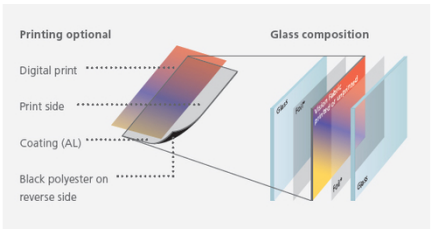
SEFAR Architecture fabric&glass

SEFAR Architecture VISION | fabric & glass is a range of high precision fabrics, made from synthetic black monofilament yarn, metal coated, at least on one side coated and optionally printed.

Product Information

Application

SEFAR Architecture VISION fabric is part of a glass laminate, covered in-between two panes of glass and two interlayer foils, fully embedded and protected towards environmental influences. Applicable for flat, as well as for curved glass.
SEFAR Architecture VISION fabric is part of a glass laminate.



For exterior and interior applications such as:

- Façades
- Glass canopies
- Glass skylights
- Glass fins
- Glass louvers
- Balustrades
- Privacy sections
- Wall panels and gladdings
- Glass partition walls

DOWNLOADS

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Benefits

Besides the outstanding, lively 3-D appearance of the fabric and it´s unique one-way-vision effect, SEFAR Architecture VISION provides a number of clear additional benefits for architects, designers, engineers, owners and users of buildings with glass applications.
The fabric's open area determines the degree of energy transmission and transparency. In addition, the metal coating and color is also instrumental for the reduction of energy transmission.

- Reduction of SHGC / g-value
- Providing shading
- Glare protection
- Bird strike protection
- One-way-vision effect
- Privacy
- Lively 3-D appearance
- Design, creativity & function
- Active safety due to laminated glass
- Patented product

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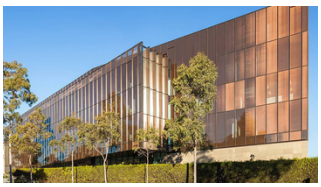
PROJECTS



University, Sydney, AU

New teaching and learning facility and extensive refurbishment of the heritage RD Watt Building.

Press release: University, Sydney, AU

World Trade Center 3, NYC, US

Podium facade designed with Vision fabric AL 140/50.

Reference: World Trade Center 3

Midtown Jalisco, Guadalajara, MX

Mixed use commercial building with Copper printed Vision fabric in the facade.

Reference: Midtown Jalisco

World Trade Center 3, NYC, US

Elegant entrance atrium and elevator banks.

Reference: WTC, NYC

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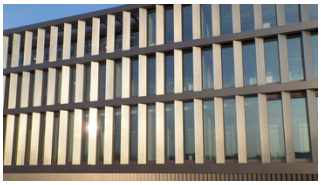
Dollar Bay, London, UK

Like a beacon in the waterfront area with one and both sides printed Vision fabric on the ground floor.

Reference: Dollar Bay



Dal Mainz, DE

Glass fins with laminated Vision fabric.

Reference: Dal Mainz

2100 K Street, Washington, US

172 glass fins for the headquarters of the International Finance Corporation.

Reference: 2100 K Street

School Building Horw, CH

After the renovation of the school building, the rhythmic interaction of colored glasses creates a distinctive and unique appearance.

Reference: School Building

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Balustrades in Corporate Office, Richmond, AU

Golden printed Vision fabric has been laminated into the glass of the balustrades.

- **Reference: Corporate Office**

Skybridge, New York, US

The SEFAR VISION fabric interlayer protects the skybridge from the heat and glare of the sun while providing unobstructed views of the city.

- **Reference: Skybridge**
- **Additional information**
- **More details...**

Ginza Six, Tokyo, JP

This facade layout was chosen, as they wanted a design using glass which has a texture resembling a metal look.

- **Reference: Ginza Six, Tokyo**

Jackalope Hotel, Merricks North, AU

In the hotel on the renowned Willow Creek Vineyard the SEFAR Architecture VISION fabric laminated glass makes for an impactful staircase and balustrade material.

- **Reference: Jackalope Hotel**

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Hyundai Motors R&D Center, Gyeonggi-do, KR

The main reason to use the Vision fabric was privacy shield from exterior and to get a good view from inside.

Reference: Hyundai Center

City Walk, Dubai, UAE

City Walk building in Dubai with depth exterior curtain wall appearance to reduce glare and solar heat gain for the condominium owners.

Reference: City Walk

Nevada Labor Building, Reno, US

The State of Nevada required a new cafeteria for its staff and created an open and pleasant space to reduce energy costs while providing ample daylight.

Reference: Nevada Labor Building

International Finance Center, Jersey, UK

Half of the 3'300 m² facade of the world-class business hub, providing environmentally sustainable Grade A office and retail space, is equipped with floor-to-ceiling windows laminated with VISION AL 260/50B fabric.

