

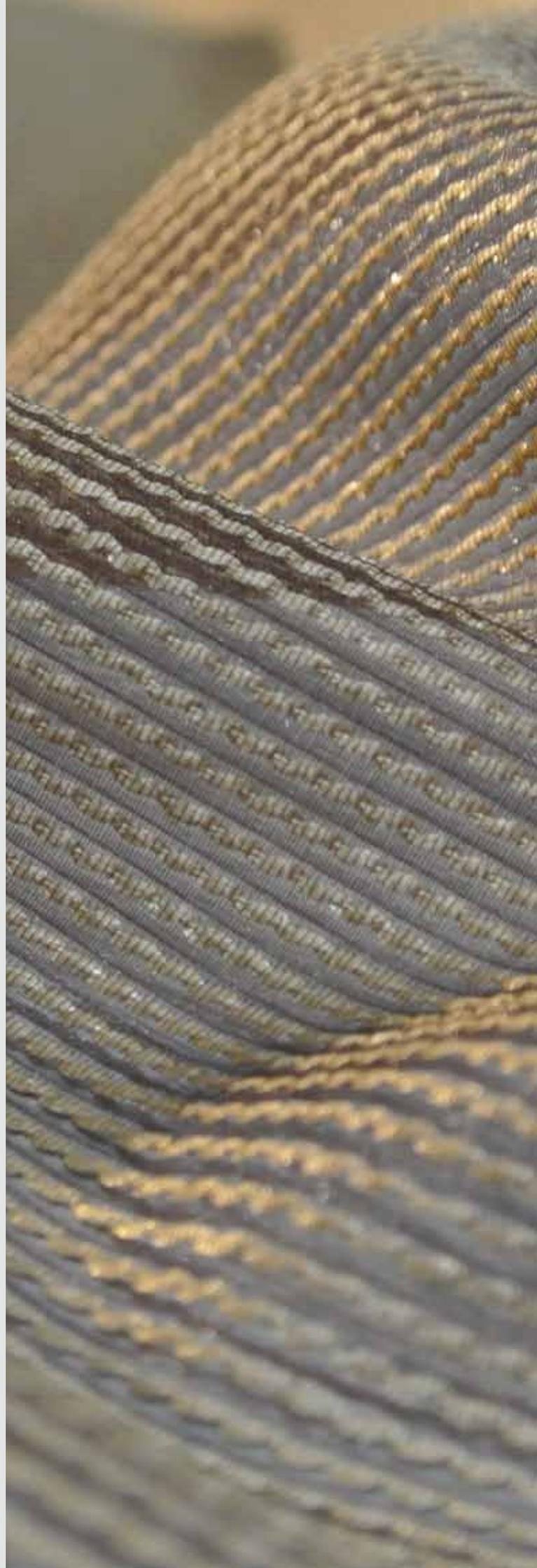
Silent Gliss The Collection

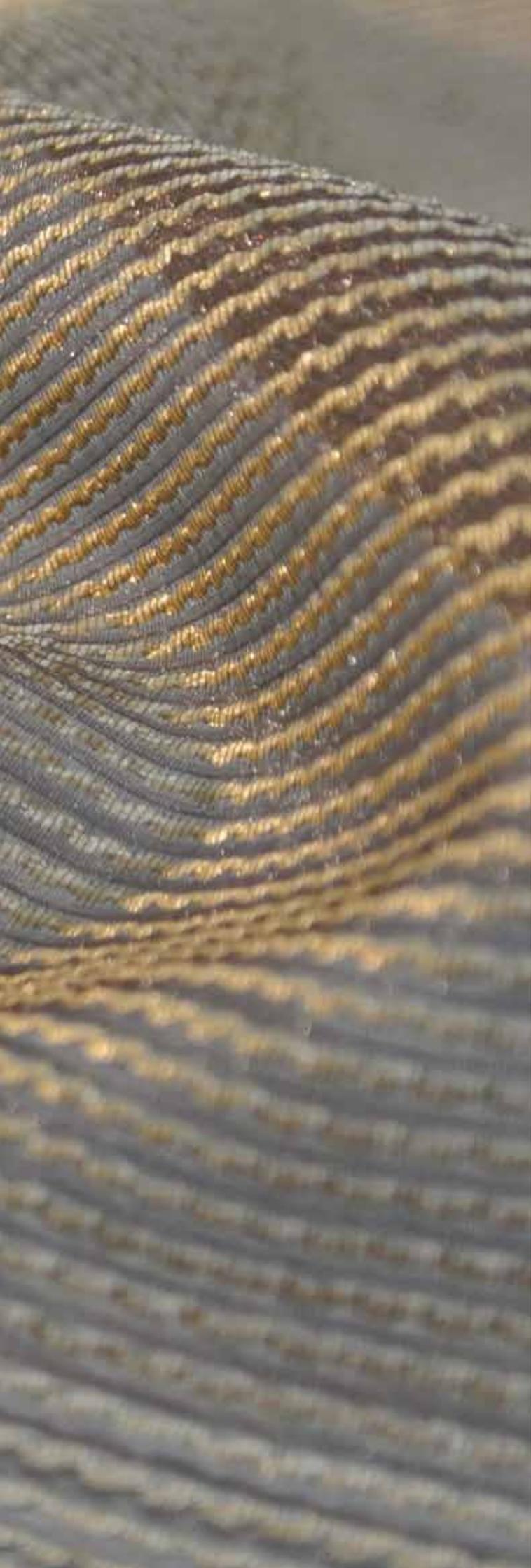
Custom Made Worldwide

It was back in 1952 when Silent Gliss first introduced a world premiere with the first silent curtain track system. Today they still remain the world leading manufacturer of high-end internal window treatment systems.

Quality is the common denominator of all Silent Gliss products. Only materials which fulfil the highest standards in durability, stability and precision are used for Silent Gliss systems.

Whether for shading, screen, room divider or a design element – all Silent Gliss systems are produced made to measure.





Silent Gliss Fabric Collection

Essential for the perfect window decoration is the interplay of sophisticated technique with high quality fabrics. All Silent Gliss fabrics are extensively tested on various systems for perfect hanging.

The Collection from Silent Gliss captivates with its variety of qualities. Besides transparent, dimout and blackout fabrics, Silent Gliss offers an exquisite diversity of materials, colours and special technical characteristics.

The Collection concentrates on special fabric technical features – we know that window shading is about more than just decoration.

