



SCREEN BLINDS



...protect your privacy.



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... protect your privacy.

Purchase highly efficient, aesthetic and modern screening technology – ISOTRA screen blinds. The blinds will ensure a pleasant interior temperature and optimal light conditions for work as well as relaxation; in the summer, the blinds will reduce the cost of air conditioning, while in the winter they will reduce the flow of cold air to the window glazing, substantially enhancing the building's insulating properties.

The production technology of fabrics for these timeless shades ensures their high resistance to external influences such as wind or changes in temperature and humidity.

According to the type, you can select a blind with a cover moulding or a light-weight version without the cover moulding; both versions are available with side guidance by a cable or by a guide rail. The screen roller blind with a zip system tension the fabric perfectly due to the stainless steel spring loaded in the guides.

ADVANTAGES AND BENEFITS OF SCREEN BLINDS

SIMPLE, STYLISH AND MODERN APPEARANCE,

WIDE SELECTION OF ALTERNATIVE FABRICS FOR THE INTERIOR AND THE EXTERIOR,

VARIABLE THERMAL AND OPTICAL PROPERTIES OF THE FABRICS,

MAXIMUM REDUCTION OF SOLAR PENETRATION,

PROTECTION AGAINST INSECTS AND ADVERSE EXTERNAL CONDITIONS,

OPTION OF ELECTRIC CONTROL.

A POSSIBILITY OF SOLAR POWERING



SCREEN ALFA-ZIP
SCREEN ALFA PLUS-ZIP



SCREEN HR7



SCREEN HR8-ZIP



SCREEN HR10-ZIP



SCREEN ZIP



SCREEN ZIP ECONOMY



SCREEN GW



SCREEN LITE



SCREEN SKY

LEGEND



crank



remote control



switch



handle



Tahoma

ISOTRA Quality

A mark symbolising long tradition, inestimable investment into development, the use of quality materials, state-of-the-art technologies, reliable work from hundreds of employees and numerous other parameters, constituting one entity – the final product of ISOTRA.



ISOTRA SCREEN ALFA-ZIP

ISOTRA SCREEN ALFA PLUS-ZIP

ALFA and ALFA PLUS screen blinds developed by ISOTRA provide maximum protection against sunlight, heat penetration, and at the same time ensure an optimal level of natural light in the interior. The uniqueness of the ALFA and ALFA PLUS screen blinds is their use in pergolas, where they can be easily installed using a special mounting profile.

These blinds have a special system of slats, which ensure high wind resistance and keep the fabric perfectly taut and in its place in the

guide rails. The box can be anchored using mounting brackets that match the design of the box.

ALFA and ALFA PLUS screen blinds offer practical protection against insects, as the space between the box, the guide rails and the fabric is completely closed. Both of these blinds have a wind resistance class 6 and with the help of one piece of blinds you can shade an area of up to 15 m² / 12 m², depending on the selected type of screen blind.

Compared to the ALFA screen blind, the ALFA PLUS screen blind offers the possibility of a larger width, up to 4.8 m. It also differs by the bottom slat.

Type	Version	Width (mm)		Height (mm)		Guaranteed area (m ²)
		min.	max.	min.	max.	max
ALFA-ZIP	engine	795	4 200***	400	3 500**,***	15
	crank	400	3 900***	400	3 500**,***	8
	solar system*	595	3 200	400	3 500	8
ALFA PLUS-ZIP	engine	795	4 800	400	2 500	12

The values apply to the box size of 110 mm.

* squared box only.

** for fabrics Satiné BO, Soltis 92 BO, SCR 4005 max. height 2 600mm

*** For the Alfa-ZIP self-supporting roller shutter, the maximum width is 3 500 mm (engine, crank) or 3 200 mm (solar system) and the maximum height is 3 000 mm.

Advantages and benefits

- Special mounting profile for pergolas.
- 2 types of modern boxes: classic squared or modern rounded, both types available in 2 sizes
- balanced bottom rail for guiding and tensioning the fabric.
- wind resistance class 6.
- simple and quick installation.
- guaranteed area up to 15 m² for ALFA-ZIP, 12 m² for ALFA PLUS-ZIP.
- a possibility of binding 3 roller blinds for ALFA-ZIP.
- a possibility of solar powering for ALFA-ZIP.
- a possibility of self-supporting Alfa-ZIP screen roller shutter.

