

#### ...safe

All DESCOR® fabrics are flame-retardant and free of PVC and other hazardous substances. Textiles with integrated hygiene technology provide reliable protections against bacteria.

### ...functional

Suitable for private living and commercial projects.

Thanks to their different properties, DESCOR® fabrics are perfect for hospitals, schools, concert halls, restaurants, offices, flats, houses, and so on.

#### ...aesthetic

DESCOR® means seamless, perfectly smooth surfaces.

Most fabrics are printable which makes them an ideal medium for Interior Designers' creativity.

### ...ecological

DESCOR® fabrics are: free of Formaldehyde, PVC, PFAS, Plasticizer, heavy metals, and are Antimony Halogen Flame Retardant.

All chemicals used in the process of manufacturing DESCOR® fabrics are REACH compliant.

### ...high quality

The DESCOR® system is a unique solution developed and manufactured by PONGS®, a company globally recognized in the textile market as synonymous with reliable quality, sustainability, and environmental responsibility.

## **DESCOR**<sup>®</sup>

### Wall & ceiling system

Safe, user-friendly, and easy to install. DESCOR® is a proven, top-quality wall and ceiling system made of stretchable fabric for use in residential and public buildings. It is a healthy alternative to toxic PVC foils and a creative alternative to drywall systems.

Thanks to an innovative assembly system, DESCOR® not only shortens time needed for installation but also offers new, amazing possibilities for interior design - whether for new construction or for renovation.

DESCOR® textiles are ecological as well as equipped with all the necessary quality and safety certificates. Made in Germany, and what's more, made by PONGS® - a globally known fabric manufacturer – making the DESCOR® system the best choice for the architecture market.

### Certifications

















# **DESCOR** One for all System

Quick installations, low costs, durability, safety certifications and the unique properties of the DESCOR® system make it a universal solution for all types of interior spaces.

### Houses & flats

The high-quality DESCOR® walls and ceilings available in different colour variations, pure white or even with a slight shimmering effect adapt to any interior in an elegant and modern way.

### Hospitals & schools

Thanks to the Sanitized® hygiene function with which it was produced, DESCOR® Premium Antibac using its integrated silver polymer compounds is simply perfect for spaces particularly exposed to the presence of pathogens.

### Sport halls & shopping centers

Thanks to its layered construction, the DESCOR® system achieves a high level of sound absorption, making it particularly suitable for venues like sports halls, shopping centers, and so on.





## 





# **DESCOR**<sup>®</sup>

### **Acoustic System**

Silence is the sound of inner calm. Acoustic moments are becoming increasingly important in interior design, because contemporary design that is intended to touch all of our senses is in increasing demand. Optimal acoustics make the perceptible comfort perfect.

Sound-absorbing textiles from PONGS® are functional and aesthetic. In the DESCOR® system they harmonise the surround sound and at the same time also convince visually, whether with a three-dimensional surface like SILENCIO® or creped like AKUSTICO®. Thanks to their bright colours and detailed prints, these textiles become a decorative element for walls, ceilings, room dividers or pieces of furniture.

In combination with acoustic fleece or mineral wool, our textiles achieve a particularly high level of sound absorption.

#### **Acoustics:**

Acoustic correction: sharp drop in level in reverberant rooms. Associated with 40 mm acoustic fleece:  $\alpha_{\rm w}=0.9$  Classification A

PONGS® acoustic systems are installed by a network of approved installers.

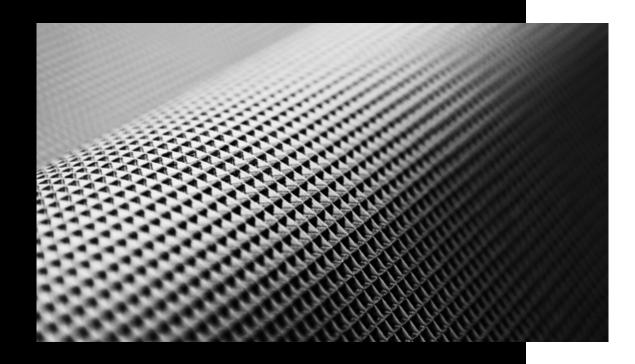


# **DESCOR**° The beauty of silence

## **Application**

PONGS® acoustic systems are ideally suited for:

- · Renovation and new construction
- · Houses and flats
- · Café, hotel, restaurant
- Office or conference rooms
- Business premises, shopping centers
- Public spaces, sports halls
- Swimming pools, gyms
- · Medical facilities, schools, kindergartens



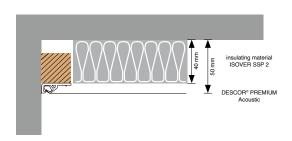
### Design

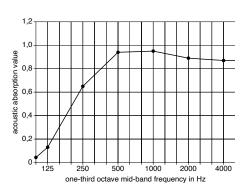
All acoustic and technical textiles from PONGS® are available in different colours and, if required, with individual digital printing. This has no influence on the properties of the textiles. PRINTERIEUR® from PONGS® is the new concept for high-quality interior and room design. The best quality graphics and excellent images, specially compiled for large format and art prints - these are the design templates for exceptional interiors.

### **Benefits**

The DESCOR® system from PONGS® is the ideal solution for all walls and ceilings:

- · Acoustic added value
- · Quality and durability
- · Fast installation
- Impressive results
- · Free of dirt and dust
- · Unique price-performance ratio
- · Seamless, smooth surface
- · Installation without soldering and sewing
- · High resistance
- · Thermal insulation
- · Ecologically valuable











## **DESCOR**

### Soothing sound

The DESCOR® system itself has good sound-absorbing properties, but the DESCOR® PREMIUM Acoustic, SILENCIO® and AKUSTICO® fabrics are on a whole other level, absorbing sound waves, breaking them and thereby noticeably improving the ambient sound as well as the reverb in a room.

### Music halls & studios

The DESCOR® PREMIUM Acoustic, AKUSTICO® and SILENCIO® fabrics are designed especially for rooms that require appropriate sound architecture - like operas, music halls, music studios, cinemas and so on.

### Restaurants & offices

The DESCOR® system, especially when using DESCOR® PREMIUM Acoustic, AKUSTICO®, or SILENCIO® fabrics eliminates reverberation in large rooms and guarantees excellent sound conditions in noisy spaces such as schools, food courts, offices, restaurants, and so on.



## DESCOR® Printable System

Almost all DESCOR® fabrics are printable. This, combined with the possibilities of application in any room, regardless of its architectural diversity, opens up unlimited possibilities for Designers' creation.







# **DESCOR**System Benefits

Choosing the DESCOR® system means real savings for both the distributor, contractor, and the final user.

### Weight

DESCOR® is about 30 times lighter than traditional plasterboard systems. The weight for 100 m² of readily mounted product is usually only around 40 kg! Lower weight means lower storage, transportation, and installation costs.

### Installation

The installation does not require any special thermal conditions, so it can be carried out in unheated rooms. It also does not require removing the previous wall covering. The entire process is clean, without the use or creation of dust, dirt, or toxic substances, which makes DESCOR® an absolutely brilliant alternative to PVC systems and plasterboards.

### Littering

DESCOR® installation leaves only a small amount of fabric offcuts that can be easily disposed of. There is no mixed construction waste so there is no need for additional costs for disposal.



## Durability

DESCOR® fabrics have high abrasion resistance. They are extremely durable products which ensures the reliability of the ceiling and wall. The warranty period declared by the manufacturer is over 10 years!

## Efficiency

DESCOR® products have very good ventilation and maintain natural air circulation in the rooms. The system is also characterized by its thermal insulation properties.

Headoffice | Showroom

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The whole world of technical textiles. Made for you.

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# Textile experts with passion and conviction

PONGS® is not just pure passion for textiles. We have been textile experts for almost 200 years. Since the founding of the cotton spinning mill and the cotton goods factory, we have developed the company into one of the most successful, modern and future-oriented textile companies in the world. Owner-managed in second generation, we successfully combine traditional craftsmanship with high-tech and always pay attention to an ecological balance. PONGS® produces technical and decorative textiles for a wide variety of applications. Many years of know-how make us the first address today when it comes to digital printing, trade fair, stage and event construction, as well as theater, visual merchandising and innovative solutions for textile architecture.

Innovative strength and technical equipment enable the targeted development of products and holistic solutions for specific applications. This means that PONGS® has a unique position on the market. From thread to finish: PONGS® offers an overall textile concept. From warping to weaving and knitting to our own equipment, graphics, digital printing and manufacturing. Thanks to this fully integrated production, the finished fabric is created to the best of our knowledge and under constant control of the high quality level. That is extensive textile expertise and quality "Made in Germany".

Made by PONGS®.





About us

PONGS®





Certified for HP Latex Inks



Certified for HP Latex Durable Textiles



Certified acoustic absorption values



Reach Compliance certified



fabric free of formaldehyde and other volatile organic compounds (VOC)



PVC-free



STANDARD 100

21.0.70027 Hohenstein HTTI

OEKO-TEX® Standard 100 (Hohenstein)



Conformité Européenne conformity marking within the European Economic Area



Indoor Air Comfort Gold®



VdS approved fabric for water extinguishing systems

# Technology Progress you can touch

PONGS® deliberately produces all textiles only in Germany. Specialized in the development and production of digital print media, wide fabrics and technical textiles, PONGS® has firmly established itself on the international market to this day and looks to the future with strong strategies for healthy growth.

New developments and textile possibilities grow hand in hand with the needs and requirements of the market, always shaped by movement and expansion. The first-class products from PONGS® set new standards of all relevant ecological norms as well as the highest fire protection norms, are REACH-compliant and certified several times according to different specifics and areas of application.

With a solution-oriented approach, we offer highly innovative textiles for modern wall and ceiling coverings, for high-quality display systems, backlighting and acoustic elements. The realization of the best printing results in terms of color and detail is a matter of course for us. PONGS® textiles can be digitally printed with dispersion, latex and UV inks in a width of up to 505 cm and in an almost endless length. Whether large-format tensioning walls, art reproduction or design - thanks to innovative, flexible properties we are constantly opening up new business areas and always placing innovation and progress as the top priority of our actions. Our approximately 280 employees shape the company. Their product developments, their creativity, expertise and passion have made PONGS® the recognized company for textile products that it stands for today.



