

SYSTEXX ACTIVE ABSORB - PURIFYING GLASS FABRIC FOR WALLS AND CEILINGS

CLEAN AIR - EASY BREATHING



SYSTEXX
by Vitrolan

THE INNOVATIVE GLASS FABRIC FOR WALLS AND CEILINGS



HUMAN COMFORT

BETTER INDOOR AIR QUALITY

Clean air is essential for our health. However, particularly when renovating or refurbishing rooms, many materials emit hazardous substances that can damage your health. Breathing in even small amounts of these substances can reduce your ability to concentrate and trigger headaches or nausea. Formaldehyde is a very common indoor air pollutant. Many everyday materials release this gas into the air. Be it new furniture, especially when made of wood composite or plywood, carpets, paints or adhesives – formaldehyde is often emitted over a long time and degrades only slowly.

Absorb provides effective help by permanently binding formaldehyde contained in indoor air. It makes indoor air much cleaner and healthier than when standard wall coverings are used – this active coating boosts the well-being of us all.

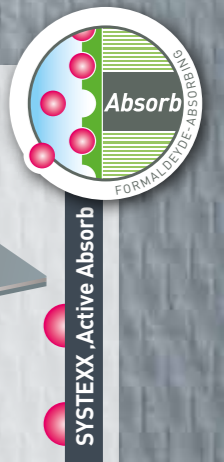
Absorb makes breathing easier

UP TO
65%
BETTER INDOOR AIR QUALITY*

Formaldehyde in indoor air...



... is permanently captured in SYSTEXX Active Absorb glass fabric



*compared to rooms with standard coverings for walls and ceilings

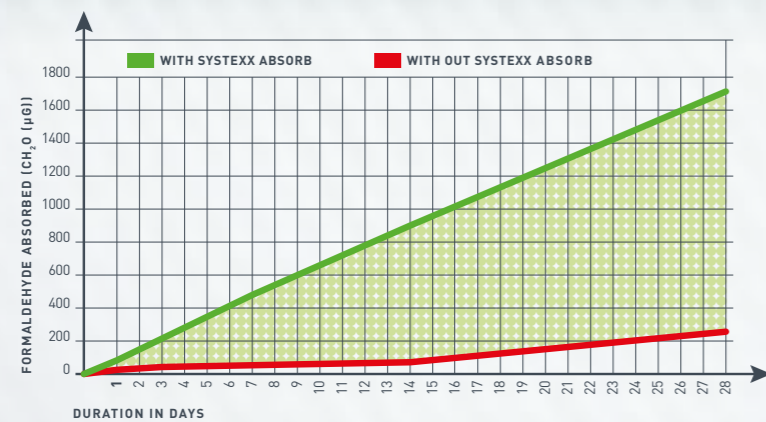
WALL COVERING WITH AN EXTRA BENEFIT

MINIMIZES HARMFUL FORMALDEHYDE

Every single fiber of the Absorb wall covering is coated with a special finish that filters formaldehyde from the air and binds it effectively. Laboratory tests have scientifically proven that SYSTEXX Active Absorb can reduce the concentration of formaldehyde in the air by up to 65% – even as the pollutant is continuously released into the air. The wall covering can absorb high levels of formaldehyde across its entire life cycle – harmful substances that are gradually emitted from furniture, for instance. Compared to other wall coverings, it helps create a significantly cleaner and healthier indoor climate. That's good for the well-being of the people living in these spaces.



SYSTEXX Active Absorb compared to standard wall coverings



DIN tests simulate the release of formaldehyde to the air over a lengthy period of time – just like in real life. SYSTEXX Active Absorb was found to effectively bind the pollutant even after 28 days of constant exposure.



Simplified diagram of test result based on an area of 35 x 35 cm according to DIN ISO 16000-23 (Tested in November 2015 by eco-Institut Germany GmbH, Cologne)

MULTIPLE FIELDS OF APPLICATION

EXTRA POWER FOR AIR PURIFICATION



Clean air in your environment – the quick and easy way

Major application areas are nurseries, schools and offices, but Absorb is also suitable for use at home, e.g. in children's bedrooms or living rooms.



The fabric is particularly suitable for buildings where special emphasis is placed on indoor air quality and reducing formaldehyde concentrations. Examples of such buildings include nurseries, schools, recreational rooms, hospitals, children's bedrooms etc. The fabric helps comply with the requirements of the environmental protection act 'Grenelle 2', which came into force in July 2010 and specifies in its regulation 2011-1727 that the maximum concentration of formaldehyde should be reduced from 30 µg/m³ [1 January 2015] to 10 µg/m³ by 1 January 2020. It is particularly recommended for rooms with low air exchange rates.



GLASS FABRIC WITH SPECIAL FINISH

Permanently binds harmful formaldehyde contained in indoor air



FLAMMABILITY RATING B - S1, d0 ACCORDING TO DIN EN 13501-1

Flame-retardant, generates almost no smoke in the event of a fire, and does not drip



POWERFUL PERFORMANCE

Bridges existing cracks and effectively prevents new ones from forming



A+ FOR ZERO EMISSIONS

For a better room climate



CREATES A HEALTHY INDOOR CLIMATE

Special finish effectively binds formaldehyde – even after a longer period of time



HARDWEARING SURFACE

Protects walls against damage from knocks, abrasion and scrapes



EASY TO CLEAN

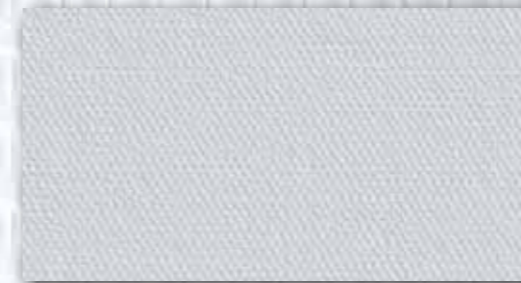
Resistant to disinfectants and cleaning agents



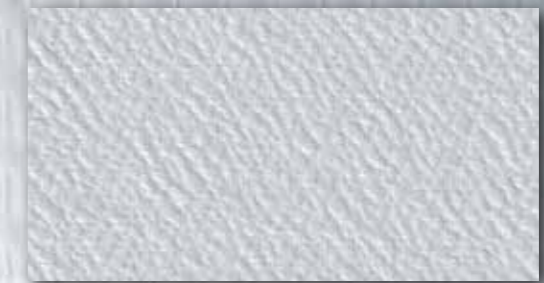
NON-HAZARDOUS TO HEALTH

Oeko-Tex certified

Effective Aqua technology makes the Absorb glass fabrics quick and easy to hang.



Active Absorb 960



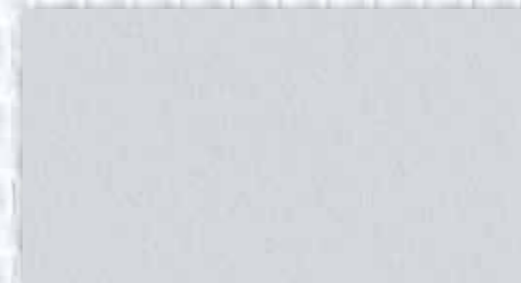
Active Absorb 165



Active Absorb 133



Active Absorb 139



Active Absorb Fleece 130 (without Aqua Technology)

Further decorative designs with Absorb finish are available on request.



TESTED QUALITY!

Effectiveness tested by an independent testing center (eco-Institut Germany GmbH, Cologne) according to DIN ISO 16000-23, in November 2015.

The Vitruhan 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 Vitruhan Group.

Vitruhan 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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