Control for ALFA-ZIP



Control for ALFA PLUS-ZIP



Installation options

Screen roller blind ISOTRA SCREEN ALFA-ZIP/ ALFA PLUS-ZIP can be mounted into the window socket (ceiling), in front of the window (wall) or by the special mounting profile (into the pergola).

Basic colours

available for the profiles and guide rails

● RAL 9006 light silver	○ RAL 9010S white structure	● RAL 8014M brown matte
● RAL 9006S light silver structure	● RAL 7012 basalt grey	● RAL 8014S brown structure
● RAL 9007 dark silvere	● RAL 7016 anthracite grey	● DB 702 pearl light grey
● RAL 9007S dark silvere structure	● RAL 7016M anthracite grey matte	● DB 703 pearl dark grey
○ RAL 9010 white	● RAL 7016S anthracite grey structure	
○ RAL 9010M white matte	● RAL 7021 black-grey	

Solar system for ALFA-ZIP

- Ecological and energetically the most economical solution of roller blind drive.
- independence of installation upon the electric energy access.
- comfortable remote control with the choice of any semi-position of the roller blind.
- the propulsion consumes the energy only when it really needs and it was tested by 10 000 cycles – this ensures its extensive lifetime.
- the drive thwarts the hostile opening of the roller blind and therefore protects it from unauthorized penetration.
- the roller blind detects an obstacle and stops automatically.
- if the bottom rail freezes up, the drive stops automatically
- quick and simple installation, without effects on interior.
- running temperature of battery from -20 °C to +70 °C.
- the solar panel supplies the energy even by the cloudy sky.





ISOTRA SCREEN HR7

Would you like all the convenience of a screen without intrusive installation work? Then the screen HR7 is simple to install on any window profile or facade and keeps out excess sunlight and heat. The HR7 screen is ideal for passive houses because the building shell need not be perforated. Add to that the extra durability of the fabrics, and you will be satisfied for many years to come. Whether you opt for a modern or classic box design.

The box, bottom lath and guide rails are made of extruded aluminium with a powder coating. The weighted bottom lath is available in 2 depths - low and high. The screens can be coupled and used 1 box for 2 or 3 screens.

The unique technology reduces the friction between fabric and box. The fabric slides out of the box more smoothly, causing virtually no wear and tear to the canvas. Year after year, your fabric will look as good as new.

Version	Width (mm)		Height (mm)		Guaranteed area (m ²)
	min.	max.	min.	max.	
motor	685	3 500	400	4 000*	14
handle	400	3 500	400	3 000*	10

The values apply to the box size of 110 mm.

* for fabrics Satiné BO, Soltis 92 BO, SCR 4005 max. height 2 600mm

Advantages and benefits

- Choice of 2 box designs: square box for austere architecture or rounded box for more traditional buildings, both types available in 3 sizes.
- weighted bottom lath to guide and tension the fabric,
- wind class 2,
- option of coupled screen up to 3 pcs,
- choice of 2 fitting options: with guiding wire or guiding channel.
- easy assembling,
- area of up to 14 m² in 1 part.

Control



Installation options

The ISOTRA SCREEN HR7 blind can be installed in the window opening (ceiling) or in front of the window opening (wall).

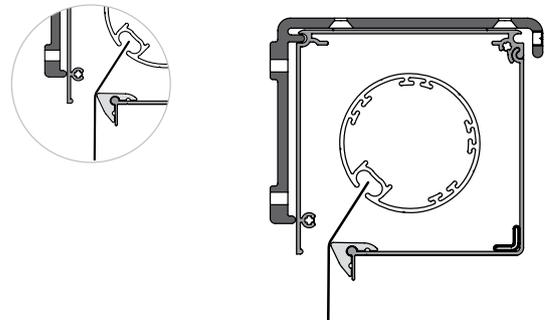
Basic colours

available for the profiles and guide rails

- RAL 9006 light silver
- RAL 9007 dark silver
- RAL 9010 white
- RAL 7016 anthracite grey
- RAL 7016 anthracite grey structure
- RAL 8014 brown



Xglide technology





ISOTRA SCREEN HR8-ZIP

Are you looking for an extremely robust screen but also want to keep insects out? Then the screen HR8-ZIP meets both requirements. This screen has a unique track system which makes it wind-proof and keeps the fabric perfectly tensioned and in position in the guide rails.