# Certifications Excellent quality "Made in Germany"

At PONGS® we attach great importance to reliable and high quality products. For this reason, independent tests and certifications are always indispensable to us. International partnerships with the construction and furniture industry and the exchange with other processing industries, leading research institutes and service providers sharpen our feeling for the requirements of the market.

Our textiles are ideally suited for textile architecture and interior decoration, because they not only carry the seal "Émissions dans l'air intérieur" with top grade A + and are therefore free of formaldehyde and volatile organic compounds (VOC). In addition, our DESCOR® PREMIUM product was awarded the "Indoor Air Comfort Gold®" (IAC Gold®) label. This confirms that it is one of the building products with the lowest emissions in its class worldwide and that it contributes to the best indoor air quality.





Textiles from PONGS® are not only ideal for the interior design of private rooms or public buildings. Many are also qualified for shipbuilding due to their flame retardancy. But that's not all about fire protection: PONGS® textiles also meet the high demands of the current national, European and international fire protection standards - DIN 4102-1, EN 13501-1, NF P 92 503-507, NFPA 701, ASTM E 84. The top grade according to the European standard EN 13501-1, B - s1, d0 is particularly important. Our materials certified in this way are classified as flame-retardant, show only little smoke and no flaming droplets.

Antibacterial textiles from PONGS® also offer reliable protection. These have a tested and excellent Sanitized® hygiene protection and are resistant to bacteria and fungi. Equipping hospitals, medical practices, public institutions and private homes with protective textiles not only contributes to increased hygienic safety, but also creates a healthy environment that you can rely on.

We do not make any compromises when it comes to textile sun protection either: UV Standard 801 is one of the world's most stringent testing and certification systems for clothing and shading textiles. Here we meet the maximum protection and the top mark "Protect 80".



Photo by Hamma Design

Print Lab

PONGS® is an institution for print quality. In the modern printing rooms at the Mühltroff and Dusseldorf locations, the ongoing production processes are constantly checked and optimized. Here, print qualities are tested, profiles are created, pre- and post-production tests are carried out to improve quality standards and new products are developed. The Print Lab in the Dusseldorf Villa Lantz is fully equipped with a calander, photospectrometer and rip station as well as all relevant printing technologies.

Together with the Print Lab in Mühltroff, PONGS® is in a unique market position: Here, technical textiles can be tested for digital printing on a large scale up to 5 meters width on UV and up to 3.2 meters width in DyeSub direct printing. These outstanding opportunities for testing and optimizing qualities are also used in cooperation with well-known printing press manufacturers in order to help advancing the development of new machines.



# For a better future We protect what we love

As a leading international textile company, PONGS® is aware of its ecological responsibility. Our aim is not only to comply with the world's highest environmental standards, but even to go well below the specified limit values. We use state-of-the-art energy and environmental technology. In terms of environmentally friendly production processes, PONGS® makes no compromises: Thanks to fully biological wastewater treatment plant, ozone reactors, flotation, ultrafiltration and electrocoagulation our wastewater leaves the production cycle as cleanly as it enters. Exhaust air pollutants are filtered out with state-of-the-art air washers, neutralization and activated carbon filters at a rate of 99.9%.

Our goal is to generate heat, compressed air and electricity completely on our own thanks to the latest block heating, compressed air heat and solar power plants. Our power plants already cover 40% of our heating requirements and reduce the company's CO2 emissions by around 900 tonnes per year. In order to use the energy for further processes, almost all machines and the compressed air thermal power plant are connected to heat recovery systems.

### One planet, our responsibility

To stay true to our green philosophy every day, we invest in the future; in the latest technologies and future-oriented process technologies. The majority of our textiles are labeled with the OEKO-TEX® label, chemicals used in their finishing are REACH compliant.

Together with the world's most renowned research institutes, such as the Fraunhofer, we are researching environmentally friendly, naturally degradable fibers and coatings. These are of course free of antimony halides, formaldehyde, bromine compounds and heavy metals and because they are waterbased, they also contain no solvents.

Textiles from PONGS® comply with international standards and meet, among other things, the high standards of leading fashion companies. Likewise, we attach great importance to the quality and reliability of our suppliers. The cardboard packaging of our products is 100% recyclable. Because only in the holistic harmony with our nature and a respectful handling of the environment, we are reliably able to produce the best quality "made in Germany". Acting consciously today for the best products of tomorrow – this is what PONGS® stands for.

### Our green facts

### ... for clean wastewater:

Fully biological treatment plant:

Efficiency is 96% (Chemical Oxygen Demand reduced to 4.6 tons per year).

Ozone Reactors: remove 100% of the pigments in the wastewater (350 kilograms per year).

Electrocoagulation:

Electrochemical wastewater treatment without additional use of chemicals.

### ... for clean air:

Air washers textile finishing: absorbing 60% of the pollutants in the air.

Neutralization textile finishing: ammonia 100% neutralized by means of acid dosing.

Activated carbon filters textile finishing: absorption of all organic substances from the gas phase.

### ... for a conscious energy balance:

Combined heat and power unit in Stadtlohn:

Produces 260,000 kWh annually (50% of the heating demand, 50% of the energy requirement)

Compressed air thermal power plant (DHKW):

Alternative compressed air generation to classic compressors

(Energy saving 421 mWh, reduction of final energy in the process by 19%,

saving CO2 equivalent by 421 tons per year)

Solar power plants: produce 500,000 kWh annually

Heat recovery: heating cost savings of 30% (300,000 liters)

Fuel switching:

Conversion of heating oil to natural gas (reduction of CO2 emissions by approx. 761 tons per year)

LED lighting on more than 11,000 m³ production area

68% energy and CO2 savings per year

Lighting before refurbishment 402,486 kWh per year = 233.48 tons per year CO2

Lighting after renovation 126.953 kWh per year = 73.65 tons per year CO2

Certifications: Sanitized®, OEKO-TEX®, CE, VOC, IAC Gold®, REACH.

## At a glance The benefits

PONGS® wall and ceiling systems are the ideal solution and offer many advantages:

- Highest quality "Made in Germany"
- Quick, easy assembly
- Smooth, seamless surface
- Acoustic properties: up to 20% more sound absorption than e.g. plasterboard
- Up to 100% sound absorption with acoustic textiles
- Free of dust and dirt
- No cracks or bumps
- Resistant and durable
- Without sewing or soldering
- Environmentally friendly and ecologically valuable
- Significantly less rubbish
- PVC-free
- 40x lighter than heavy plasterboard
- For 100 m² you need: 1.2 tons of plasterboard and metal structure or

42 kg of textiles and profiles

- Textile rolls are easier to transport than bulky sheets
- Plasterboard requires an absolutely level surface, not a basic requirement for textiles
- Perfect price-performance ratio
- Competitive price, no more expensive than the standard solution

### Possible uses

- Renovation and new construction
- Private houses and apartments, commercial and public buildings
- Acoustic improvement
- Hotels and gastronomy
- Offices, meeting or conference rooms
- Doctors' offices, schools, kindergartens
- Shopping malls, shop design
- Sports halls, swimming pools



Photo by Hamma Design

## Textile architecture Innovative interior design of tomorrow

The way of living and working is changing and with it the demands on modern, contemporary interiors are changing too. By searching for smart solutions making life easier, we also strive for self-fulfillment and individuality, for lightness and comfort in everyday life. Architects, designers and planners all over the world are already enthusiastic about PONGS® and the innovative possibilities of interior design. With more than 2.5 million square meters per year, we are the world's largest manufacturer of textile wall and ceiling systems.

Textile architecture - the intelligent alternative to plasterboard.

# From plasterboard to high-tech textile architecture

The textile architecture from PONGS® saves time and brings flexibility into interior design. It is the alternative to conventional plasterboard and to this day the only system with which an entire ceiling can be tensioned in just one day.

PONGS® stretch walls achieve an incomparably even, smooth result without filling and sanding. Bends, curves or complex structures can also be easily integrated. Installation is clean, dirt-free and unexpectedly quick. This not only effectively saves time in the uncomplicated setting up of the construction site, but also costs in transport and disposal. Because textile stretch walls and ceilings have a weight of 250 grams per m², 40 times less than around 10 kg per m² heavy plasterboard.







Photos by Hamma Design

# A showroom of superlatives The Villa Lantz









PONGS® and Living Concept Consulting built up a creative hotspot in the historic rooms of the Dusseldorf Villa Lantz - worldwide one of its kind. It's a neverending source of inspiration for international customers, renowned architects and interior designers. The Sales & Creative Department impressively shows a wide variety of textile solutions for innovative interior design, combined with exclusive furniture, classy design and light objects from well-known artists and designers.









# Villa Lantz



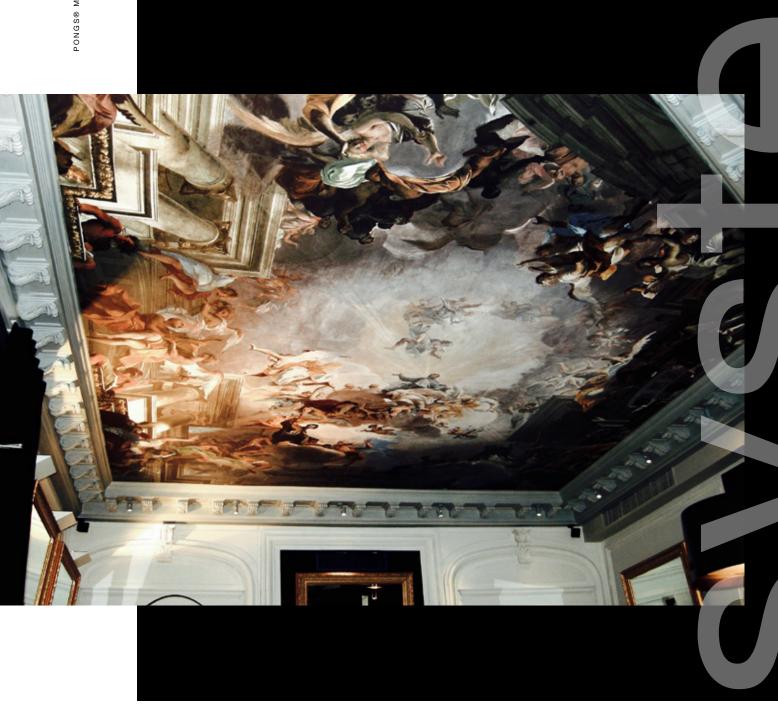
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Marie Charlotte Elementary School, Joliette (Québec, Canada) | MBI Products Company, Inc. Photos: Stéphane Brügger | Architects: Emmanuelle Klumpt von Arcand - Laport - Klimpt



PONGS®





DESCOR®, opens up completely new dimensions in wall and ceiling design. DESCOR® is not only easy, precise and clean to assemble, but is also characterized by a particularly seamless result and a smooth surface. The system thus combines aesthetics and the highest functional features. Clever properties enable completely new room architectures and, with a spectrum of almost unlimited design options, leave nothing to be desired.