The Silent Gliss Collection sets itself apart from other collections on the market by putting the focal point on the physical fabric characteristics. Thereby fulfilling not only the need for design but also for functionality.

All fabrics are flame retardant and excel through special additional attributes such as odour and sound elimination or antibacterial properties.



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Fabric Selection Tips

Light Collection Box

The tabs allow you to select fabrics according to transparency.

- Transparent
- Semi transparent
- Dimout
- Blackout

The Legend explains the pictograms



Practical tool

The Light Collection Box was designed as practical working tool.

Its advantages are:

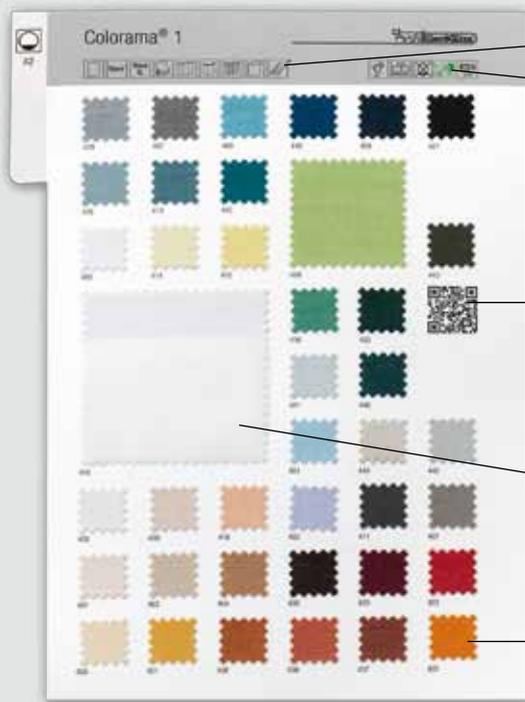
- Sized "to go"
- Should fit into most shelves
- Index facilitates a quick search
- Space for additional brochures, flyers, etc.
- Cards are colour coded with tabs to aid selection
- Clear and simple pictograms communicate key information

Sampling

The cards help the initial fabric selection. Following this, larger fabric samples are available from Silent Gliss to confirm choice and more clearly demonstrate the fabric colour and properties.

Fabric cards

Product suitability and special fabric characteristics are explained in more detail on the following pages.