The HR8-ZIP screen offers practical protection against insects as the space between the box, the guide rails and the fabric is completely sealed off. The box is assembled in a decent position in front of the window, so the building shell is not perforated and the house insulation remains intact. The ZIP system is unique thanks to the hidden stainless spring in the guide rail. The spring does not wear and so the fabric remains taut for longer. You can use this screen - which complies with wind resistance class 3 - to screen an area of up to 18 m² with a single piece of screen.

Version	Width (mm)		Height (mm)		Guaranteed area (m ²)
	min.	max.	min.	max.	
motor	795	3 800	400	3 500**	13
handle	400	3 500	400	3 500**	10
solar system*	595	2 500	400	3 000**	7,5

The values apply to the box size of 110 mm.

* squared box only. ** for fabrics Satiné BO, Soltis 92 BO, SCR 4005 max. height 2 600 mm

Advantages and benefits

- Perfect for passive construction: the building shell is not perforated,
- fabrics remain taut for longer, thanks to the innovative ZIP system with metal spring,
- choice of 2 box designs: modern or classic, both types available in 4 sizes,
- possibility of coupling up to 3 pcs of screen roller blinds,
- wind resistance class 3,
- guaranteed area 18 m²,
- a possibility of solar powering.

Control



Installation options

The ISOTRA SCREEN HR8-ZIP blind can be installed in the window opening (ceiling) or in front of the window opening (wall).

Basic colours

available for the profiles and guide rails

- | | | |
|------------------------------------|---------------------------------------|-----------------------------|
| ● RAL 9006 light silver | ○ RAL 9010M white matte | ● RAL 8014M brown matte |
| ● RAL 9006S light silver structure | ○ RAL 9010S white structure | ● RAL 8014S brown structure |
| ● RAL 9007 dark silvere | ● RAL 7016 anthracite grey | ● DB 702 pearl light grey |
| ● RAL 9007S dark silvere structure | ● RAL 7016M anthracite grey matte | ● DB 703 pearl dark grey |
| ○ RAL 9010 white | ● RAL 7016S anthracite grey structure | |

Solar system

- Ecological and energetically the most economical solution of roller blind drive,
- independence of installation upon the electric energy access,
- comfortable remote control with the choice of any semi-position of the roller blind,
- the propulsion consumes the energy only when it really needs and it was tested by 10 000 cycles – this ensures its extensive lifetime,
- the drive thwarts the hostile opening of the roller blind and therefore protects it from unauthorized penetration,
- the roller blind detects an obstacle and stops automatically,
- if the bottom rail freezes up, the drive stops automatically
- quick and simple installation, without effects on interior,
- running temperature of battery from -20 °C to +70 °C,
- the solar panel supplies the energy even by the cloudy sky.





ISOTRA SCREEN HR10-ZIP

Modern solution for strict energy performance and indoor climate requirements for passive and low-energy dwellings – concealing screen roller blinds HR10-ZIP meets all this.

Screen roller blind HR10-ZIP has been made invisible, due to the box hidden in the cavity in the front of the window. The building shell is not perforated, there is no thermal bridge, and it does not affect the plaster or paintwork. The bottom lath is fully integrated, which means that in the retracted position the screen is invisible from the outside of your home. That also delivers a sleek look and excellent protection for your fabric against wind and weather.

The assembly of all system is very easy. Would you like a new screen fabric? This can be done very efficiently and easily from the bottom by simply extending the fabric roll and motor.

Version	Width (mm)		Height (mm)		Guaranteed area (m ²)
	min.	max.	min.	max.	max
motor	655	4500	501	4500	14

Advantages and benefits

- The box integrated in the cavity wall in the front of the window,
- no perforation of the building shell,
- fully integrated bottom lath in retracted position,
- ideal for passive construction and energy-neutral living,
- wind resistance class 3.