Whether for private living or the contract sector, for new buildings or renovations - the DESCOR® system is suitable for every project and every room. The textiles we use are not only among the broadest available on the market, they are also equipped with all the necessary quality and safety certificates. In perfect coordination with the innovative assembly system, they transform a room into an aesthetic and functional overall concept within a very short time.

PONGS



Photo by Hamma Design

# DESCOR® products Excellent quality

The DESCOR® system comprises a wide range of technical textiles for covering walls and ceilings. According to different requirements, PONGS® offers various aesthetic-functional products and is continuously developing the DESCOR® system. Sound-absorbing, hygienically protective and other clever features such as fully backlit walls or ceilings enable completely new room architectures.

# Excellence "Made in Germany"

Modern construction projects require innovative concepts and new materials that meet the zeitgeist and can realize the greatest possible freedom of design. Nowadays, room and object design is becoming an experience, flexibility is becoming increasingly important. With the DESCOR® system from PONGS® for textile stretch walls, rooms can be furnished in a highly individual, valuable and innovative way. The desire for flexibility is always retained, because the modular DESCOR® walls and ceilings can be exchanged and renewed within a very short time. Those who broaden their horizons and dare to change are rewarded: The DESCOR® system is the system of the future.



## DESCOR® PREMIUM

Luxurious product for textile wall and ceiling covering
100% polyester, PVC-free, recyclable
Printing method: UV
Flame retardant according to B-s1, d0 DIN EN 13501-1,
M1 NF P 92 503-507, Class A ASTM E84-16, GOST
CE, IMO, VOC and IAC Gold® certificates

## **DESCOR® PREMIUM Star**

Elegantly shimmering textile for wall and ceiling coverings
Polyester with aluminum pigments, PVC-free, recyclable
Printing method: UV
Flame retardant according to B-s1, d0 DIN EN 13501-1,
Class A ASTM E84-16
IMO certificate







# Unleash emotions A source of inspiration

A picture is worth a thousand words. All textiles from the DESCOR® system can be digitally printed with individual motifs and color variants. This results in infinite design freedom, because walls and ceilings can not only be functionally but also optically perfectly coordinated with the entire interior. Find limitless self-realization and give space and architecture projects your own personal, creative signature. Or choose your favorite motif for impressive walls and ceilings from our online PRINTERIEUR® image database.

#### **DESCOR® PREMIUM Colour**

High quality textile for covering walls and ceilings 100% polyester, PVC-free, recyclable Available in almost all Pantone colours on request Flame-retardant according to B-s1 d0, DIN EN 13501-1 CE certificate

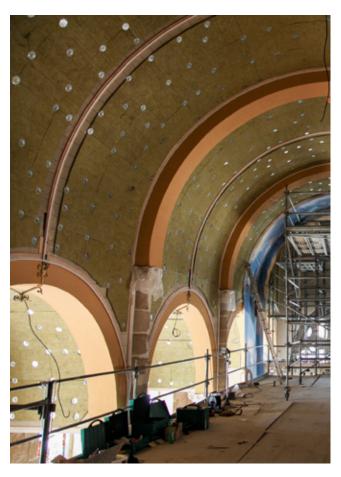
#### **DESCOR® PREMIUM Gradient**

Elegant shimmering textile with a subtle color gradient Polyester with aluminum pigments, PVC-free, recyclable Available in almost all Pantone colours on request





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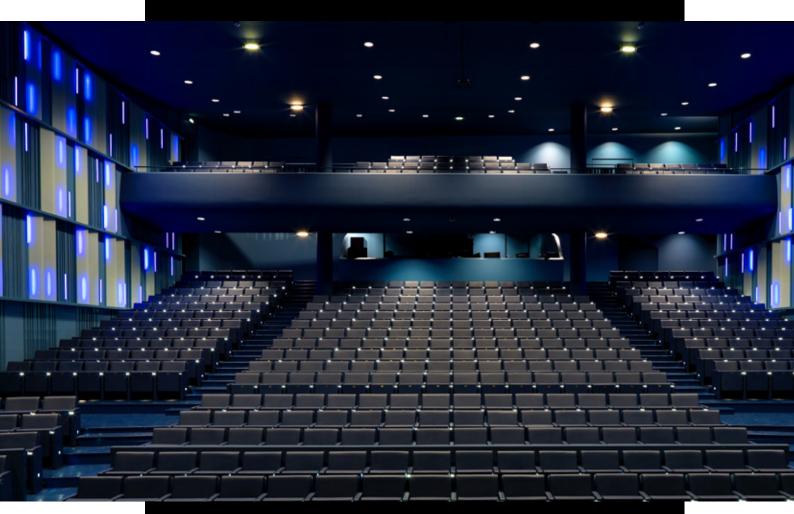


# Soothing sound The beauty of the silence

The beauty of the silence. With DESCOR® you will discover tranquility in its most beautiful form and experience complete comfort. Acoustic properties are becoming increasingly important in modern, innovative room design. Contemporary design should touch all of our senses these days. Sound-absorbing textiles from PONGS® noticeably improve the sound of a room. With a certified acoustic absorption coefficient of 0.9, they achieve the absolute top grade - and this with a system structure of just 50mm. This is hardly achieved by any other acoustic product on the market.



The acoustic DESCOR® wall and ceiling systems can be installed on almost any surface, from wood to concrete, plaster, plasterboard, metal to masonry. Especially with old, historical buildings, the DESCOR® system becomes an important component for artistic freedom and gives ambitious architectural projects new impulses.



Conservatoire Jean-Baptiste Lully (Puteaux, France) Architects: V. Brossy & Associés



## **DESCOR® PREMIUM Acoustic**

Luxurious product for textile wall and ceiling covering 100% Trevira CS, PVC-free, recyclable

Printing method: UV

Flame retardant according to B-s1, d0 - DIN EN 13501-1,

Class A ASTM E84-16

Sound absorption value 0.90 / A

Acoustics certificate (structure type E-50) according

to DIN EN ISO 354

CE and IMO certificates

#### Acoustic fleece

For a reinforcing acoustic effect 100% polyester Thickness 15-20 mm

Flame-retardant according to B-s1, d0 DIN EN 13501-1

## DirectTex® AKUSTICO® Newlife FR

Made from 100% recycled plastic bottles

Environmentally friendly product variant of the AKUSTICO®

Sustainable, PVC-free, recyclable

Printing process: UV, latex and dye sublimation

Flame-retardant according to B-s1, d0 - DIN EN 13501-1,

NFPA 701

OEKO-TEX® Standard 100





## DirectTex® AKUSTICO®

Sound absorbing textile

Excellent cover fabric, very high abrasion resistance (class A)

Crease-resistant crepe weave, PVC-free, recyclable

Available in 17 colours

Printing process: UV, latex and dye sublimation

Flame retardant according to B-s1, d0 - DIN EN 13501-1, NFPA 701

Sound absorption value 0.90 / A

Acoustics certificate (structure type E-50) according to DIN EN ISO 354

## PrintTex® SILENCIO®

Sound absorbing textile

Unique, three-dimensional fabric

100% Trevira CS, PVC-free, recyclable

2.5, 5 and 10 mm diamond size

Available in 20 colours

Printing method: UV and latex

Flame retardant according to B-s1, d0 - DIN EN 13501-1,

M1 NF P 92 503-507, Class A ASTM E84-16, NFPA 701

Sound absorption value 0.85 / B

Acoustics certificate (structure type E-50) according to DIN EN ISO 354

OEKO-TEX® Standard 100

Certified for HP Latex Inks

## Rest in its most beautiful form

The noisy cross-mountain lift station in Telluride (USA) has been equipped with sound-absorbing SILENCIO® to noticeably improve the acoustics and lower the noise level in the system. The large-format printed and backlit LED displays now show landscape photographs of Telluride and Mountain Village. Thus, the textile walls made of SILENCIO® are not only a treat for the ears, but also a feast for the eyes of the passengers.



Cross-Mountain lift station (Telluride, USA) | Project: Typico GmbH in cooperation with Telluride Mountain Village Owners Association (TMVOA) | Photographer: Ryan Bonneau Implemented solution: Digitally printed SILENCIO®

PONGS

Acoustics





# Bright enthusiasm Perfect backlighting

Light creates atmospheres and moods; it is one of the most important elements of architectural concepts because it has a direct influence on our emotions. The creation of perfect backlighting is a supreme textile discipline. Evenly illuminated DESCOR® walls and ceilings or even individual segments set new standards in architecture. Specially developed textiles spark a luminous liaison between aesthetics and function.

PONGS® manufactures the world's best products for optimal backlighting and meets the high demands of the market with specially developed, innovative textiles: DESCOR® Translucent and DESCOR® Diffusor guarantee excellent light diffusion and transmission (approx. 37%) at the lowest installation depths.

### **DESCOR®** Backlit

The next generation of backlighting
Unique luminosity, strong color rendering
Smooth feel, high-quality satin look
100% polyester, PVC-free, recyclable
Printing process: Dye sublimation
Flame-retardant according to B-s1, d0 - DIN EN 13501-1
OEKO-TEX® Standard 100

Also available with hygienic protection as a product variant DESCOR® Backlit Antibac.