Reference: Jersey Finance Center

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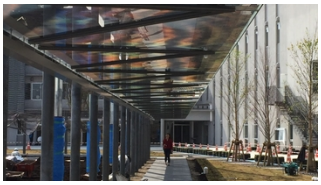

Nerima School, Tokyo, JP

The covered corredor protects students from rain and sun.

Reference: Nerima School

Goldin Financial Global Center, Kowloon Bay, HK

The intent was privacy and to light from the edge of IGU, using the fabric to scatter the light to achieve a glowing effect on the surface of glass.

Reference: Goldin Financial Global Center

UBS Broadgate Elevators, London, UK

Vision fabric laminated used for wall claddings

Reference: UBS Broadgate Elevators

University of Hertfordshire, Hatfield, UK

Science building with Insulated Double Glazed units laminated with Sefar Vision fabrics.

Reference: University of Hertfordshire

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Library Birmingham, UK

Contemporary aesthetic with high level of glazing

Reference: Library Birmingham

Australian Post Office, Westin Melbourne, AU

The glass building of the

Reference: Australian Post Office

Novartis Research Facility, Cambridge, US

Glass Louvers laminated with both sides coated/ printed Vision fabric for improvements.

Reference: Novartis Research Facility

Da Heng Building, Taichung, TW

The project specific SEFAR Architecture VISION PR 260/50 metallic grey fabric was laminated in the lower curtain wall for a total of over 1000 sqm.

Reference: Da Heng Building

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Dun Laoghaire Library, Dublin, IR

The windows of the Dun Laoghaire library are more conventional openings, partly shaded with louvres, which are laminated with SEFAR Architecture

Reference: Dun Laoghaire Library

Airport Keflavik, IS

The building consists of a glass facade, featuring SEFAR Architecture VISION. This fabric is laminated into the exterior glass facade, acting as a sunscreen and having a

Reference: Airport Keflavik

Georgstrasse, Hannover, DE

The aspect of the sunscreens across the entire facade was as important as the change of image in an innovative way.

Reference: Georgstrasse

Construction company van Roey, Het Looi Rijkevorsel, BE

The innovative system is not only functionally efficient but also offers design freedom through numerous color and shaping options. Vertical and horizontal glass fins with laminated SEFAR Architecture VISION Fabric were installed across four levels of the building's facade.

Reference: Het Looi

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Animal Protection Office, Zurich, CH

The glass facade with 1’400 m² of laminated SEFAR Architecture VISION Fabric provides an ideal habitat for animals and humans alike.

Reference: Zurich Animal Protection Office

Swiss Railway Main Office Building, Bern Wankdorf, CH

The facades consist of colored, moveable glass slats which transform the visual appearance of the building as the sun moves across the sky.

Reference: Swiss Railway Main Office Building

Europaallee 21, Construction Area C, Zurich, CH

The building complex is formed from four structures grouped together around an open courtyard in the shape of a windmill sail. Each building was designed by a different architect so is therefore different in appearance.

Reference: Europaallee, Construction Area

C Quadro, Executive Building, Udine, IT

The ultra-modern, elegant 'C Quadro Executive Building' lends a new sparkle and gives a new face to the district where it's located. The facade laminated with the SEFAR VISION fabric subtly picks up on the set piece – the familiar silhouette – and deliberately mirrors the characteristically irregular city skyline.

Reference: C Quadro, Executive Building

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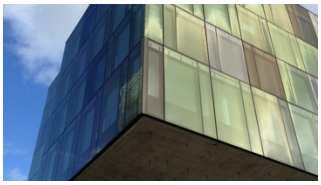

Suurstoffi Offices, Rotkreuz, CH

Novartis Corporation's new Swiss Headquarters at 'Suurstoffi' Rotkreuz is fitted with different colored SEFAR Architecture VISION fabric.

Reference: Suurstoffi Offices

Würth Building, Rorschach, CH

Five-storey administration building directly at the lakeside.

Reference: Würth Building

10 Brock St, NEQ, Regent's Place, London, UK

SEFAR Architecture VISION fabric is used to contrast with the profiled, anodized stainless steel behind glass on the south facade, while the east/ west façades are shaded with vertical fins of glass and translucent coated Sefar fabric. These fins vary in depth to create a wave pattern across the façade.

Reference: Regent's Place, London

Crystal of sylvinite for BKK headquarters, Minsk, BY

The general ideology of the office building was to employ maximum color, light and glass. The intention of the 8 floor building was to symbolize a crystal of sylvinite.

