

SYSTEXX FOCUS PRODUCTS

SPOT-ON SOLUTIONS



SYSTEXX 
by Vitrolan

INNOVATIVE GLASS FABRICS AND FLEECES FOR WALLS AND CEILING

WALL COVERINGS MADE FROM GLASS

OUTSTANDING PERFORMANCE ON WALLS AND CEILINGS

SYSTEXX by Vitrolan – textile glass coverings for walls and ceilings. Glass fabrics boast high mechanical strength and durability, they are crack bridging and impact resistant. At the same time, SYSTEXX wall coverings offer excellent water vapor permeability, comparable to highly breathable loam plasters and this contributes to a very pleasant indoor climate. When coated with suitable paint systems, they can be sponged down and disinfected. They can be repainted 10 to 15 times. Glass fiber wall coverings are long-lasting, eco-friendly and are particularly suitable for allergy sufferers.

TECHNISCHE HIGHLIGHTS



Resistant to disinfectants and cleaning agents



Non-toxic



Suitable for allergy sufferers



Brandsicher:
A2-s1, d0
bzw. B-s1, d0



Impact and perforation resistant



Abrasion and scrub resistant



Wall reinforcing and crack bridging: A1



Made in Germany



Paintable multiple times



No VOC emissions



The properties mentioned here apply to a large part of the SYSTEXX by Vitrolan range and may vary subject to the relevant coating.

THE PERFECT ANSWER TO EVERY CHALLENGE

SYSTEXX BY VITRULAN

Wall coverings have to meet a variety of requirements: in addition to being sound absorbing, highly vapor permeable or offering increased fire safety, they are expected to be quick and easy to install while meeting high aesthetic standards.

No problem with SYSTEXX by Vitralan. Our SYSTEXX products provide the perfect answer to all these challenges, combining the highest quality standards with individual functional benefits, timeless style, and exceptional design options.

WALL COVERING IN THE BACKGROUND: SYSTEXX ACTIVE ACOUSTHERM 133 PG

Discover our SYSTEXX product highlights on the following pages.



SILICATE FLEECE FOR A HEALTHY INDOOR CLIMATE

SYSTEMXX FLEECE GLASS 225 SI



Natural, vapor-permeable building materials are becoming increasingly popular, and with good reason: there is a growing interest in materials that are not only environmentally friendly but also contribute to a particularly good indoor climate.

Breathability in walls plays a key role in this context. Only if walls can absorb and release moisture in the room is a healthy indoor climate possible.

Our **Fleece Glass 225 Si silicate fleece** ensures vapor-permeable walls maintain their breathability: **a sd value of just 0.01 m** testifies to this.

This means that walls can “breathe”, absorbing water vapor from indoor air and releasing it again. The silicate fleece thus **does not provide a breeding ground for dangerous mold!**

ADDITIONAL BENEFITS

- | Ideal for **mineral** coatings and substrates
- | Eco-friendly
- | Non-hazardous **to health**
- | High **inorganic** percentage $\geq 90\%$
- | Homogeneous surface
- | Very easy to cut
- | **Dimensionally stable**
- | Flame retardant (B-s1, d0)



Fleece Glass 225 Si



RENOVATING WALLS IN RECORD TIME

SYSTEXX ACTIVE RENO

SYSTEXX Active Reno was designed for renovating with as little effort as possible, while keeping noise and mess to a minimum. As a result, day-to-day business can be continued while renovations are underway.

SYSTEXX Active Reno 938 is a glass fabric with a special weave pattern that hides substrate imperfections. Its intentionally irregular, textured finish is particularly suitable for direct application over old wall coverings on areas in need of renovation, e.g. textured plaster up to 2 mm or old glass fabric.



Reno 938 PG AQ



Reno Smooth PG AQ

SYSTEXX Active Reno is available in four variants to suit all requirements:

- | SYSTEXX Active **Reno 938 RW**: renovation glass fabric for conventional application with dispersion adhesive.
- | SYSTEXX Active **Reno 938 RW AQ**: glass fabric with Aqua Technology. The adhesive is already applied evenly to the back of the fabric and is activated by water with the Aqua Quick device. It only takes approx. 3 minutes for the adhesive to be ready.
- | SYSTEXX Active **Reno 938 PG AQ**: also features the effective Aqua Technology, but is pre-pigmented with high quality white pigments. So pale colors need only one coat of paint – and that's it!
- | SYSTEXX Active **Reno Smooth PG AQ**: this glass fleece with Aqua Technology features a specially developed adhesive coating on the back that conceals substrate unevenness of up to 1 mm, creating a smooth, flat surface. Perfect for renovating old glass fabrics. Thanks to its unique properties, it can be applied quickly and efficiently, without the need for time-consuming and messy filling and sanding to prepare the substrate! Reno Smooth is ready for direct coating. Wallpapering over it is possible but not necessary.



coming soon



Old glass fabrics:
prime and apply the fabric



Roughcast (up to 2 mm):
prime and apply Reno 938.