## DESCOR® Translucent

Makes every room shine thanks to excellent light diffusion Uniform light distribution

100% polyester, PVC-free, recyclable

Printing method: UV, latex

Flame-retardant according to B-s1, d0 - DIN EN 13501-1

OEKO-TEX® Standard 100 Certified for HP Latex Inks

### DESCOR® Diffusor

Crystal clear view with DESCOR® Diffusor

Specially developed to protect backlit textiles from dust and

the finest dirt particles

For a flawless result and a pure, clear look

100% polyester, PVC-free, recyclable

Printing process: UV, dye sublimation

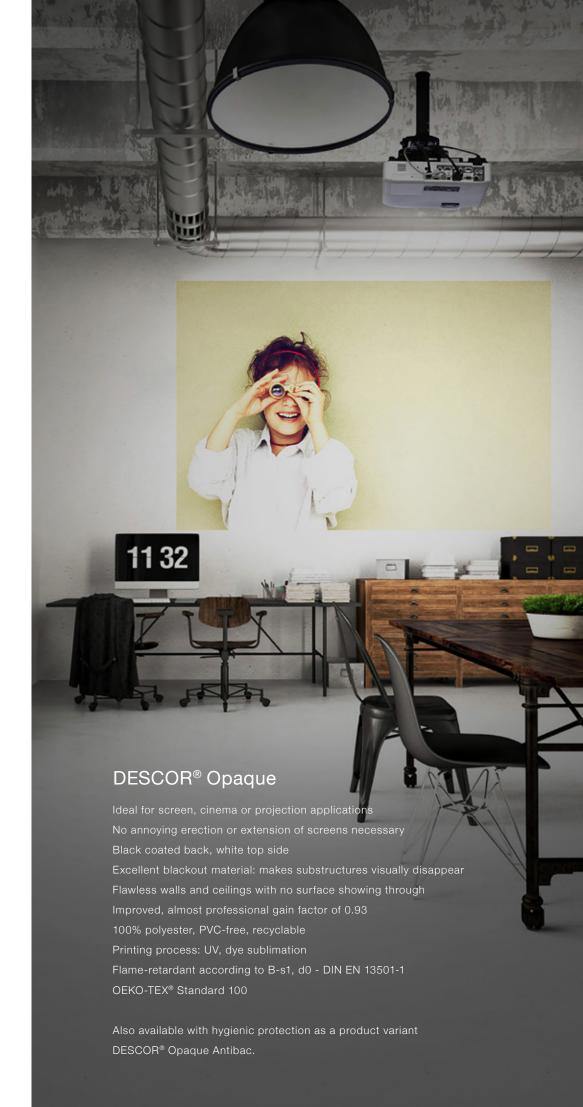
Flame-retardant according to B-s1, d0 - DIN EN 13501-1

OEKO-TEX® Standard 100



Backlighting

PONGS®



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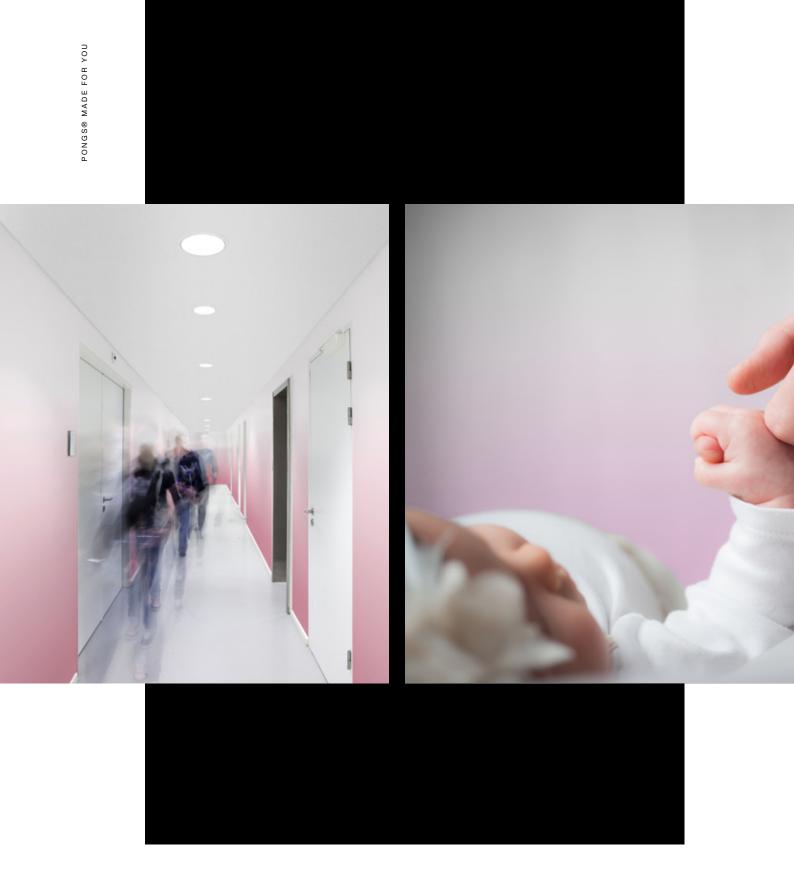


Université Paris-Dauphine (Paris, France)

# Flawless picture experience Strong front projection

A flawless picture experience: functionality and modern elegance become one. DESCOR® wall systems with screen function are not only an extraordinary solution for conference rooms. They also inspire as an exclusive design element in the living area or for events in the catering trade. The black coating on the back and the smooth, white top side of high-quality PONGS® textile membranes are perfectly matched to projection and offer excellent color depth and sharpness. Even in bright rooms you can experience impressive multimedia presentations, movies or sports events.





# Protective security Hygienically effective and reliable

Health has always been our greatest asset.

Our antibacterial products make a significant contribution to hygiene management by effectively fighting bacteria, germs and fungi. Infections with these pathogens pose great dangers for patients with an already weakened immune system. In combination, the course of the disease is strongly influenced.

Equipping hospitals, medical practices, public institutions and private homes with protective and antibacterial textiles from PONGS® not only contributes to increased hygienic safety, but also creates a healthy environment that you can rely on.

Our antibacterial products with tested and excellent Sanitized® hygiene protection are resistant to bacteria and fungi. In addition, they are flame-retardant and completely free of PVC, antimony-halogen compounds and heavy metals. They offer long-lasting protection through the controlled release of silver ions.

A technologically sound approach for the innovative interior of tomorrow.

#### **DESCOR® PREMIUM Antibac**

With silver polymer compounds

Effective bacteria reduction of > 99,99 %

Static barrier against bacteria such as MRSA, yeast and micro fungi

100% polyester, PVC-free, recyclable

Flame retardant according to B-s1, d0 - DIN EN 13501-1, Class A ASTM E84-16

CE, Sanitized® certificates



Health



Dentist Wohlen (Wohlen, Switzerland)
Implemented solution: Digitally printed PrintTex® Softimage Lightbox.





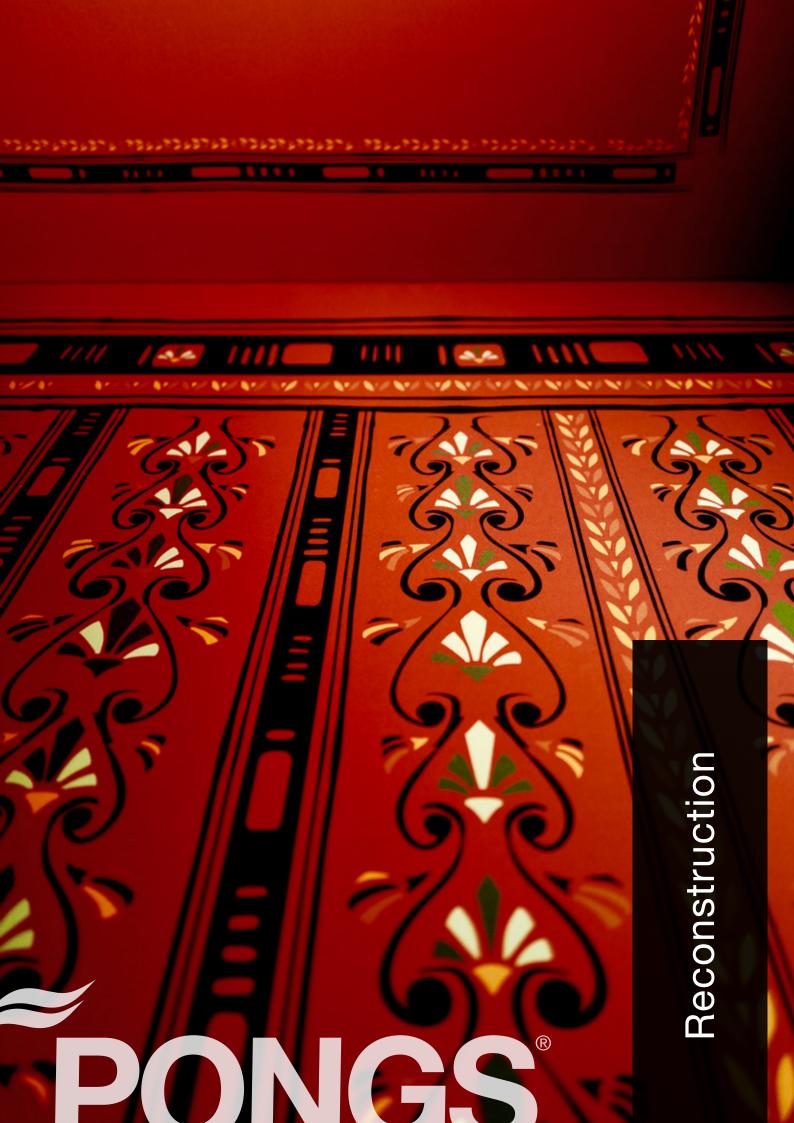
# Reconstruction A new old world

With high-quality DESCOR® stretch walls and ceilings, we bring historical rooms and buildings back to the glory of the past. Even elaborate, detailed wall paintings and decorations with stucco can be reproduced true to the original and printed on textiles from PONGS®. Turn back time with the DESCOR® system and bring old walls back to life. The foundations remain unaffected. Thus, the DESCOR® system is one of the few solutions that is compatible with monument protection and yet allows the original look to blossom anew in all its glory.



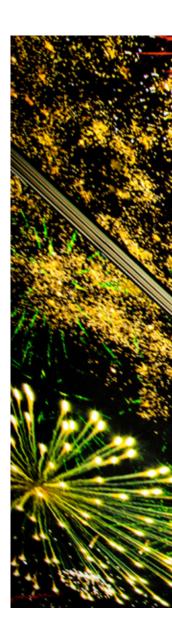
The look of the walls and ceilings of the old library in the Villa Lantz was perfectly reconstructed with great sensitivity and based on only a few original remains and is now restored to its original state.

