

TECHNICAL DATA SHEET

SYSTEXX Active Logo

Innovative glass fabrics for walls and ceilings

Properties / Typical application

The SYSTEXX Active Logo wall covering is woven of glass yarn, and combines the outstanding technical properties of the SYSTEXX products with a special, supplementary function for special room uses. It is a particularly good example of the level of innovation embodied in SYSTEXX by Vitrulan.

SYSTEXX Active Logo has brand certification in accordance with DIN EN 13501-1:2010, and meets Class B-s1, d0. Thanks to its high quality, SYSTEXX Active Logo satisfies Oeko Tex Class 1. SYSTEXX Active Logo is applied using conventional wall adhesive techniques.

SYSTEXX Active Logo permits exclusive interior design: with the innovative Jacquard weaving techniques, individual logos and patterns can be woven into the wall covering in any desired way. In this way, elements of the corporate design of companies, hotels and so on can be given effective expression.

Technical Parameters / Roll Style

Product	SAP designation	Approx. Weight in g/m ²	Approx. Width in cm	Lengths in m	Pattern Repeat cm
SYSTEXX Active Logo L65 Logo on Fond	GG 965 RW 25m	200	100	25	individual
SYSTEXX Active Logo L00 Logo on Rips Flamme	GG 900 RW 25m	300	100	25	individual

Individual designs

1. Corporate Design on the wall

SYSTEXX Active Logo offers the possibility of weaving individual logos into the wall covering. Please send us your logo as a .pdf, .jpg, .eps or .ai file or as an original by post. Please do not send by fax. We also require the following information: wall height and width, height and width of logo on the wall, letter height for lettering, position of logo on the wall (distribution layout with dimensions).



2. Individual Designs



3. Individual Designs

In addition to corporate logos we can weave custom-made patterns into the wall covering. Please send us an example (e.g. drawing, print material, sample) and we will send you a draft, and upon your approval, 5 m² of woven fabric within short notice. Costs for this service will be billed but offset against the invoice upon receiving your order.

Contact

Our customer service team will be happy to answer your questions and give you further information.
Phone: +49 92 27 77 760 or at www.systemxx.com

Substrate preparation

The substrate must be dry, clean, smooth and stable. Remove old wall coverings and unstable coatings. Smooth any stable substrates that are rough or uneven; fill any holes with filler. Ideally the substrate is to be prepared in such a way that any imperfections such as extra graininess or small uneven locations can largely be avoided. Marks left by preparation work should be ≤ 1 mm. Achieve this by treating the surface with a smoothing plaster or smoothing pass over a large area. Porous substrates should first be treated with a suitable primer. Remove any mould or fungus, and treat according to the relevant guidelines (Substrate preparation is described in more detail in the "Substrate / Preparation" table).

Application

Important for all products

Do not apply when the temperature of the room or wall is less than +8 °C. Only use products with the same serial number on adjacent surfaces (printed on the outside of the box). Sheet length = wall / ceiling measurement plus 5 – 10 cm. Cut off the excess cleanly.

1. Application with adhesive for SYSTEXX Active Logo L65

Apply sufficient latex adhesive with a paint roller or airless spray gun evenly to the wall over a width of 1 – 2 sheets. Observe the adhesive manufacturer's application notes. This also applies for application with a wall papering device. At normal room temperature (18 °C) the drying time is 7 – 12 hours. Remove any adhesive on the visible side straight away with a damp cloth or sponge

2. Avoid differences in texture

Never paste the product upside down or inside out. The marking on the back provides orientation. When glued, the distance between the back marking is 1 m from one sheet to the next.

3. Paste with butt-join

The sheets must have very good contact near the seams. Any adhesive left on the front of the fabric should be removed immediately with a damp clean cloth.



4. Press on and cut off

Apply enough pressure with a wallpapering squeegee over the whole area to remove bubbles. Push the excess carefully into the corners and trim it off along the edge of the wallpapering squeegee or cutting ruler using a sharp-bladed cutter. Applying to outer corners: use a fine grade of wet abrasive paper (≥ P 240) to lightly sand the product at the edges (without sanding through), press around the edges and press out the bubbles.

5. Coating

We recommend using high-quality dispersion paint. Apply two coats, wait until the first coat has completely dried before applying the second coat. Any level of gloss can be used.

- 1st coat: apply the paint evenly after the product has fully dried. Observe the paint manufacturer’s instructions for application.
- 2nd coat: only do this after the 1st coat of paint has fully dried.