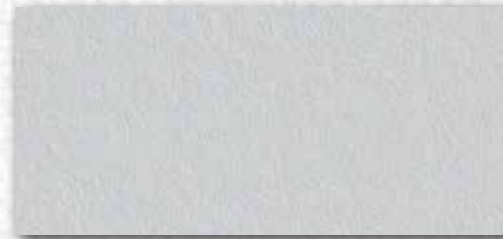


OSB: finish joints, apply barrier
prime and then apply Reno 938.



Examples of use

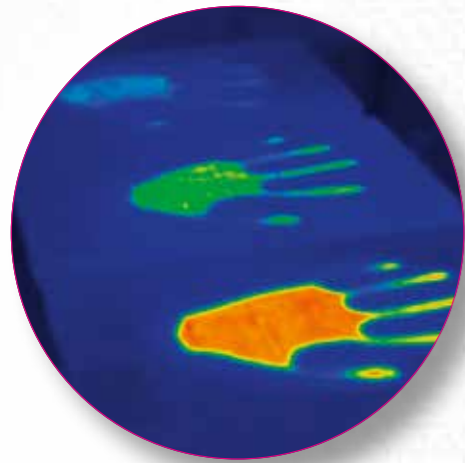
NEW



AcousTherm Glassfleece



AcousTherm 133 PG



See the scientifically proven effectiveness of SYSTEXX Active AcousTherm for yourself. Scan the QR code to watch the video evidence from ZAE Bayern.

Wall surface temperature:
20 °C with AcousTherm

Wall surface temperature:
18 °C without AcousTherm



AcousTherm 904 RW

SAVES ENERGY, REDUCES NOISE

SYSTEXX ACTIVE ACOUSTHERM

SYSTEXX Active AcousTherm – whether coated or uncoated – achieves its effect through trapped air, which keeps heat inside the room and reduces reverberation. This helps improve room acoustics noticeably. AcousTherm glass fabrics have a **Class E sound absorption rating** thanks to their sound-dampening properties. An impressive performance for a material which is just 3.0 mm thick.

Moreover, with **SYSTEXX Active AcousTherm heat loss through walls is reduced by 10%**. A comfortable temperature can be reached **up to four times faster** with AcousTherm. Thus, the desired cozy warmth is achieved much more quickly, resulting in a **relative saving of 2 °C**. The wall covering does not interfere with natural heat circulation or change the dew point.

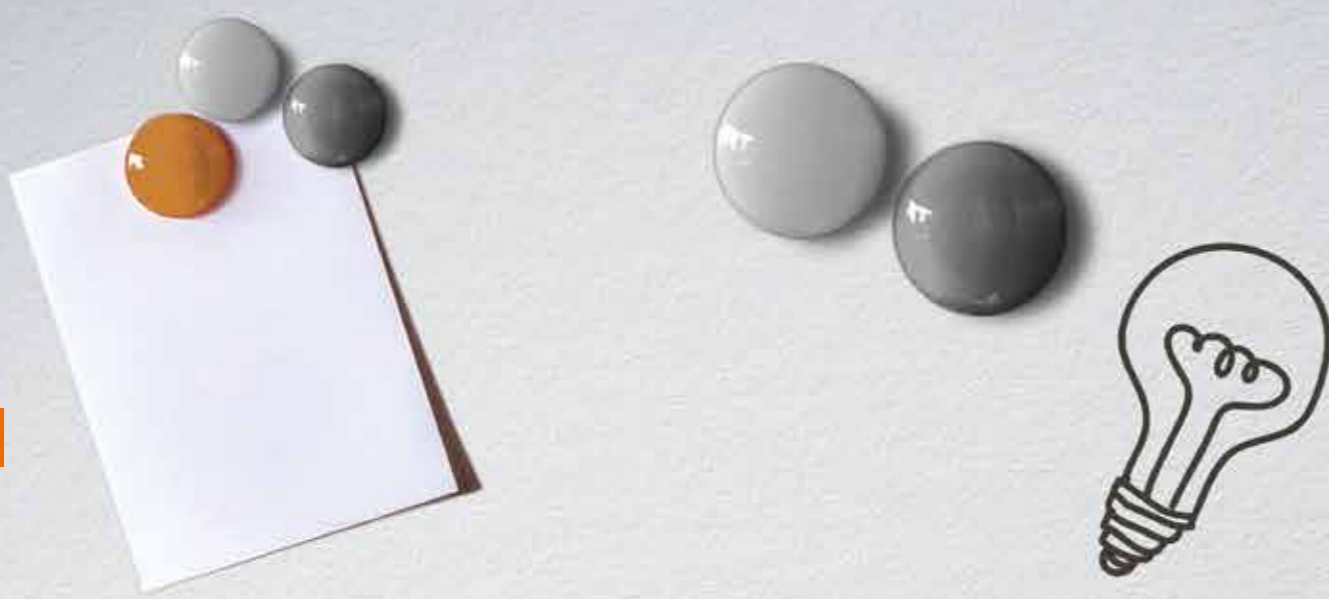


IMPRESSIVE!