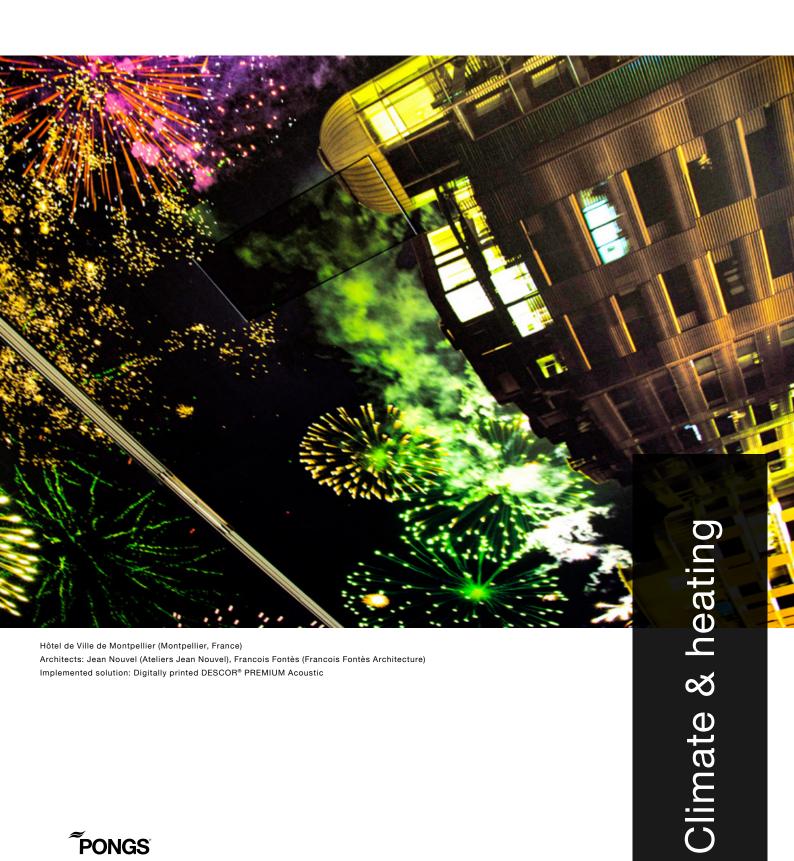
The St. Michaels Chapel in Barcelona, Spain, shines again in its old splendor. Thanks to innovative latex digital printing technology by HP and DirectTex® Poplin Plus from PONGS®, marble tablets and iconic frescoes of the chapel were faithfully reconstructed. Poplin Plus is particularly suitable for true-to-color, detailed art reproduction.



# Good indoor climate Air conditioning and heating

The DESCOR® system with its textile stretch walls and ceilings is highly flexible and can be adapted to all room conditions. Air conditioning and heating can also be easily integrated without disturbing the overall impression of a room. They are practically invisible and, thanks to innovative solutions, adapt to any room concept. Together with heating and air systems, the DESCOR® system takes the room climate to the next level. With an average air speed of a maximum of 1.2 m per minute, a room is evenly cooled or heated to the desired temperature within a very short time. This not only prevents the warm and cold air from forming layers, but also prevents unpleasant drafts. Unsightly radiators and air conditioning systems that keep the room unevenly and uncomfortably are a thing of the past. With DESCOR®, the heating and ventilation systems of your rooms are at the highest technical and aesthetic level.





PONGS





# In the blink of an eye Easy and precise installation

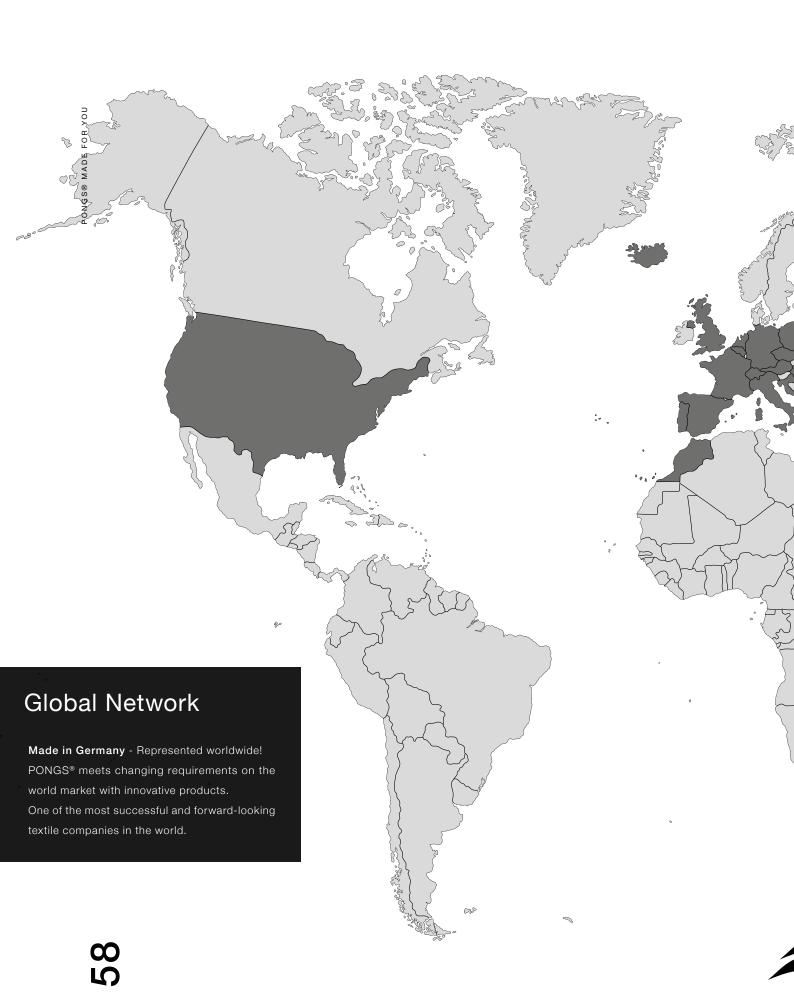
Clean assembly in just one day: Textile DESCOR® walls and ceilings are installed quickly, easily and without dirt, even on uneven surfaces. The textiles are clamped in a system of plastic profile rails that are screwed directly to the substrate or to a wooden substructure. Neither the wearing of protective clothing or masks, nor high ambient temperatures are required for the installation. The possibilities and the laying of the DESCOR® system are regularly trained by experienced craftsmen in the PONGS® training center. This ensures that our products are of the same high quality worldwide.



# Little helpers Practical accessories

Practical accessories for the DESCOR® system: The selection of helpful accessories and tools for the optimal assembly of the textile wall and ceiling systems is as flexible and individually adaptable as the entire DESCOR® system. With the fully equipped DESCOR® assembly bag or the individually available components such as spatulas, gloves and scissors, every DESCOR® installer is optimally equipped and installation becomes a piece of cake.















Exhibition "365" (Fuenlabrada, Spain) | Artist: Eugenio Recuenco | Project: Clorofila Digital, MEEVO Group, PONGS® Group Exhibition at CEART (Centro de Arte Tomás y Valiente de Fuenlabrada)
Implemented solution: Digitally printed and backlit Artist Mambo, Softimage Contrast







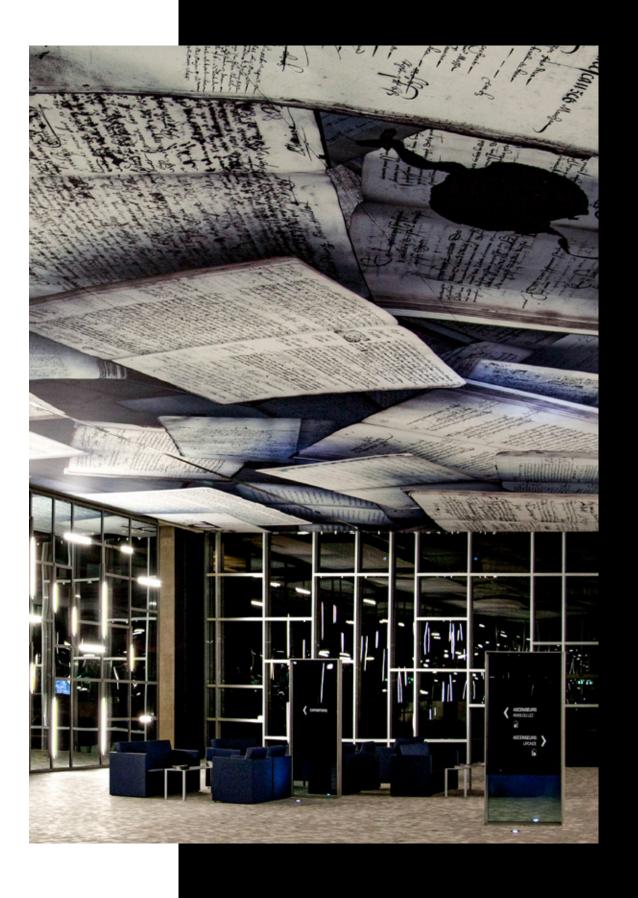
# Applications





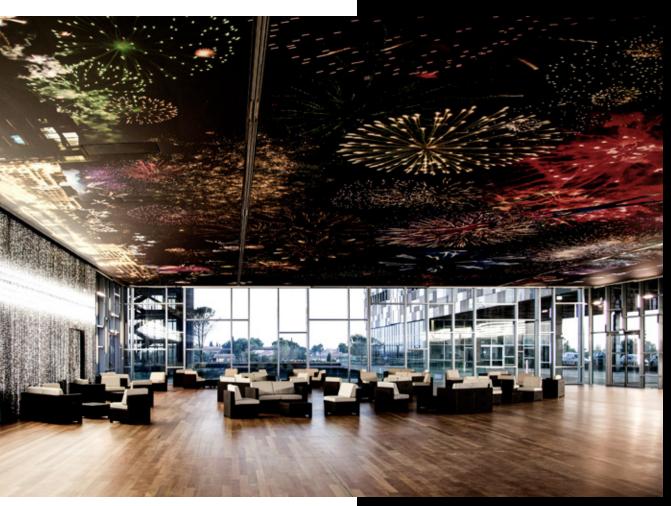


Hôtel de Ville de Montpellier (Montpellier, France) Architects: Jean Nouvel (Ateliers Jean Nouvel), Francois Fontès (Francois Fontès Architecture) Implemented solution: Digitally printed DESCOR® PREMIUM Acoustic