Applicable product groups

Special fabric characteristics

QR-Code for online fabric information



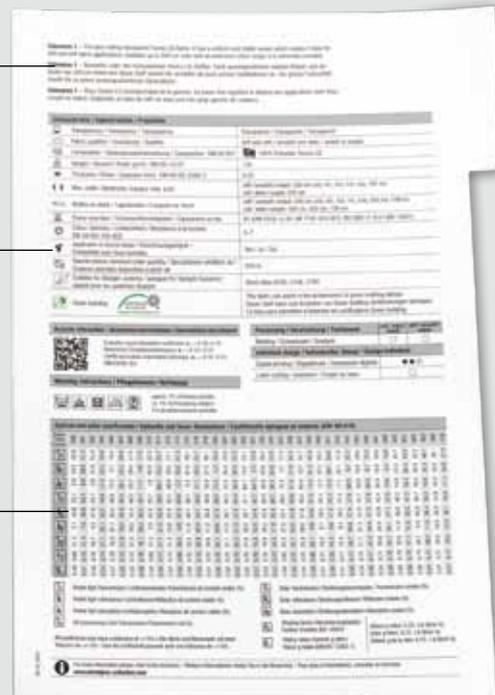
Surface feeler sample

Colour reference

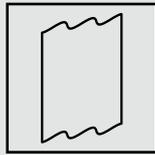
Fabric summary

Further fabric characteristics
e.g. material composition, weight
or nominal width of system

Optical and solar coefficients



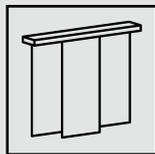
Silent Gliss Product Groups



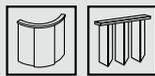
Curtain Track Systems

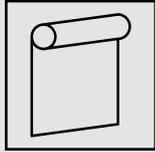


Roman Blind Systems

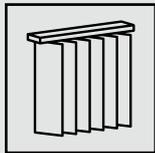


Panel Glide/Folding Panel Systems





Roller Blind Systems



Vertical Blind Systems



Skylight Shading Systems



Curtain Track Systems



Wave

Wave XL



Silent Gliss curtain track systems offer countless possibilities for individual applications, whether aiming for a traditional or more contemporary style. They are available as electric, hand or cord operated tracks.

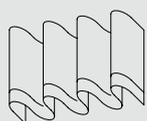
Silent Gliss Wave and Wave XL curtain heading systems offer a stunning alternative to traditional heading styles. The waves of fabric radiate harmony and calm affording any room a modern elegance.

Silent Gliss Wave and Wave XL are unashamedly remarkable and arguably offer the most beautiful curtain available.

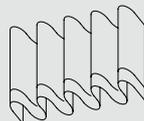


The perfect Wave

The standard Wave curtain heading system – an alternative to the traditional curtains – gives a smooth and continuous wave appearance, conveying cool elegance.



Wave 80 mm

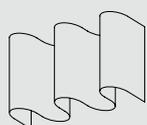


Wave 60 mm



Making greater Waves

Wave XL curtain heading system is especially suitable for large and high rooms such as lobbies and conference rooms or other public spaces including hotels and restaurants. Like its small “brother”, it is convincing with its perfectly formed waves of fabric.



Wave XL





Fabric recommendation

The Silent Gliss classic Colorama fabric comes in two transparencies. With a wide range of colours it guarantees to be a timeless choice.



The room air specialists

Silent Gliss Freshtex fabrics combine highest aesthetics with technical functionality – for a healthy and clean indoor climate.



The acoustic specialists

Acoustic characteristics of the Silent Gliss fabrics reduce background noise and improve indoor sound quality. Wave and Wave XL achieve particularly optimal acoustic levels.



Roman Blind Systems



Roman blind systems fulfil the need for a decorative room design in a versatile way. No other system offers more freedom when it comes to fabric selection. Whether comfortable and cozy, modern, cool or colourful – they allow for a totally individual interior style.

The flexible soft one

The Silent Gliss Roman blind systems match every desired style due to their choice of operating methods, fabric suitability and size possibilities.





Fabric recommendation

Silent Gliss offers a variety of attractive fabrics with significant characteristics for safety and well-being, whilst still offering a wide range of colour, various textures and transparencies.



The fire safety specialists

Silent Gliss make fire safety a priority and as a result, all of our fabrics in the Collection are flame retardant without compromising style and quality.



The room air specialists

A fresh room is a healthy room! That's why Silent Gliss carries the Freshtex range of fabrics in the Collection. They contribute towards optimising the room environment through unique fabric technical qualities.



Panel Glide/ Folding Panel Systems



Panel glide systems are a contemporary, modern way to decorate the window or divide a room. The decisive elements of the room are accentuated by the clear lines of the panel glide system. Each panel can be designed to create a truly unique design.