Control



Basic colours

available for the profiles and guide rails

● RAL 9006 light silver

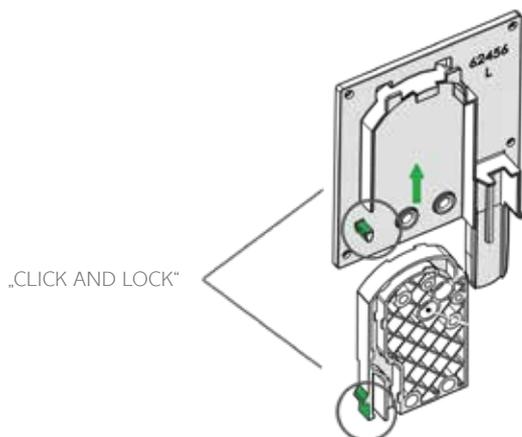
● RAL 9007 dark silver

○ RAL 9010 white

● RAL 7016 anthracite grey

● RAL 7016 anthracite grey structure

● RAL 8014 brown





ISOTRA SCREEN ZIP

The ISOTRA SCREEN ZIP fabric blind is a unique screen system. Thanks to special guidance of the fabric in the side moulding, the SCREEN ZIP substantially increases the blind's resistance to wind, partially replaces an insect screen in the closed position, and provides very effective blackout if the respective blackout fabric is used.

By selecting the Satiné (PVC-coated fibreglass) or Soltis (PVC-coated polyester fibre) industrial fabric, you will acquire maximum protection against solar radiation and penetration of heat, while preserving the optimal level of natural light in the interior and contact with the environment. The incorporated motor drive underscores the modern design of the system and its overall comfort.

The ISOTRA SCREEN ZIP represents leading technology in the area of screen blinds and complements the technological concept of passive buildings the field of screening.

Version	Width (mm)		Height (mm)	
	min.	max.	min.	max.
motor	800	4 500	500	3 000
handle	500	4 500	500	3 000

Advantages and benefits

- Decorative and modern building exterior element;
- minimal penetration of light thanks to absolute fabric tension;
- wind resistance class 3;
- heat regulating effect;
- insect protection in closed position;
- frame colour as per the RAL chart (except of plastic parts).
- electric control.

Control



Installation options

The ISOTRA SCREEN ZIP fabric blind can be installed in the window opening (ceiling) or in front of the window opening (wall).

Basic colours

available for the profiles and guide rails

- RAL 9006 light silver
- RAL 9007 dark silver
- RAL 7016 anthracite grey

ZIP system

A unique fabric fastening system. The screen fabric is equipped with the special ZIP system, which enables perfect attachment, tensioning and guidance in the guide rails. This appliance provides for a highly stable and durable system against the wind.

Fabric groups recommended for the ZIP system

- Satiné
- Satiné Blackout
- Satiné Metal
- Soltis 92





ISOTRA SCREEN ZIP ECONOMY

The ISOTRA SCREEN ZIP ECONOMY complements the established ISOTRA SCREEN ZIP system. It is a modern and cost-effective possibility of perfect shading of windows at buildings of all types, while increasing the comfort of living and achieving energy savings. You do not have to be afraid of sudden weather changes. The enclosed screen system protects the house from wind, rain and other adverse weather effects, even when the windows are open.

The ISOTRA SCREEN ZIP ECONOMY is intended for the shading of both the exterior and the interior. A wide selection of colour shades of a special textile fabric, highly resistant to the effects of environment, allows influencing the final look of single-family houses, administrative as well as technical buildings. When closed, the SCREEN ZIP system partially replaces an insect screen and reduces the flow of dust and allergens to the interiors. The in-built motor drive ensures high user standard.

Version	Width (mm)		Height (mm)	
	min.	max.	min.	max.
motor	800	4 000	500	3 000

Advantages and benefits

- Modern and stylish element of both the exterior and the interior of buildings.
- minimum light transmission thanks to the absolute fabric tension.
- wind resistance class 3.
- thermal regulation effect.
- insect protection when closed.
- frame colour finish according to the RAL char.
- cost-effective variant of the SCREEN ZIP model.
- motor controls.

Control



Installation options

The ISOTRA SCREEN ZIP ECONOMY roller blind is installed to the wall in front of the window opening or to the window frame with only the front installation of guide bars.

Basic colours

available for the profiles and guide rails

- RAL 9006 light silver
- RAL 9007 dark silver
- RAL 7016 anthracite grey

ZIP system

A unique fabric fastening system. The screen fabric is equipped with the special ZIP system, which enables perfect attachment, tensioning and guidance in the guide rails. This appliance provides for a highly stable and durable system against the wind.

Fabric groups recommended for the ZIP system

- Satiné
- Satiné Blackout
- Satiné Metal
- Soltis 92



ISOTRA SCREEN GW

The ISOTRA SCREEN GW blind is a modern screening element with an attractive design providing buildings a stylish, simple and modern appearance.