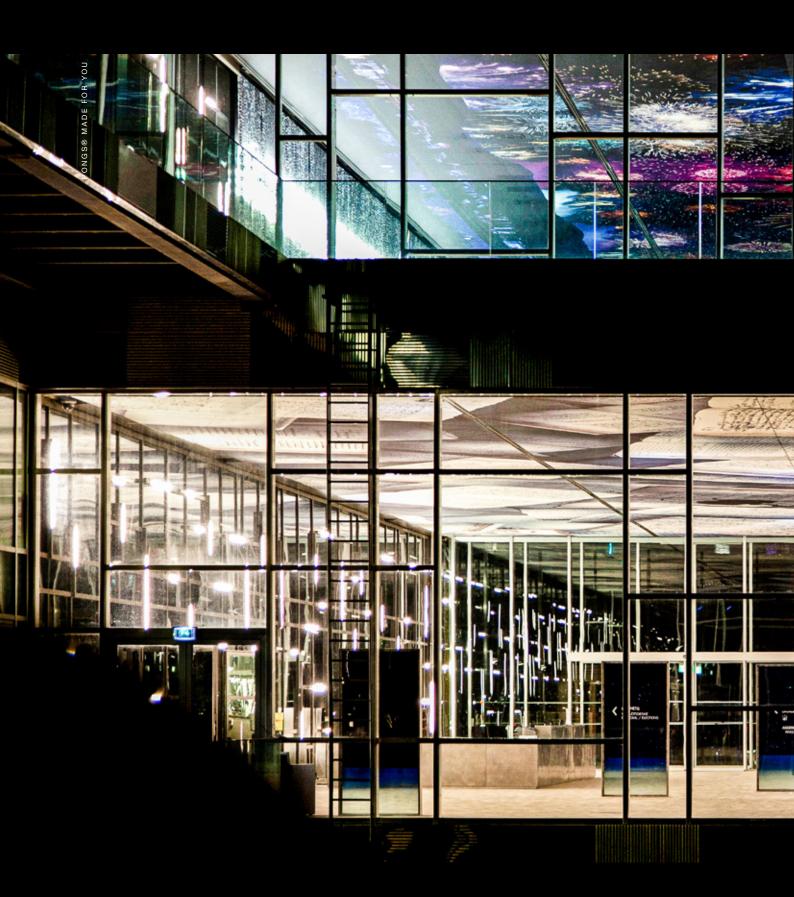


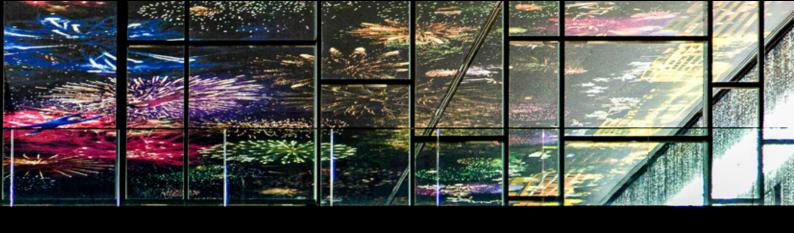
Hôtel de Ville de Montpellier (Montpellier, France) Architects: Jean Nouvel (Ateliers Jean Nouvel), Francois Fontès (Francois Fontès Architecture) Implemented solution: Digitally printed DESCOR® PREMIUM Acoustic



### Excellent Textile architecture

Together with Francois Fontés, award-winning architect Jean Nouvel developed the new town hall in Montpellier, France. Also involved were the two artists Yann Kersale and Alain Fleischer. He designed the photographic works, which can be seen as large format, digitally printed DESCOR® stretch ceilings in the entrance hall, meeting room and council chamber.

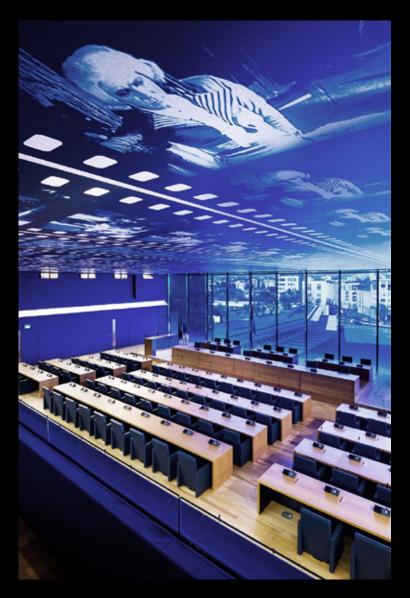








Hôtel de Ville de Montpellier (Montpellier, France) Architects: Jean Nouvel (Ateliers Jean Nouvel), Francois Fontès (Francois Fontès Architecture) Implemented solution: Digitally printed DESCOR® PREMIUM Acoustic





Applications



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Photo by Hamma Design



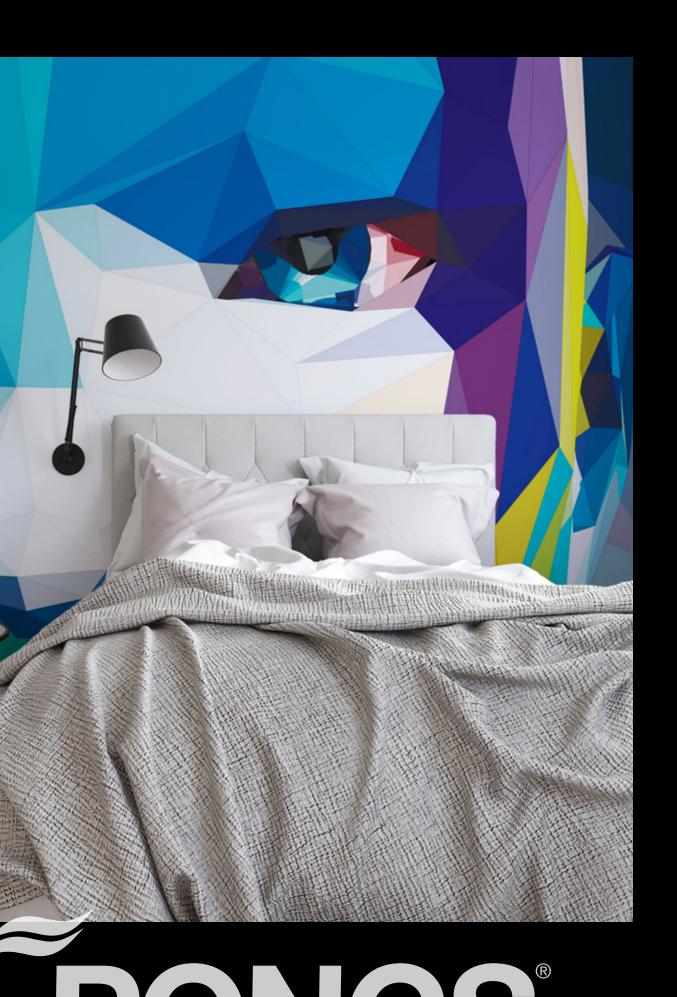
Photo by Teddy Marks

#### Villa Lantz Showroom textile architecture

The Villa Lantz shows in an unprecedented way the unimaginably diverse possibilities of textile architecture. The combination of high-quality textiles, exclusive designs and light accents makes every room unique. We also design individual, textile room concepts for your four walls or your project. Textile walls, ceilings and panels from PONGS® open up completely new worlds for design-oriented interior design.





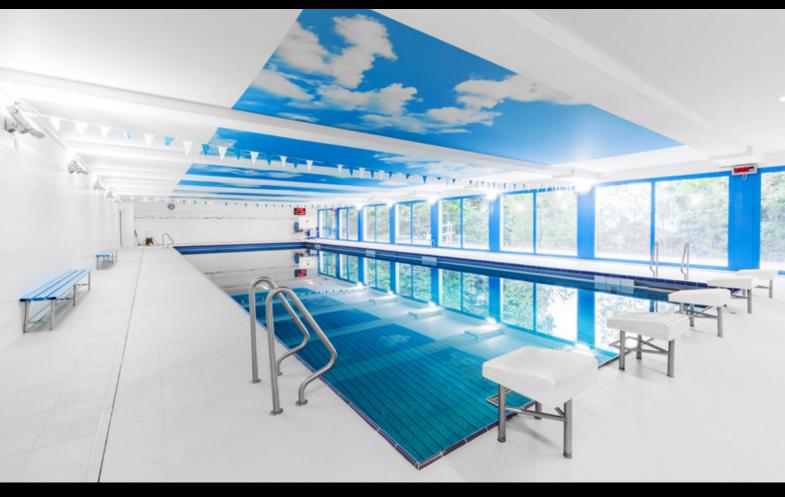


Applications

#### Leisure For inner peace and balance

Only the best for public and private leisure facilities: DESCOR® stretch walls and ceilings are ideal for museums, sports halls or swimming pools. They are flexible and quick to assemble, and can be replaced at any time in case of dirt or optical renewal. In addition, they integrate light and ventilation concepts in a smart way and can even positively influence the sound perception of large rooms. Discover your individual all-round concept with DESCOR® and let us convince you of our comprehensive full service.