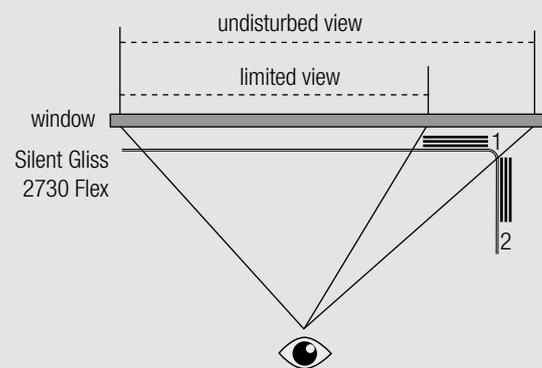
As well as the classic panel glide, Silent Gliss offer Folding Panel systems that allow the fabric panels to be folded and the light gap adjusted to filter light into a room in a remarkable way.



The one to send you round the bend ...!

The bendable system Silent Gliss 2730 Flex offers a unique and particularly clever version of the panel glide system. The system enables an effortless and smooth sliding of the panels around corners.

For the first time, the panel stack can be parked “around the corner”, offering undisturbed views.



The grouped panel stack can be parked in various positions:

1. The panel stack in this position can limit the available view.
2. The panel stack is parked “around the corner”, which offers an undisturbed view.





Fabric recommendation

The attractive Silent Gliss Collection consists of a variety of colours and transparencies in the highest quality. To further individualize the room, Silent Gliss offer digital print and laser cut options.



The room air specialists

The Silent Gliss Freshtex fabrics with catalyst function contribute to optimising the quality of the room air. They are especially effective when used as room divider with panel glide or Folding Panel systems.



The acoustic specialists

Acoustic properties can be compromised through corners and edges in a room. The physical characteristics of Silent Gliss acoustic fabrics in combination with the curves of Silent Gliss 2730 Flex systems help to improve sound quality in a room.



Roller Blind Systems



Silent Gliss roller blind systems lead in terms of technology and function. The discreet design of the blinds captivates with timelessness and meets the highest requirements of modern and present architecture.

The discreet colourful one

Small, trendy and colourful – the system Silent Gliss 4905 discreetly adapts to every room design. All the hardware parts can be produced colour matched across a wide range of colours. When combined with one of the 27 colours from the best-selling Colorama fabric, the blind will perfectly fit to almost any interior design scheme.



The gentle perfectionist

While standard systems are optimised for upward or downward movement, Silent Gliss roller blinds handle both with technical sophistication.

The system Silent Gliss 4910 is such a system. The elaborate inbuilt spring technique enables an equal and unparalleled smooth lifting and lowering of the blind – in every possible way. What is expected with smaller blinds becomes a huge advantage with larger blinds.

Further operational ease is possible with the high-end motorised system Silent Gliss 4960. This system offers an additional impressive variety of operational possibilities.



The dark ones

Dimout roller blind systems are suitable for private as well as contract applications. They are installed in offices, schools, laboratories and private homes. Anywhere where it's necessary to darken the room, Silent Gliss dimout systems offer the perfect solution. The roller blind screen is embedded in profiles preventing any light ingress.





Fabric recommendation

Every roller blind fabric has been carefully tested by Silent Gliss to ensure perfect hanging and consistent functionality over time. Roller blinds look especially beautiful when used with the best-selling Colorama fabric.



The shading specialists

Silent Gliss offers a wide range of high quality screen fabrics with various transparencies and a maximum width of 3 meters for optimum shading.



The energy saving specialists

Screens and fabrics with a white or aluminum coated reverse reflect the sunlight and reduce heat transmission which means that less energy is needed to cool the room or building.



Vertical Blind Systems



Vertical blinds are classical window treatment systems. There are almost no comparable solutions where light and shade can be more exactly controlled in rooms. Vertical blinds offer style combined with technical precision.