The ISOTRA SCREEN GW can be used for the screening of the interior or the exterior of administrative buildings as well as family houses. In the basic version, we offer a screen blind with a cover moulding

and the possibility of side guidance by a cable or by a guide rail. The fabrics for these modern screen blinds are offered in several alternatives of material composition according to the purpose of use – fibreglass, PVC and polyester, including blackout-type fabrics. The selected material types and their combinations ensure excellent resistance to weather conditions.

The ISOTRA SCREEN GW blind is a technical but highly aesthetic screening solution.

Version	Width (mm)		Height (mm)	
	min.	max.	min.	max.
handle	500	4 000	500	3 800
motor	800	4 500	500	3 800

Advantages and benefits

- Simple, modern and stylish appearance;
- screening of both the interior and the exterior areas;
- alternative material composition of fabrics;
- side guidance by a cable or by a guide rail;
- possibility of electric control;
- wind resistance class 3.
- frame colour as per the RAL chart

Control



Installation options

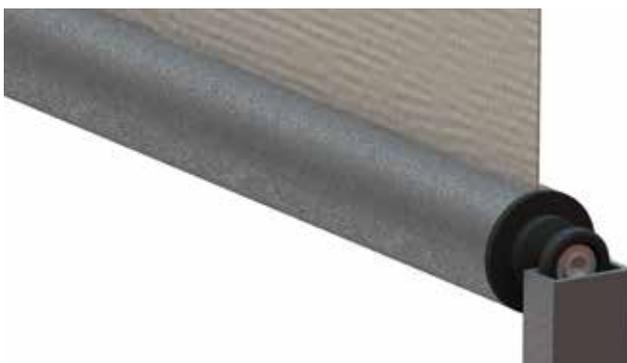
The ISOTRA SCREEN GW blind can be installed in the window opening (ceiling) or in front of the window opening (wall).

Basic colours

available for the profiles and guide rails

- RAL 9006 light silver
- RAL 9007 dark silver
- RAL 7016 anthracite grey

Design variants



PRODUCT MODEL WITH A GUIDE RAIL



PRODUCT MODEL WITH A CABLE



ISOTRA SCREEN LITE

The ISOTRA SCREEN LITE is a “light-weight version” of the ISOTRA SCREEN GW blind. In the basic version, the screen blind is provided with side guidance by a cable or by a guide rail, but without the cover moulding.

The design of the ISOTRA SCREEN LITE helps create the interior atmosphere and adds attractive features to the architectural appearance of a building.

It is possible to select manual or motor control. The fabrics for these modern screen blinds are offered in several alternatives of material composition according to the intended use – fibreglass, PVC, polyester, including blackout-type fabrics. The selected material types and their combinations ensure excellent resistance to weather conditions.

Thanks to a wide selection of fabrics and designs, the ISOTRA SCREEN LITE blind represents an excellent price alternative for interior or exterior use and allows the regulation of thermal conditions in the interior.

Version	Width (mm)		Height (mm)	
	min.	max.	min.	max.
handle	500	4 000	500	3 800
motor	800	4 500	500	4 000

Advantages and benefits

- Light-weight variant without the cover moulding;
- cost-effective alternative to the SCREEN ZIP and SCREEN GW models;
- screening of both the interior and the exterior areas;
- side guidance by a cable or by a guide rail;
- possibility of electric control,
- wind resistance class 3,
- frame colour as per the RAL chart (except of plastic parts).

Control



Installation options

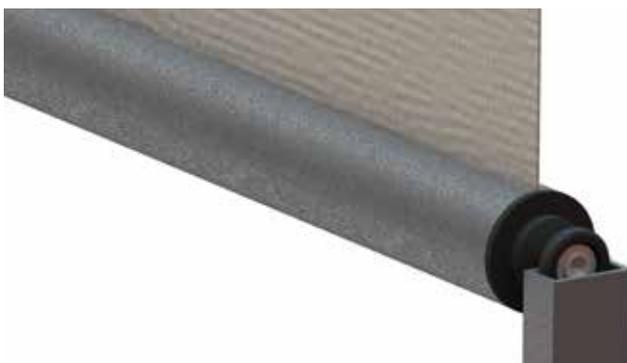
The ISOTRA SCREEN LITE blind can be installed in the window opening (ceiling) or in front of the window opening (wall).