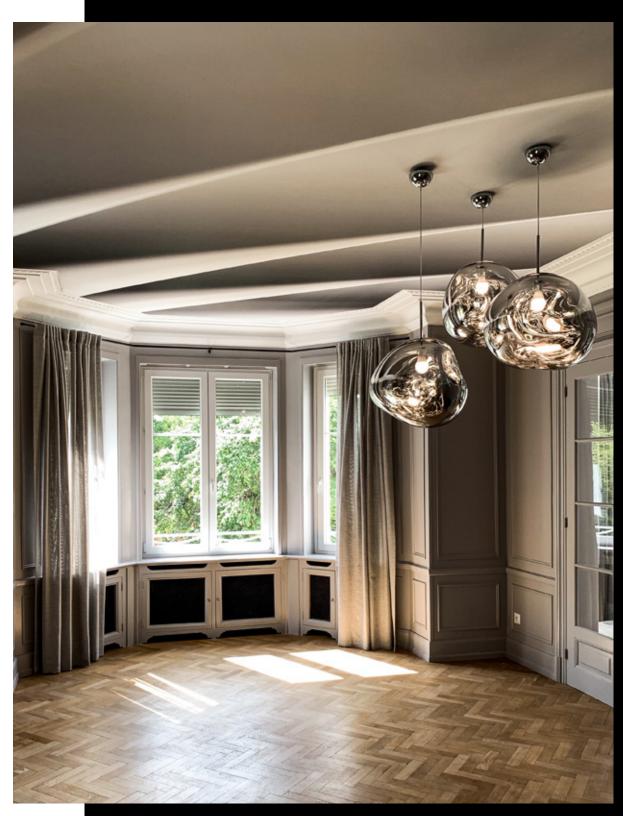


Piscine Centre Scolaire (Crans Montana, Switzerland)
Architect / Designer: Atelier d'architecture Graphos SARL
Implemented solution: Digitally printed DESCOR® PREMIUM Acoustic



Applications

Private swimming pool (Gelterkinden, Switzerland)
Implemented solution: DESCOR® PREMIUM Acoustic

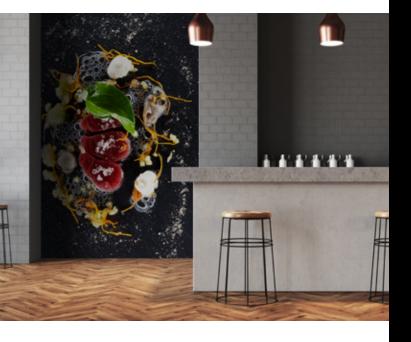


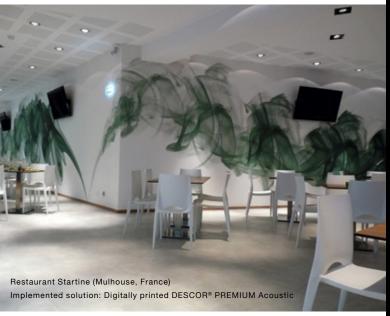
Villa Mulhouse | Créations Sandrine Ziegler-Munck Implemented solution: Digitally printed DESCOR® PREMIUM Acoustic

R









### Surrounded by a textile aura

DESCOR® stretch ceilings are the ideal solution for large, stylish restaurants. As in the posh L'ARC in Paris, they can be digitally printed trendy, individually and are at the same time equipped with acoustic properties. Loud soundscapes of the lively crowds are absorbed, the entire sound of the room balanced. Experience completely new atmospheres thanks to textile architecture for gastronomy and the hotel industry.

If the renovation often involves a great deal of effort and days of downtime, DESCOR® stretch ceilings and walls can be laid quickly and cleanly within one day. Neither the complete removal of the localities, nor high temperatures during installation are necessary.

# PONGS®



Restaurant LARC (Paris, France) Implemented solution: Digitally printed DESCOR® PREMIUM Acoustic



# Applications



Spar + Leihkasse Gürbetal, Branch Seftigen (Seftigen, Switzerland) | Project: Fux & Sarbach Engineering AG Architects: Maeder I Stooss Architekten GmbH | Photographer: Damian Poffet, Köniz Implemented solution: DESCOR® PREMIUM Acoustic

#### Business Modern elegance

The business premises of the Spar + Leihkasse Gürbetal are now bright and modern. Muted colors, seamless DESCOR® stretch walls and ceilings as well as indirect lighting create peace and a respectable atmosphere. For a professional day-to-day business and individual, discreet consultations.











Atrium Celgene International SA, DNA (Boudry, Switzerland) | Project: CCHE Lausanne SA Photographer: Thomas Jantscher Implemented solution: DESCOR® PREMIUM Acoustic



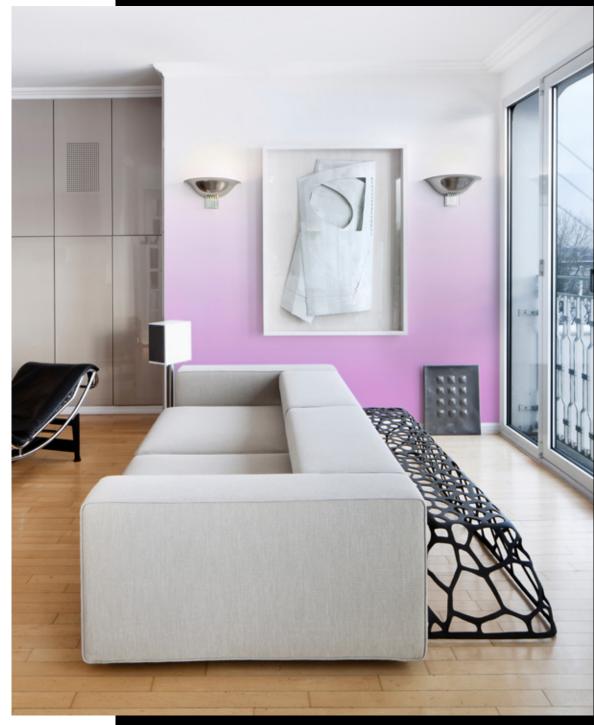


Photo by Hamma Design



Art by Joel Lautenbach



Photo by Helena Lautenbach



## PRINTERIEUR® Textile interior design by PONGS®

PRINTERIEUR® is the innovative concept from PONGS® for high-quality textile interiors and printed room design. Art and interior merge and realize individual design concepts down to the smallest detail. PRINTERIEUR® transforms works of art into large art walls. Discover limitless inspirations in our online database: choose from breathtaking photos as well as high-resolution images and graphics specially selected for large format and art prints. Well-known artists and photographers as well as aspiring newcomers offer their popular works on the PRINTERIEUR® platform as well as exclusive, limited collections. Whether as a full-surface wall or ceiling system, as a large-format screen, as an intelligent pin board with acoustic properties or as a light panel with dimmable backlighting - PRINTERIEUR® by PONGS® is as versatile as life itself.



Photo by Teddy Marks





Photo by Orion Dahlmann

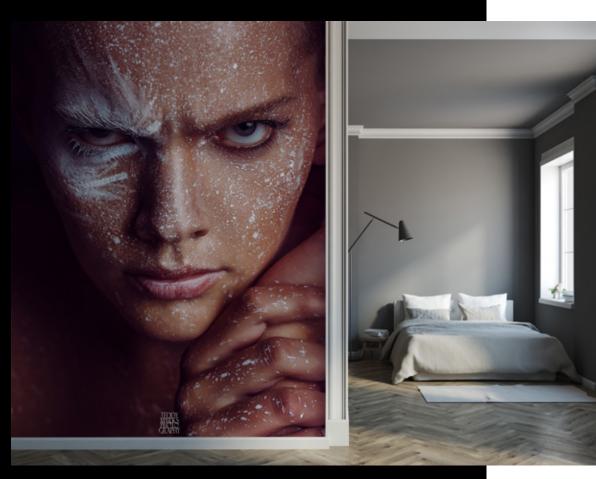


Photo by Teddy Marks







**PRINTERIEUR®** 





Photo by Helena Lautenbach



## 12

## Interior by PONGS® Always something special

Incomparable: the art of living. Our PONGS® Design brand manufactures extravagant interior accessories with that certain something, also according to individual wishes.

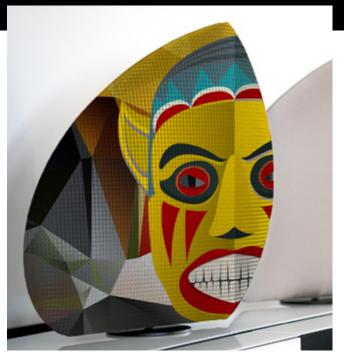
Sound-absorbing textiles such as SILENCIO® and AKUSTICO® are not only suitable for the DESCOR® system, but also as a robust cover material for PONGS® design objects. When printed digitally, they are an exciting eyecatcher. At the same time, they can create a balance in the room sound and support the calming properties of the DESCOR® acoustic wall and ceiling systems.



## PONGS®

## Interior by PONGS® Always something special







## Soundleaves

A tribute to the beauty of nature. The leaf-shaped design elements Soundleaves® also ensure peace and a pleasant atmosphere. They can be used flexibly and noticeably absorb background noise. Developed by Incatro Room Acoustics (NL), awarded the prestigious Red Dot Design Award; with digitally printed AKUSTICO® or SILENCIO® they are exclusively available from PONGS®.

## Seating

96

Taking a seat becomes a new feeling: with the ergonomically curved Easy Chair Helena and the two-seater Lounge Chair. At first glance, the distinctive look and clear lines dominate, then the sound-absorbing properties of the cover fabrics AKUSTICO® and SILENCIO® are impressively convincing.







Digital print media from PONGS® are specially designed for curtains, light objects and draperies and are often used in the area of shows, events, decoration, but also in textile architecture. With individual printing, they can be optically matched to the DESCOR® wall and ceiling systems.

## Avalon®

More than just a lamp: the interplay of shape, color and lighting creates a highly emotional light object. For the unique design of Avalon®, the textile shape, which is interwoven with metal threads, is deformed by hand. Thus each lamp is unique.







## Fandango by Kenneth Cobonpue

This light object is surrounded by a unique aura, it combines dynamism and power. For this purpose, layers of SUPERIOR are draped in such a way that a fine diffusion of light results. This textile is perfect for covering voluminous, especially backlit objects.

## Intelligent room design

Simply make the most out of your room with the clever system for sliding doors from raumplus® and the matching, effective cover textiles from PONGS®. Modern rooms require multifunctional, individual solutions. Together with raumplus® we develop cupboard and storage space concepts as well as room dividers for apartments, hotels or offices. Panels with acoustic textiles such as AKUSTICO® and SILENCIO® transform innovative door systems into aesthetic sound-absorbing surfaces that can be used in the work environment as a storage solution, as a room-in-room or for the dynamic division of office space. The world's first sound-absorbing doors can be changed and customized in a matter of minutes thanks to digitally printable textile covers and thanks to the extremely easy to handle installation system.

raumplus

100



Location: Mühltroff PONGS Technical Textiles



## Location: Stadtlohn PONGS Textil GmbH

## Visions Products with a future

Going ahead is not enough for us, we want to share textile passion and live it every day. In times in which global markets are changing rapidly, it is all the more important to leave your mark and strengthen your own brand. With quality and consistency, PONGS® succeeds in differentiating itself on the world markets. The company keeps changing needs and requirements firmly in view.