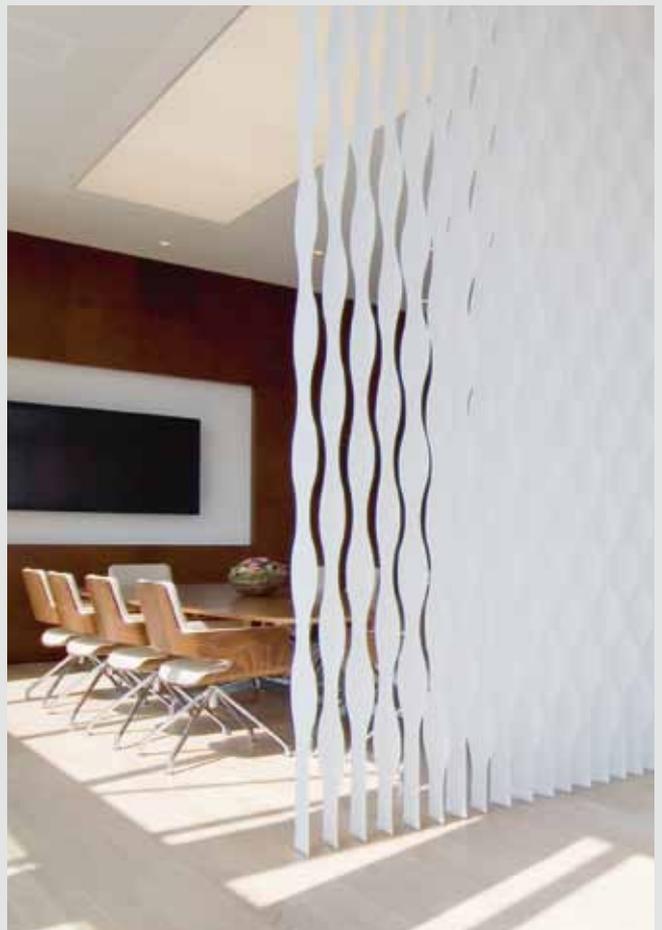
Carefully selected louvre fabrics are suitable for contract and private applications. Significant importance was given to selecting fabrics which manage glare and light in a room.



The artful ones

Stunning artistic effects are achieved with Silent Gliss Vertical Waves. The Vertical Waves are laser cut vertical louvres which perfectly complement modern architecture.

Unprecedented light and shadow effects are generated through the unique designs. Vertical Waves are an eye-catching way to separate open rooms. With three different designs there are almost no limits to creativity.



Design Andrea



Design Annika



Design Maria





Fabric recommendation

The Silent Gliss Collection features a wide range of fabrics which are perfectly suitable for vertical blinds and Vertical Waves. They are characterised by particularly good linear hanging characteristics.

Multi Visio and Multi Shadow

An exciting and modern fabric which is perfect for both Vertical Wave and digital printing.

Function

This fabric is especially weaved for 89 mm and 127 mm louvres. The louvres overlap precisely and achieve premium requirements for hanging vertical louvres.



Skylight Shading Systems



Modern architecture shows that the use of daylight inside buildings continues to grow in importance. Modern glass roofs with large dimensions and wintergardens with complex structures are not a rarity anymore and challenge window treatment providers.

Whether soft and curvaceous Roman blinds or cool and technical panels – Silent Gliss offers the perfect solution for every skylight situation.



The Roman blind types

Skylight shading system Silent Gliss 2190 (manual) and Silent Gliss 2195 (motorised) or system Silent Gliss 8700 – all three offer high functionality with a soft blind style.



The Roller blind type

Linear, efficient and minimalistic – the motorised skylight shading system Silent Gliss 8600. It uses a tensioned blind technique which works particularly well with screen fabrics.



The Panel type

The system Silent Gliss 8800 is a highly efficient way to control light from above. The sunlight can be accurately regulated and unwanted glare avoided through moving and tilting the panels.





Fabric recommendation



The shading specialists

The assortment of extensively tested and highly validated screens fulfills every demand regardless of the required transparency. The Silent Gliss screens are optimised to achieve the desired glare whilst at the same time maximising the external view.



The reflection specialists

In situations where light reflection is important, choose from a range of specifically white woven or aluminium backed fabrics.



Silent Gliss Fabric Special Functions



Fire Protection



Freshtex

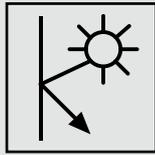


Room Acoustics

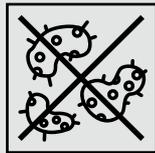


Light Management and Glare Protection





Energy Management



Antimicrobial



Sustainability



Digital Print and Laser Cut



Fire Protection



While fire-retardant products and textiles are mandatory in commercial properties, the specification is seldom an issue in private houses. This is despite the fact that for most people there is nothing more precious than family and home.

Silent Gliss is aware of this, which is why all Silent Gliss fabrics are fire-retardant.

-  Fabrics with this pictogram are supported with at least one European FR certificate.
-  Fabrics with this pictogram exceed the standard norms and are incombustible. These are particularly recommended in highly populated areas.



Fire regulation standards

Standard	Validity	Flammability class	
			
DIN 4102-1	Germany	B1	A2
NF P 92-503-507	France	M1	MO
BS 5867-2	Great Britain	Type B	Type C
UNI VF 8456	Italy	Class 1	
EN 13501-1	Europe/building product	B	A
EN 13773	Europe/curtains	Class 1	
GB 8624	China	B1	

All of the standards indicated above ensure a high level of flame retardancy (FR), compared to non FR fabrics. There are slight variations in testing across countries, for example in France fabrics have to pass one of the hardest tests worldwide.