Reference: Crystal of sylvinite for BKK

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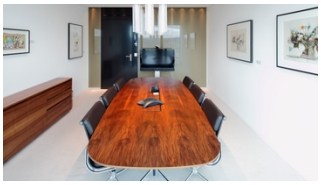

Prime Tower Room divider, Zurich, CH

Double side coated SEFAR Architecture VISION fabric as room divider between the meeting room and corridor of a bank.

Reference: Prime Tower Room divider

Prime Tower Ceiling, Zurich, CH

The SEFAR Architecture VISION fabric attached to metal ceiling panels build a cloudy ceiling in the restaurant Clouds.

Reference: Prime Tower Ceiling

Fashion House, Madrid, ES

The glass curtain wall is reminiscent of a three-dimensional checkerboard. This is achieved using alternating panels of clear laminated safety glass and panels embedded with VISION fabric.

Reference: Fashion House Madrid

Haus der Stadtgeschichte, Heilbronn, DE

The renovated 'Haus der Stadtgeschichte' is now part of the Heilbronn City Archive. In the original building, the interior areas were uncomfortably warm so much consideration was given to providing sun protection when planning the renovation.

Reference: City Archive, Heilbronn

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Design Festival, London, UK

The installation 'Two Lines' by David Chipperfield Architects with SEFAR Architecture VISION fabric simultaneously delighted and intrigued visitors to Size+Matter.

Reference: London Design Festival

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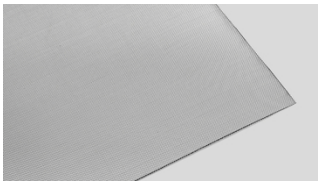
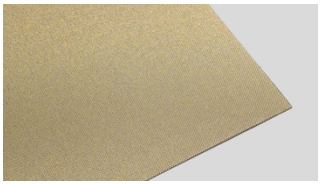
FABRIC ASSORTMENT AND STANDARD COLORS



AL 140/25

PR 140/25 Copper CPST

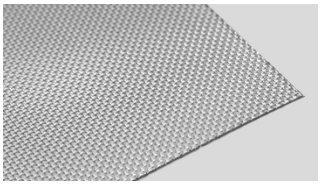


PR 140/25 Gold GDST

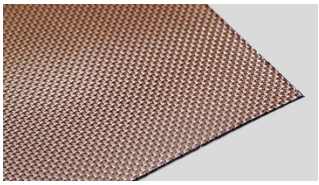
AL 140/25 Glass

PR 140/25 Copper, Glass

PR 140/25 Gold, Glass



AL 140/50



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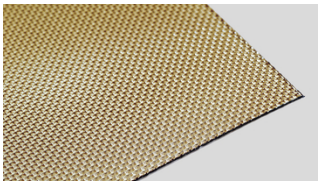

PR 140/50 Gold GDST

AL 140/50 Glass

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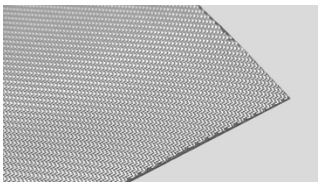
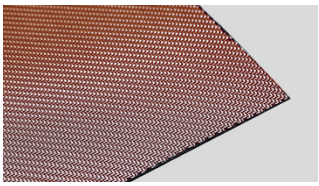
PR 140/50 Copper, Glass

PR 140/50 Gold, Glass



AL 260/30



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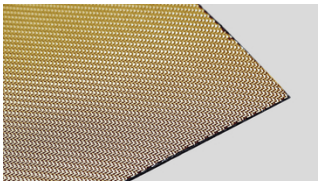

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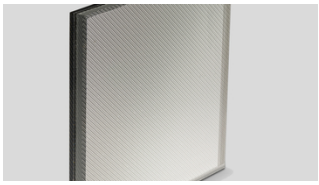
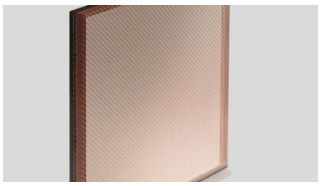
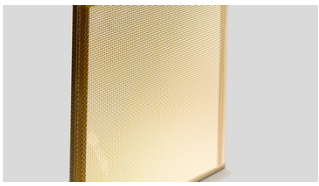


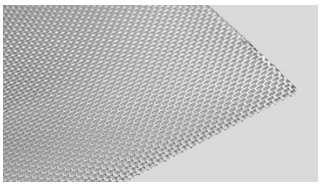
AL 260/30 Glass



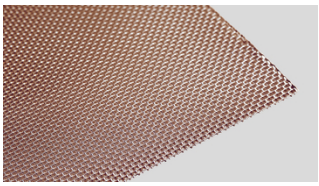
PR 260/30 Copper, Glass



PR 260/30 Gold, Glass



AL 260/55



PR 260/55 Copper CPST

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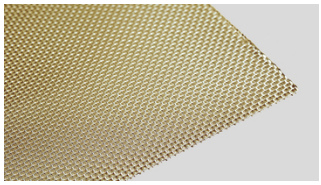
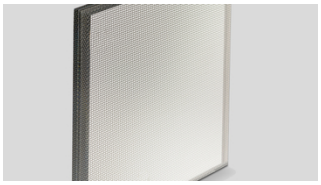
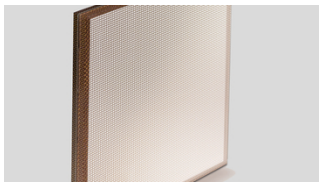