Our highest goal is to create holistic solutions from the conception and the specially developed technical textiles to the implementation of the project. We would like to offer our customers a distinctive and unique service. This service, our globally recognized brands and highly technical and functional products with great added value ensure that we are globally unique in the long term.

The direct exchange with customers and partners creates new opportunities for reflection. The way we inspire each other as a team, this is how PONGS® also distinguishes this mentality in external actions. Pulling together - That is the noticeable added value in textiles from PONGS®. Effective synergies for a successful future. Take a look ahead with us.

## PONGS®

Your partner for textile development and production





Headoffice | Showroom

PONGS GROUP GMBH & CO. KG

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Production | Trade & Logistc Center

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in











Project: Fux & Sarbach Engineering AG - Architects: Maeder I Stoos Photo: Damian Poffet, Köniz. Solution: PONGS\* - DESCOR\* PREMIUM Acoustic

## Highest quality

The high-quality DESCOR® stretch walls and ceilings in pure white, different colour versions or with a slightly shimmering effect adapt to any interior in an elegant and modern way.

DESCOR® PREMIUM Colour DESCOR® PREMIUM Star DESCOR® Opaque DESCOR® Diffusor

## Elegant color gradient

Exceptionally fine, elegant colour gradients bringing freshness and individuality to your four walls. Soft and perfect with 21 different colour variations for a striking effect.

DESCOR® PREMIUM Gradient
DESCOR® PREMIUM Star Gradient



Wall system: PONGS\* - DESCOR\* PREMIUM Star Gradient Ceiling system: PONGS\* - DESCOR\* PREMIUM

## THE MICHAEL PROPERTY OF THE MI

Wall system: PONGS\* - DESCOR\* PREMIUM Antibac with digital print



Cross-Mountain lift station (USA) Project: Typico & TMVO Photo: Ryan Bonneau Implemented solution: PONGS® - SILENCIO® with digital print

## Effective and reliable

High-end textiles with integrated hygiene technology provide reliable protection against bacteria. The revolution for hospitals, medical practices, kindergartens and schools. Thanks to the tested Sanitized® hygiene function, pathogens have no chance.

DESCOR® PREMIUM Antibac With silver polymer compounds Permanently effective bacterial reduction> 99.99%

## **Bright enthusiasm**

Light creates atmospheres and creates moods, it is one of the most important elements of architectural concepts. Backlit walls and ceilings make rooms shine even without natural daylight.

DESCOR® Backlit
DESCOR® Translucent

## Passion Our dedication for textiles

PONGS® is pure passion for textiles. For more than 100 years we have been developing and manufacturing technical and decorative textiles for countless industries. Our reputation for quality and knowhow made PONGS® the top address for digital printing, trade fair construction, stage, theatre and event building, visual merchandising and innovative solutions for textile architecture.

From yarns to the final product. PONGS® has got a full scale production. We do our own warping, weaving and warp knitting, taking products right through to the finishing. Because we manage this production process ourselves, we are capable to ensure that the utmost care is taken at each stage of the process, resulting in perfect quality.

Made in Germany - made by PONGS®.

## The DESCOR® system Textile stretch walls and ceilings

DESCOR®, the innovative concept for textile interiors, opens up completely new dimensions in wall and ceiling design. The system for covering walls, ceilings and panels redefines exclusive room design and is the modern alternative to conventional wallpapers and coverings. DESCOR® is not only easy, precise and clean to install, it is also characterised by a particularly seamless result and a smooth surface. The system thus combines aesthetics and the highest functional features. Clever properties enable completely new types of room architecture and leave nothing to be desired with a spectrum of almost unlimited design options.

Whether for private living or the contract area, for new construction or renovation - the DESCOR® system is suitable for every project and every room. The textiles we use are not only among the widest on the market, they are also equipped with all the necessary quality and safety certificates. In perfect coordination with the innovative assembly system, they transform a room into an aesthetically functional overall concept within a very short time.





Hôtel de Ville de Montpellier - Architects: Jean Nouvel, Francois Fontès Implemented solution: PONGS®- DESCOR® PREMIUM Acoustic with digital print



One of a kind showroom. The Villa Lantz by PONGS®.

## Soothing sound The beauty of silence

Silence is the sound of inner calm. Acoustic moments are becoming increasingly important in interior design, because contemporary design that is intended to touch all of our senses is in increasing demand. Optimal acoustics make the perceptible comfort perfect.

Sound-absorbing textiles from PONGS® are functional and aesthetic. In the DESCOR® system they harmonise the surround sound and at the same time also convince visually, whether with a three-dimensional surface like SILENCIO® or creped like AKUSTICO®. Thanks to their bright colours and detailed prints, these textiles become a decorative element for walls, ceilings, room dividers or pieces of furniture.

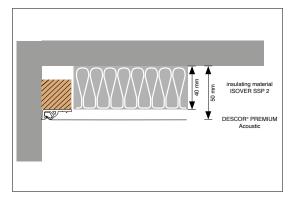
In combination with acoustic fleece or mineral wool, our textiles achieve a particularly high level of sound absorption.

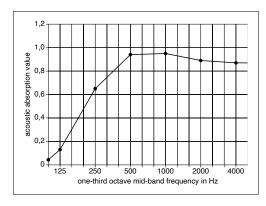
## **Acoustics:**

Acoustic correction: sharp drop in level in reverberant rooms. Associated with 40 mm acoustic fleece:  $\alpha_w$  = 0,9 Classification A

DESCOR® PREMIUM Acoustic AKUSTICO® SILENCIO®

PONGS® acoustic systems are installed by a network of approved installers.





## Application:

PONGS® acoustic systems are ideally suited for:

- Renovation and new construction
- Houses and flats
- Café, hotel, restaurant
- Office or conference rooms
- Business premises, shopping centers
- Public spaces, sports halls
- Swimming pools, gyms
- Medical facilities, schools, kindergartens

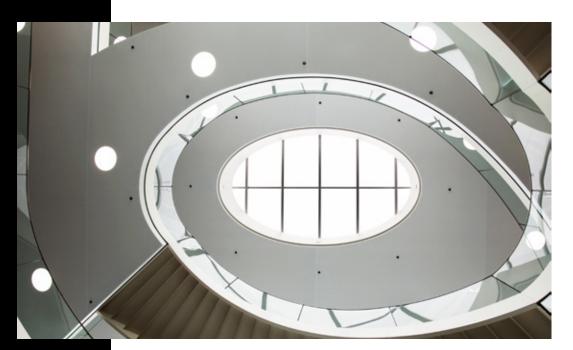
## Design:

All acoustic and technical textiles from PONGS® are available in different colours and, if required, with individual digital printing. This has no influence on the properties of the textiles. PRINTERIEUR® from PONGS® is the new concept for high-quality interior and room design. The best quality graphics and excellent images, specially compiled for large format and art prints - these are the design templates for exceptional interiors.

## **Benefits:**

The DESCOR® system from PONGS® is the ideal solution for all walls and ceilings:

- · Acoustic added value
- Quality and durability
- Fast installation
- · Impressive results
- Free of dirt and dust
- Unique price-performance ratio
- Seamless, smooth surface
- Installation without soldering and sewing
- High resistance
- Thermal insulation
- Ecologically valuable



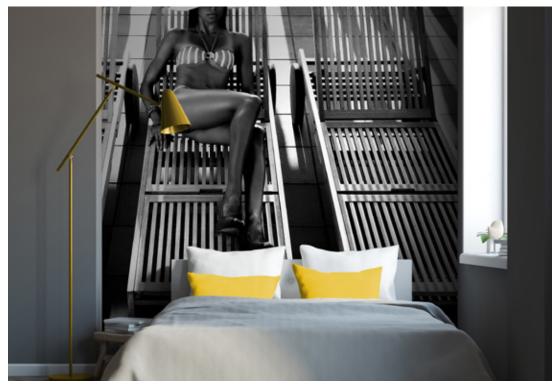


Photo Teddy Marks



## Unleash emotions A source of inspiration

A picture is worth a thousand words. In perfect interaction with its surroundings, it can have an invigorating or calming effect and has direct access to the emotions of its viewer. Printed on DESCOR®, every motif arouses bright enthusiasm.

All textiles used in the DESCOR® system are designed to be able to reproduce complex motifs with a high level of detail. Unique colour rendering and graphically precise contours give even visionary architectural projects additional impulses. Whether stucco decorations, virtuoso drawings or graphically highly sophisticated design templates. With DESCOR® stretch walls and ceilings we bring every motif to life.

There are no limits to creativity: whether in restaurants, hotels or in your own four walls. The perfect stage to realise yourself, to make a statement or to express your visions and feelings are the smooth, seamless DESCOR® walls and ceilings.

Plafond du salon d'Hercule: «L'Apothéose d'Hercule» Lemoyne François (1688-1737)

## Excellent quality Made in Germany

Modern construction projects call for innovative concepts and new materials that meet the spirit of the times and can realise the greatest possible freedom of design. Room and object design is becoming an experience these days, flexibility is becoming increasingly important. With the DESCOR® system from PONGS® for textile stretch walls, rooms can be set up innovatively and in the shortest possible time. The stretch walls and ceilings are installed quickly and free of dirt, even on uneven surfaces. Neither wearing protective clothing nor high ambient temperatures are required. The possibilities and laying of the DESCOR® system are regularly trained by experienced craftsmen in the PONGS® training center. This ensures an equally high level of quality worldwide.



Photo Kanjo Také

## Restaurant L'ARC (Paris, France) Implemented solution: DESCOR® PREMIUM Acoustic with digital print



# Made in Germany



Certified acoustic absorption values DIN EN ISO 354



Conformité Européenne conformity marking within the European Economic Area



Reach Compliance certified



fabric free of formaldehyde and other volatile organic compounds (VOC)

Certified for **HP Latex Inks** 

Certified for HP Latex Inks



ISO 105-X12



PVC-free



Indoor Air Comfort Gold®



OEKO-TEX® Standard 100 (Hohenstein)



flame protection certified for eg. M1 NF P 92 503-507; B-s1, d0 DIN EN 13501-1



NFPA 701, Class A ASTM E84-16, FOCT (GOST)

Your distributor