Basic colours

available for the profiles and guide rails

- RAL 9006 light silver
- RAL 9007 dark silver
- RAL 7016 anthracite grey

Design variants



PRODUCT MODEL WITH A GUIDE RAIL



PRODUCT MODEL WITH A CABLE



ISOTRA SCREEN SKY

The ISOTRA SCREEN SKY roller blind is a modern variant of roof window shading, protecting the attic from overheating during the summer and preventing heat loss during the winter. It also protects the window from damage caused by weather, dampens noise from rain and provides sufficient privacy in the attic.

The ISOTRA SCREEN SKY is intended for exterior shading. Thanks to its unique design, the blind becomes an inseparable part of modern architecture and an important design element. The screen fabric consists of PVC-coated fibre glass, ensuring its high durability against environmental effects like wind or changes in temperature and humidity. Proper fabric selection will allow you to obtain excellent control of light penetration, while having visual contact with the surroundings. The roller blind does not impair the window functions when drawn.

Version	Width (mm)		Height (mm)	
	min.	max.	min.	max.
handle	400	1 200	500	1 600

Advantages and benefits

- Effective protection from light and heat radiation,
- protection against weather and outside noise,
- full functionality in any position of the casement,
- wind resistance class 2,
- wide selection of fabrics with various levels of light transmittance.

Control



Installation options

The ISOTRA SCREEN SKY roof roller blind is installed by attaching the box to the flashing of the roof window upper frame.

Basic colours

available for the profiles and guide rails

- RAL 9006 light silver
- RAL 9007 dark silver
- RAL 7016 anthracite grey
- RAL 8014 Sepia brown

Product details



SECURING THE LOWER FRAME



BOX

SCREEN FABRICS

Intended for the screen systems, Satiné, Soltis and SCR 3005 industrial fabrics are specially designed to provide maximum protection against solar radiation and the penetration of heat while preserving an optimal level of natural light in the interior. Fabrics for these modern screen blinds are offered in several alternatives of material composition according to the purpose of use – fibreglass, PVC, polyester, including blackout-type fabrics.

SATINÉ

PVC-coated fibreglass provides excellent dimension stability, protection against fire and chemicals, UV stability and excellent resistance to weather conditions.

In the basic version, the fabric is composed of 42% fibreglass and 58% PVC coating (except for the blackout-type fabrics).

The SCREEN NATURE fabrics are of a special composition: they are made of 100% fibreglass without PVC and halogens – they meet high requirements for ecology with minimum environmental impacts, for the protection of health, safety and flame resistance (A2, M0).

- SATINÉ
- SATINÉ BLACKOUT
- SATINÉ METAL
- SCREEN NATURE

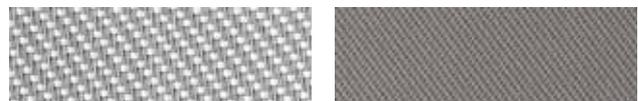


Note: selected shades of the SATINÉ

SERGE

Specifically weaved screen fabrics, that are very flexible and therefore suitable to interiors as well as exteriors. They consist of 58,8 % PVC and 41,5% glass fibre.

- SERGE



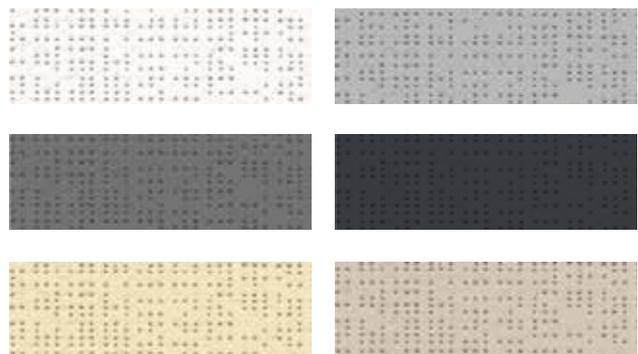
Note: selected shades of the SERGE

SOLTIS

The material is made from a fabric woven from a high-strength polyester fibre, with surface treatment by pigmented PVC. The material is pre-stressed using the Precontraint technology in two directions, ensuring high dimensional stability and strength.