Silent Gliss/Trevira CS

Standard fabrics



Worth knowing

This link below takes you to a Silent Gliss video which simulates a fire in a children room. It clearly illustrates and compares the burning behaviour of non-FR fabrics with that of Silent Gliss flame retardant fabrics.



www.silentgliss.com/safety





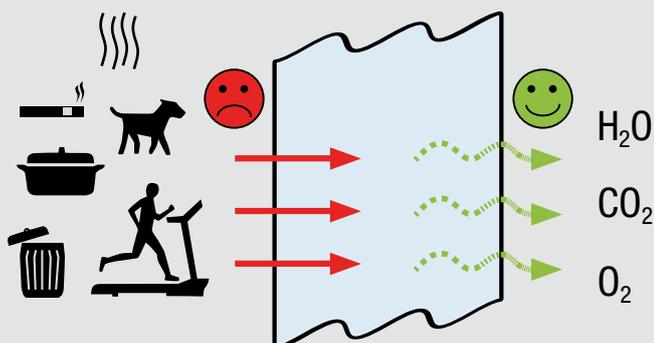
Quality of life in the rooms we inhabit is only possible if the air is healthy.

Freshtex fabrics turn home and working environments into better places: Better because unpleasant smells quickly disappear. Better because contaminants are removed from the air. Better because people simply feel more comfortable in rooms furnished with Freshtex fabrics. Living conditions are more comfortable and work performance at the office improves.

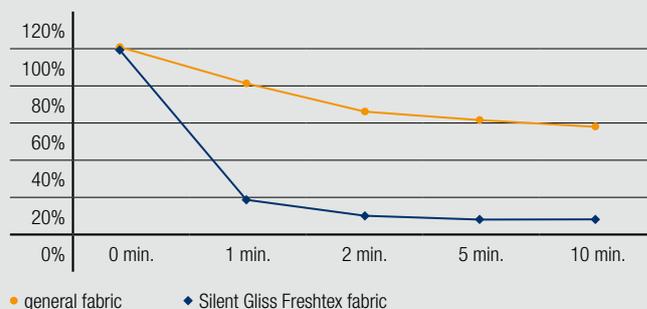


Benefits

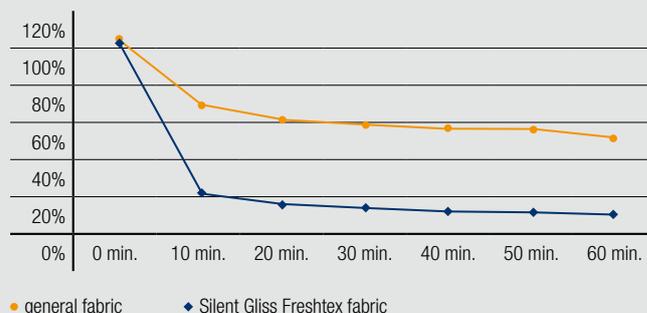
- Noticeably clean and fresh air
- Pet smells are reduced
- Rapid breakdown of cigarette smells
- Operating principle scientifically proven by independent institutions
- Permanently washable
- No special care needed
- Absolutely harmless to humans and the environment



Reduction of formaldehyde



Reduction of ammoniac



Besides formaldehyde and ammoniac, substances like acetaldehyde, nicotine, acetic acid, hydrogen sulphide, triethylamine and methyl mercaptan are destroyed.



Worth knowing

Silent Gliss Freshtex fabrics act as a catalyst. The air circulation in a room brings the odours and contaminants into contact with the patented Freshtex coating. This coating is based on natural mineral salts and breaks down the undesirable substances in the air into harmless molecules such as water, oxygen and carbon dioxide.

For optimum effect the amount of fabric should be about a third of the room's surface area, so that a 60-square metre room would need 20 square metres of fabric.



Antimicrobial



Antibacterial fabrics are an important piece of the puzzle when it comes to protecting people against the transmission of dangerous germs and diseases. This is particularly important in healthcare and nursing, since pathogenic bacteria are especially common in medical practices, hospitals and other care facilities. The precise places where people with weakened immune systems are likely to be found. Antibacterial fabrics from Silent Gliss help protect patients and clients against infection.

As well as antibacterial fabrics, Silent Gliss offers fungicidal fabrics, which prevent the growth of moulds. This is particularly important in damp and warm rooms (e.g. bathrooms, double-skin facade).



