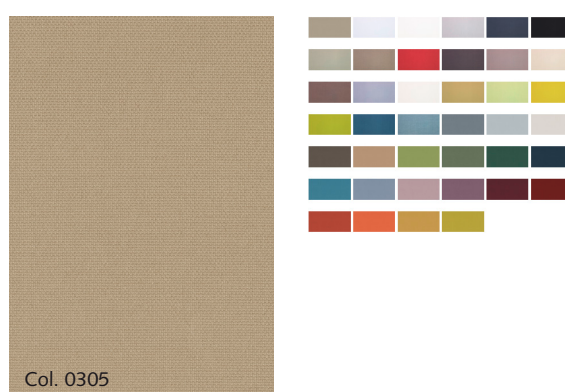


## UMBRIA IV

Dense curtain fabric; A versatile and easy to use uni fabric in Trevira CS with a timeless look. The plain weave texture and refined materiality lend this piece dyed fabric a certain depth. The colour palette encompasses a broad spectrum which ranges from neutral tones to intensive and dark colours.

**Material:** 100% flame-retardant polyester (Trevira CS)

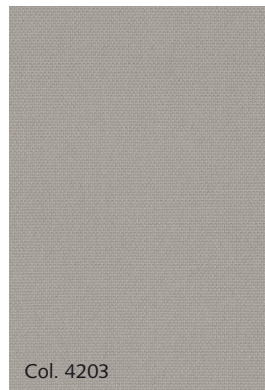
**Colours:** 40



## UMBRIA ECO

Dense curtain fabric made of flame-retardant, recycled polyester in the proven Umbria quality. Umbria eco consists of 100% Trevira CS eco fibre and thus makes a meaningful contribution to sustainability. The versatile uni fabric with weave texture and refined materiality convinces with its timeless look and 300 cm width.

**Material:** 100% flame-retardant polyester (Trevira CS Eco)  
**Colours:** 6



## USUS III

Thick, universal best-seller with a fine ribbed texture. Usus impresses with its rich range of colours – from puristic and natural to classic and earthy.

**Material:** 100% flame-retardant polyester (Trevira CS)  
**Colours:** 39



## SAND

Very elegant-looking satin fabric with a sophisticated duality. Sophisticated effects can be achieved during manufacturing with the different matt colour on the back. Available in ten colours.

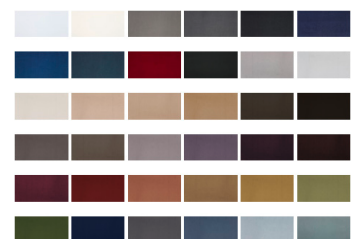
**Material:** 66% cotton, 34% polyester  
**Colours:** 10



## VELOS II

The exceptionally matt and short-pile velour fabric is ideally used as an elegant, durable and easy-care upholstery fabric.

**Material:** 100% flame-retardant polyester (Trevira CS)  
**Colours:** 36





# THE PERFECT SOLUTION FOR ANY FUNCTION

In addition to the tested textiles for display cabinets and displays, Création Baumann also offers a large collection of functional fabrics for use in museums. These textiles offer light and privacy protection and control sound. We develop fabrics that can fulfil individual functions or take on multiple tasks depending on the requirement and application.



## FABRICS FOR IMPROVED ROOM ACOUSTICS

Création Baumann has a collection of decorative fabrics for sound absorption. The textiles are tested according to the ISO/EN standard<sup>1</sup> and have excellent sound absorption values, especially in the high and medium frequency range.

[www.creationbaumann.com/acoustics](http://www.creationbaumann.com/acoustics)



## HEAT AND GLARE PROTECTION

Création Baumann has a select range of aesthetic and functional fabrics for glare protection. Textiles for glare protection are tested for their transparency and total energy transmission.

[www.creationbaumann.com/glareprotection](http://www.creationbaumann.com/glareprotection)



## DIMMING OF EXHIBITION ROOMS

Création Baumann has a range of highly developed black-out fabrics for flexible applications. The textiles are astonishing in their workmanship and offer a free reign in the design of rooms.

[www.creationbaumann.com/dimming](http://www.creationbaumann.com/dimming)



**CRÉATION BAUMANN** textile inspiration since 1886: Création Baumann, the leading Swiss textile company, designs, produces and sells high-quality fabrics. With the highest standards in terms of workmanship, material quality and a timeless design, and stringent criteria for economic, ecological and social sustainability. 600 designs in 6000 colours convey a clear message.

For a competent consultation or the delivery of samples we will gladly help you. You will find inspiration and information about our product range as well as a complete directory of our global sales locations on our website.

[www.creationbaumann.com](http://www.creationbaumann.com)



**Museums all over the world rely on Création Baumann (selection)**

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, product: 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, Landesmuseum Zurich, Zurich, product: UMBRIA  
 Museum Franz Gertsch, Burgdorf, product: SHADE, DIMMER

More references: [www.creationbaumann.com/references](http://www.creationbaumann.com/references)

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