SYSTEXX
CERTIFIED QUALITY

AcousTherm glass fabrics achieve a weighted sound absorption coefficient of α_w 0.25 [H] and a practical sound absorption coefficient of α_p up to 0.7.





EASY TO HANG MAGNETIC SURFACES

SYSTEXX ACTIVE MAGNETIC

Whether used as an information board, presentation surface, or for posting notes: with the **SYSTEXX Active Magnetic** range, you no longer have to make do with unwieldy flipcharts, bulletin boards, or framed whiteboards. No matter the shape or size of the interactive surfaces, our magnetic products are easy to install. The reverse side of the wall covering has a magnetic layer, whereas the options for the visible side are a particularly fine glass fabric (**Magnetic 139 PG**) or a perfectly smooth glass fleece (**Magnetic Glassfleece PG**). The wall coverings, which can be repainted multiple times, blend almost imperceptibly into the room and do not create a magnetic field or interfere with mobile radio or Wi-Fi networks.

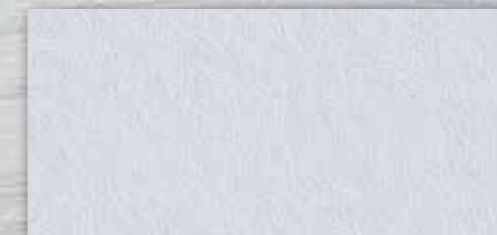


Detailed information

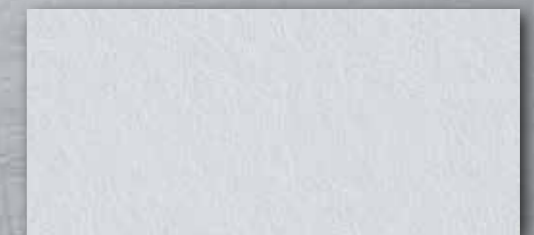
THE ALL-IN-ONE SOLUTION

SYSTEXX ACTIVE MAGNETIC WHITEBOARD

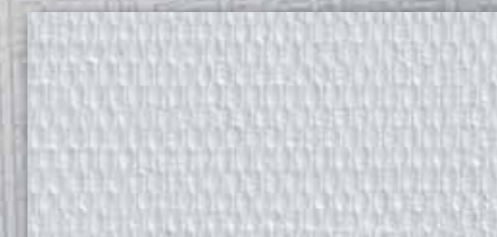
Our **SYSTEXX Active Magnetic Whiteboard** provides an intelligent multifunctional surface that can be installed in next to no time. No magnetic paint or plates, no separate coat of paint – a whiteboard has never been put on a wall faster or cleaner! Creativity knows no bounds: regardless of whether classic whiteboard markers are used or pencils with particularly soft leads specially designed for children.



Magnetic Glassfleece PG



Magnetic Whiteboard matt



Magnetic 139 PG



EVERY SECOND COUNTS:

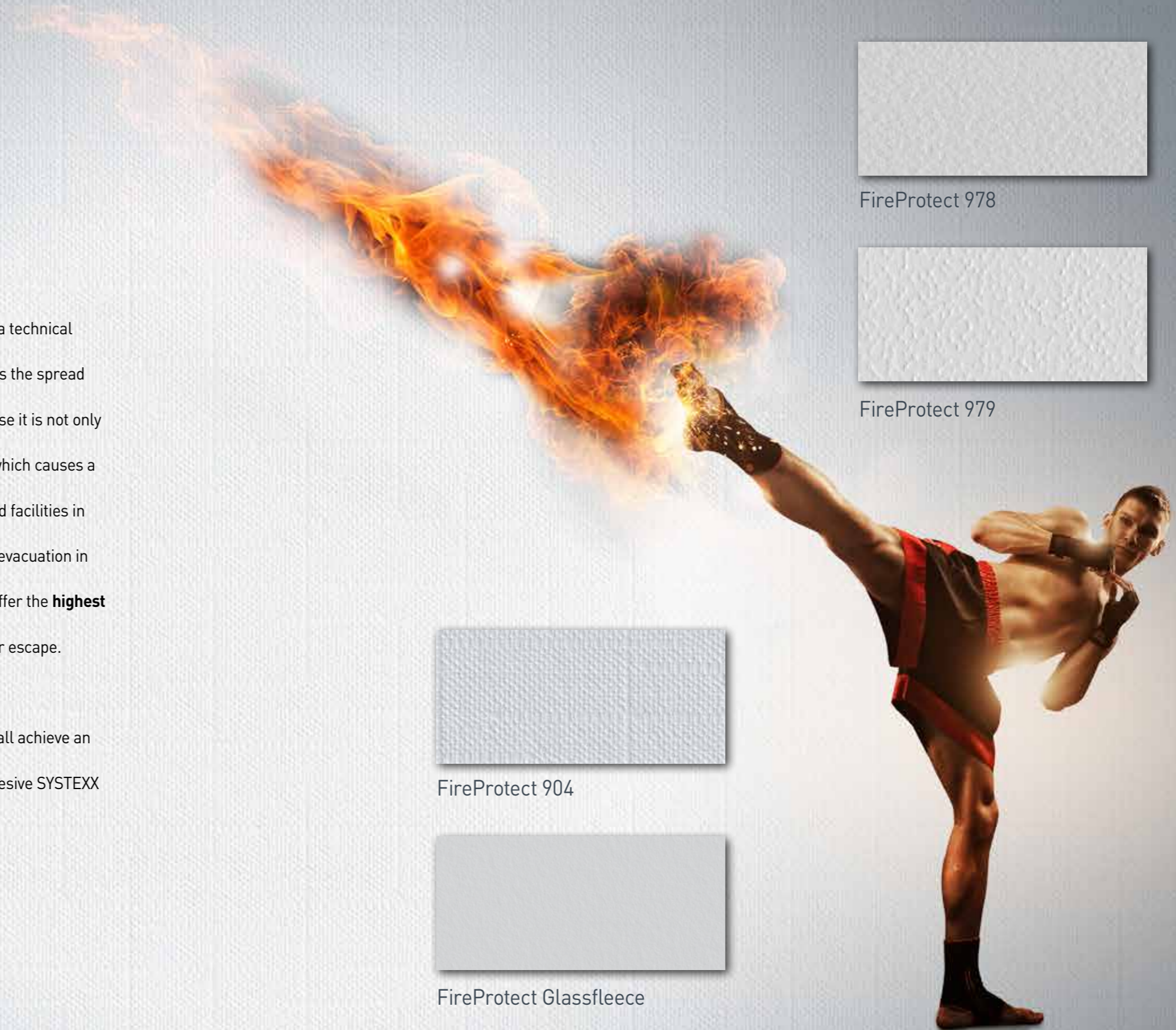
SYSTEXX ACTIVE FIRE PROTECT

Of course, we hope that fire never breaks out. But what if it does due to a technical fault or carelessness? In that case, every second that a product hampers the spread of fire counts towards saving one's own life or the lives of others. Because it is not only the fire that is dangerous – but above all the rapidly spreading smoke, which causes a loss of orientation and uses up the remaining oxygen. Heavily frequented facilities in particular must provide adequate protection to allow sufficient time for evacuation in the event of fire. Systems such as **SYSTEXX Active FireProtect**, which offer the **highest fire resistance classes**, can add crucial minutes to the time available for escape.

SYSTEXX Active FireProtect is a certified system of four products that all achieve an **A2-s1, d0 fire rating** when installed with the corresponding system adhesive SYSTEXX Active FireProtect Glue – in other words: it is **non-combustible!**

Reaction to fire according to DIN EN 13501-1 (2010): A2-s1, d0
(Tested in the adhesive/paint system)

- | A2 – it is non-combustible
- | s1 – in the event of fire, a very limited amount of smoke may develop
- | d0 – in the event of fire, there are no flaming droplets



FireProtect 978

FireProtect 979

FireProtect 904

FireProtect Glassfleece



Watch this video and discover the proven effectiveness of SYSTEXX Active FireProtect.

The Vitrulan Group has production facilities at two locations in Germany: Marktschorgast (Kulmbach) and Haselbach (Sonneberg) as well as one in Mikkeli, Finland.

Wall coverings made of glass fabrics and glass fleeces, modern infrared surface heating based on glass fabrics, and technical textiles made of glass, synthetic, and carbon fibers make up the core products of the Vitrulan Group.

Vitrulan produces extremely robust, hard-wearing, sustainable, and versatile wall coverings. A wide range of traditional and modern designs are complemented by innovative wall coverings with additional functions. Sustainable interior design and premium product quality together are our number one priority.



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systemx@vitrulan.com | www.systemx.com
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Vitrulan Textile Glass GmbH | Bernecker Str. 8 | 95509 Marktschorgast | Germany
P +49 (0) 9227 77 0 | F +49 (0) 9227 77 700 | www.vitrulan.com
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