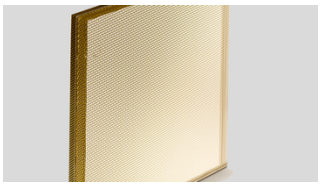
PR 260/55 Gold GDST



AL 260/55 Glass



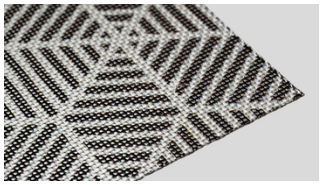
PR 260/55 Copper, Glass



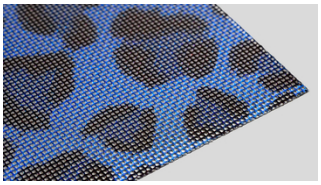
PR 260/55 Gold, Glass

COLOR DESIGN OPTIONS

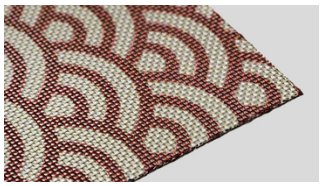
Pattern examples / Customized patterns



PR 260/55 black & silver pattern



PR 260/55 Leopard blue pattern



PR 260/55 red pattern

PR 260/55 Tiger red pattern

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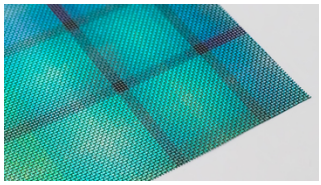
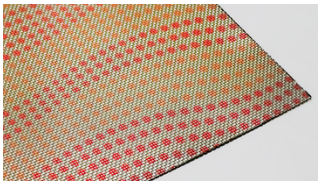
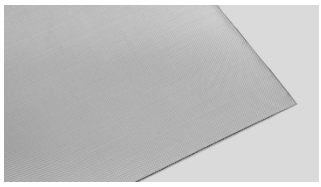


PR 260/55 turquoise scquare pattern

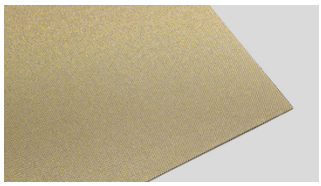


PR 260/55 red dots pattern



Silver

Copper CPST



Gold GDST

Color samples or customer specific colors

By means of digital printing, the coated fabric sides can be decorated with individual designs or any specific color. In addition to the one-side coating and

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printing, both sides can be coated and printed (e.g. for glass-fins or -louver, glass partition walls), even with different colors or designs, without any show-through on the reverse side.

SEFAR VISION – A fusion of unique aesthetics and function

One-way-vision effect

The so-called one-way-vision effect is obviously the main aspect of the product. It provides an exceptional range of design possibilities on the outer face of the glass pane for architects and façade designers, on the basis of a unique, exciting and lively 3-D appearance – without disturbing the view from the inside to the outside.
Find it out by sliding the pictures:.

Outside view – Project BKK, Minsk (Belarus)

View from inside – BKK Building, Minsk

Example for visual appearance from outside

View from inside

Energy transmission in laminated glass in combination with SEFAR VISION fabric

The fabric's open area determines the degree of energy transmission and transparency. In addition, the metal coating and color is also instrumental for the reduction of energy transmission.

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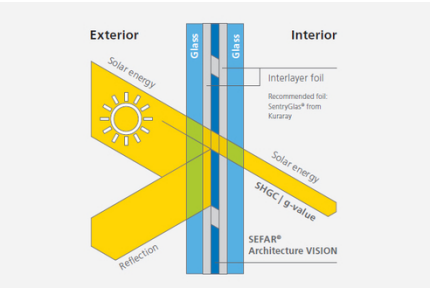

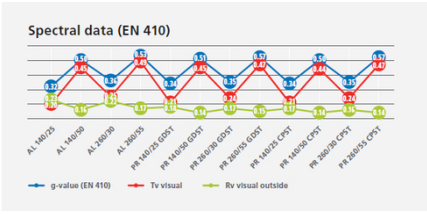

SEFAR Architecture – Brochures & Documents

- Table of values (, 0 kb)
- Bird protection (, 0 kb)
- Our vision

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