Proven benefits

- Most pathogenic bacteria are destroyed or are restricted in their proliferation
- Lower risk of infection by cross-contamination compared to conventional fabrics
- Longer lifetime of curtain fabrics
- Effect verified by independent institutions
- Silent Gliss fabrics are very low-maintenance and functional





Worth knowing

It is necessary to distinguish between antibacterial and fungicidal fabrics, depending on where they are used. A variety of processes are applied to give Silent Gliss fabrics their fungicidal or antibacterial function.

They are identified in the Silent Gliss fabric collection by the icons shown below, which must be considered when selecting a suitable fabric.



A silver-based coating is applied to these antibacterial fabrics. This fulfils the ASTM E 2149-01 standard.



These antibacterial fabrics have silver ions fixed in their yarn. This maximises their wash-resistance. The effect is verified according to the JISL 1902 standard.



These fabrics are verified according to ASTM G21-09 and have a fungicidal effect.



Light Management and Glare Protection



Achieving optimum light levels, especially at workstations, is a crucial success factor for productivity. The challenge as always is to maximise natural daylight whilst avoiding glare.

Silent Gliss have included a range of fabrics in the Collection which aim to manage glare whilst maintaining daylight and retaining an outside view. Managing glare is also important when it comes to protecting furniture and pictures since aggressive UV rays destroy pigments and surfaces.



Maximum outside view with lowest transparency.



Various transparency classes within the same fabric quality for a consistent look on different building facades.



The benefits of optimum glare protection

- Optimum use of healthy daylight
- Eye strain relief
- Improved spatial vision
- Less tiredness and irritation of the eyes
- Enables a view out of the window
- Increased comfort and higher productivity at work





Worth knowing

Depending on the cardinal direction, location and window glass, different fabric transparencies are required. The critical unit for glare shield is Tv (visual transparency). The lower the value the more sunlight is withheld. As general benchmarks, the following suggestions can be given:

Cardinal direction	Intensity of illumination	Visible light transmission (Tv)
South	75.000–100.000 lux	0–5 %
West / East	max. 60.000 lux	2–6%
North	max. 20.000 lux	15–20%

Openness factor

This measure (sometimes shown as a percentage in the name of the fabric) indicates the area of openings (holes) relative to the overall area. The openness factor is independent of colour and should not be confused with light transmission.

Energy Management



Silent Gliss offer intelligent hardware and appropriate fabrics to complement a buildings thermal control system.

Specifically developed technical textiles with white or metallic backing reflect the sunlight and avoid direct heat penetration into a room. This helps save energy used to artificially cool the building.

Silent Gliss fabrics achieve another effect during the winter. It is widely acknowledged that up to 50% of heat energy escapes through windows. The insulation properties of the Silent Gliss fabrics can contribute towards reducing heat loss and costs.

 Fabrics with high reflexion.

 Fabrics with very high reflexion.



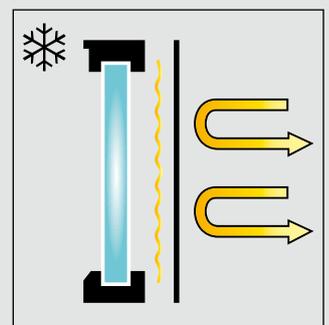
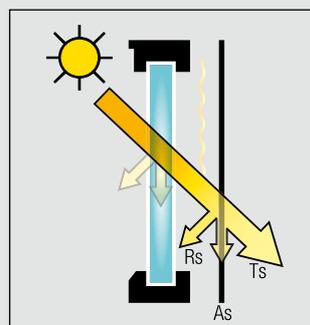
Noticeable benefits

- Energy savings in summer
- Energy savings in winter
- Lower heating and cooling costs
- Nicier temperatures for better living and working comfort

Worth knowing

If selected properly, textile window hangings prevent a room heating up too much in summer.

In combination with the appropriate systems, Silent Gliss fabrics also contribute to saving energy costs in winter. Curtains, roller blinds or other systems on windows can prevent cold from creeping in and keep the warmth of the heating inside the room.





Room Acoustics



How comfortable we feel in a room is closely related to the room's acoustics. Rooms with poor acoustics give the space an uneasy feel and seem cold. Noise levels rise as soon as several people start talking in the room, which makes comprehension difficult. The productivity and concentration of the people in the room suffer as a result.

Silent Gliss has a broad range of systems and fabrics to improve a room's acoustic quality.

 Tested according to ISO / EN standard. Suitable for acoustic planning.

 Fabric specially developed for specific acoustic needs and requirements.