Adhesive consumption: 250 – 330 g/m²
 Paint consumption: 300 – 400 g/m² for 2 coats

The quantity required depends on the fabric structure and on the substrate. You will need to determine accurate values to allocate applications to the building. Similarly, please also observe the technical data sheets for those products that will also be used.

Coating according to degree of gloss

Desired topcoat	Required basecoat
Matt	-----
Semi-gloss	Semi-gloss
- Eggshell	- Eggshell
- Satin	- Satin
Gloss	Gloss
- High gloss	- Satin
	- High gloss

Substrate	Preparation
Exposed concrete	<ol style="list-style-type: none"> 1. De-burr roughly 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Porous concrete, Filigran concrete	<ol style="list-style-type: none"> 1. Clean (abrade and smooth down) 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Sandy plaster	<ol style="list-style-type: none"> 1. Sand down (remove loose sand corn) 2. Stabilize substrate with a suitable primer 3. Fill holes and cracks, smooth and level substrate with a suitable filling material 4. Sand and prime
Course textured plaster	<ol style="list-style-type: none"> 1. De-burr roughly 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Absorbent plaster (e. g. stucco)	<ol style="list-style-type: none"> 1. Apply a suitable primer 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Normal plaster	<ol style="list-style-type: none"> 1. Fill holes and cracks, smooth and level substrate with a suitable filling material 2. Sand and prime
Peelable / Stripable wallpaper Scrap wallpaper (e.g. woodchip)	<ol style="list-style-type: none"> 1. Remove wallpaper entirely 2. Fill holes and cracks, smooth and level substrate with a suitable filling material 3. Sand and prime
Peeling / Flaking paint coating	<ol style="list-style-type: none"> 1. Remove all loose flakes 2. Sand and prime the area 3. Fill holes and cracks, smooth and level substrate with a suitable filling material 4. Sand and prime
Distemper coatings (e.g. cellulose)	<ol style="list-style-type: none"> 1. Remove completely by scraping/washing off 2. Prime with suitable keying primer 3. Fill holes and cracks, smooth and level substrate with a suitable filling material 4. Sand and prime
Glossy paint coatings	<ol style="list-style-type: none"> 1. Sand until there is a matt finish 2. If necessary, apply a keying primer

Glass fabric	<ol style="list-style-type: none">1. Smoothen and level out fabric structure with a suitable filling material (prevents the formation of stripes in the texture)2. Sand and prime
Plasterboard panels	<ol style="list-style-type: none">1. Fill joints and screw holes in accordance with current plasterboard specifications2. Sand and prime
OSB panels, wood, Hardboard	<ol style="list-style-type: none">1. Insulate/seal surface with suitable primer2. Fill joints and screw holes with suitable filling material3. Sand and prime
Ceramic tiles	<ol style="list-style-type: none">1. Clean and degrease the tiles2. Apply bonding agent (undercoat/primer for ceramic and glass)3. Fill and level whole surface with a suitable filling material4. Sand and prime
Rusty steel surfaces	<ol style="list-style-type: none">1. Remove rust as per DIN 55928 PST 2-3 or ST 2-32. Apply a suitable anti-corrosive primer
Bleeding surfaces (e.g. waterstains)	<ol style="list-style-type: none">1. Insulate bleeding areas with a suitable primer2. Fill holes and cracks, smooth and level substrate with a suitable filling material3. Sand and prime
Nicotine and soot deposits	<ol style="list-style-type: none">1. Treat with an insulating protective layer

Important

In spite of strict quality controls, the nature of production means that small faults can occur. These are marked at the edge of the material, and compensated for by an additional 0.5 meter length. Complaints made after more than 10 sheets have been laid cannot be accepted.

Storage

Store the rolls in a dry, clean place.

General information

- 1.) Certain sensitive individuals may find that handling glass fiber irritates their skin. SYSTEXX is tested to Öko-TEX standards to ensure that it is free from allergenic and harmful substances.
- 2.) The glass staple fiber yarns / Sliver is manufactured in such a way that irregularities are clearly visible in the surface pattern of fabrics made from it. This visual effect is deliberate and does not constitute grounds for complaint.
- 3.) This information sheet does not claim to address every problem that may occur in practice. Therefore no obligation or liability may be derived from it. Users are obliged to use their professional judgment to assess the application based on the product's suitability and the substrate. Please comply with the relevant national building regulations. In case of doubt, please contact the technical advisory service at Vitrulan Textile Glass GmbH.