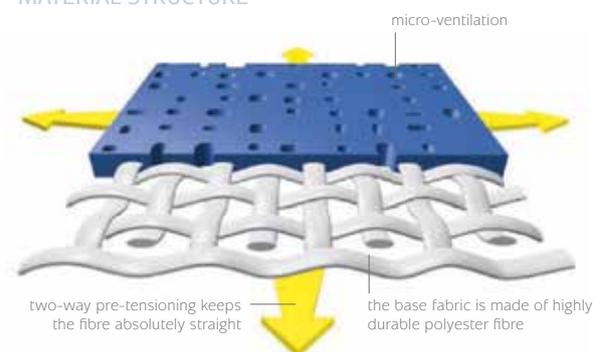
Further advantages of the material include excellent heat-insulating properties, optimal visual and lighting properties, colour fastness (UV-stability), and flame resistance (B1, M1).

- SOLTIS 92
- SOLTIS 92
- SOLTIS 99
- SOLTIS B92
- SOLTIS B99



Note: selected shades of the SOLTIS 92

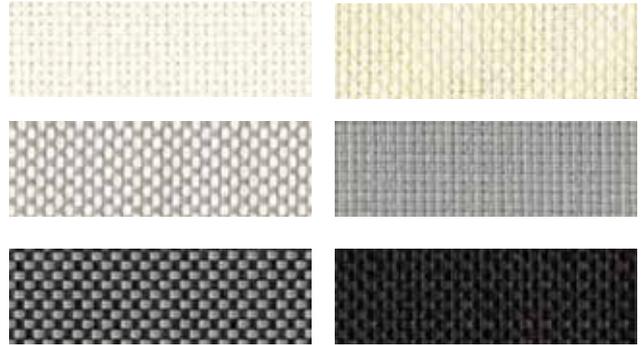
MATERIAL STRUCTURE



SCR 3005

The SCR 3005 screen fabrics, composed of 30% polyester fibre and 70% PVC, offer a wide variety of interior fabrics meeting basic requirements for functionality, design, thermal and optical comfort.

■ SCR 3005

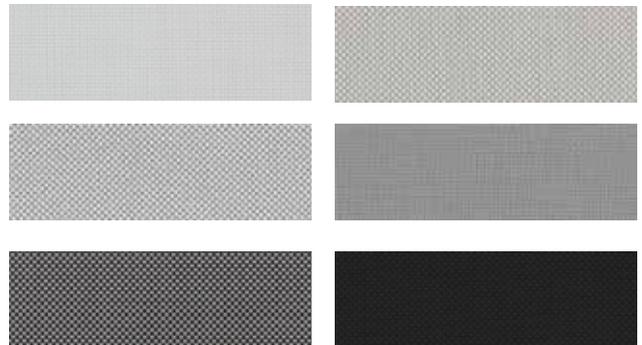


Note: selected shades of the SCR 3005

SCR 4005

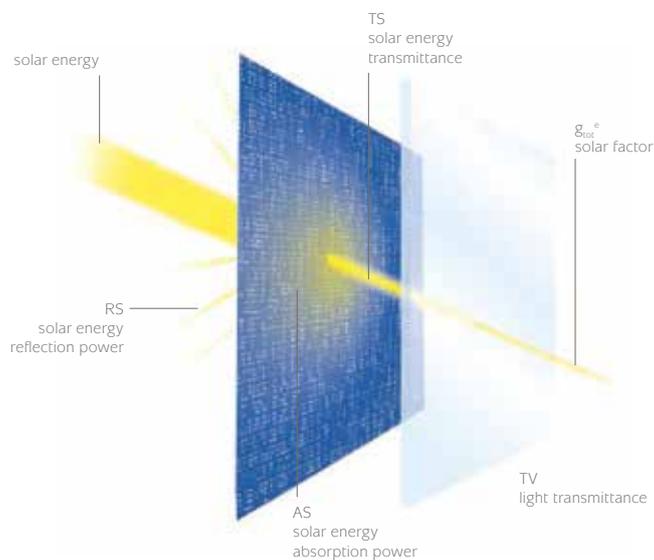
The SCR 4005 collection offers screen materials for interiors and outdoor use. The material combines 70% PVC and 30% polyester. Fireproof fabrics are made of high quality polyester yarns that provide additional strength and greatly absorb the noise.

■ SCR 4005



Note: selected shades of the SCR 4005

THERMAL AND OPTICAL FACTORS





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