Benefits

- Noise reduction
- Easier speech comprehension
- Better cognitive performance and communication between the people in the room
- Less fatigue among people in offices

α_w value

Reference value for describing the acoustic effectiveness of a material.

Value 0 (or 0%) = no noise absorption (e.g. glass / concrete)

Value 1 (or 100%) = full noise absorption

α -W-value	acoustic absorption class
0.90–1.00	A
0.80–0.85	B
0.60–0.75	C
0.30–0.55	D
0.15–0.25	E
0.00–0.10	unclassified

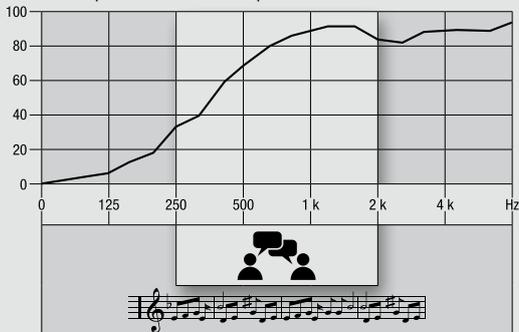




Worth knowing

Our hearing is particularly sensitive in a frequency range between 250 Hz and 2,000 Hz, which is equivalent to that of human speech. The acoustically effective Silent Gliss curtain textiles focus on this range, making them particularly effective.

% Example: Sound absorption of Silente 20



Acoustically effective fabrics have the reputation of being particularly thick and heavy. This is certainly not the case with the latest generation of Silent Gliss acoustic fabrics. Not only do they have a high acoustic value, they are also very transparent and delicate.



Sustainability



Sustainability means giving ecological, social and economic factors equal consideration when making decisions.

Silent Gliss has the products and offers the advisory competence to put truly sustainable solutions into practice. For example, fabrics made from recycled PET bottles which help save energy in addition to optimising the incidence of light.

 Fabrics supported by at least one ecological certification (e.g. Oeko-Tex®, Greenguard®).

 Fabrics with distinct characteristics which support the goals of a sustainable building.



The Silent Gliss sustainability promise

- All fabrics fulfil high ecological standards
- Fabrics developed specifically according to sustainability criteria
- High-quality advice to meet individual requirements
- Declarations to make administration easier for architects and planners in LEED and/or DGNB projects

Application area

Using the example of LEED and BREEAM, the following listing shows which areas Silent Gliss systems and/or fabrics contribute to the goals of system certification.

If support for other systems such as DGNB (DE) or Minergie (CH) are required, please contact Silent Gliss.

LEED 2009 for New Construction and Major Renovations

Valuation Area	Assessment Criteria	Silent Gliss Contribution
Sustainable Sites	Credit 8 Light Pollution Reduction	
Energy and Atmosphere	Optimise Energy Performance	
Materials and Resources	Recycled Content Regional Material (evtl.)	
Indoor Environmental Quality	Low-Emitting Material Controllability of Systems - Lighting - Thermal comfort Thermal Comfort Design daylight views	
Innovation and Design process	Innovation in Design: Recycled Content	specific fabrics

BREEAM for offices and hotels

Valuation Area	Assessment Criteria	Silent Gliss Contribution
Health and Well-being	Daylight Occupant thermal comfort Acoustics Indoor air quality Lighting quality	   
Pollution	External light pollution	
Energy	CO ₂ Emissions Energy Efficiency	  



Monte Rosa SAC Lodge, Zermatt, Switzerland, Minergie (© ETH Zürich / Tonatiuh Ambrosetti)

Worth knowing

More and more buildings worldwide are engineered and tested according to sustainable criteria. The most well-known “Green building” rating systems are the English BREEAM and the American LEED.

Both are the inspiration for many national systems, yet the certification systems are tied regionally and differ in their basis of evaluation. The common goal to test and promote economical, social and ecological compatible buildings unites the various systems around the world.



Digital Print and Laser Cut



For the ultimate in customisation, Silent Gliss offer a professional digital print and laser cutting service. There really is no limit to your creativity or imagination.

A souvenir photo from a recent holiday, a nature theme or a company logo or product, any of these images can be produced professionally printed on a blind. Or alternatively consider your own pattern or laser cut design incorporated into a fabric.





Worth knowing

The best results are achieved if printed fabrics are used with the following systems:

-  Roller blind system
-  Panel glide system
-  Panel glide system, curved
-  Vertical blind system

If you can't find the exact colour of fabric you need then Silent Gliss can print any Pantone colour onto a fabric – total individuality!



www.silentgliss-collection.com