

The logo for ISOTRA, featuring the word "ISOTRA" in white capital letters on a red rectangular background. The letter "O" is replaced by a stylized globe icon with horizontal lines.A close-up, low-angle shot of a dark grey screen blind. The blind is partially unrolled, showing the dark, textured fabric and the smooth, curved top rail. The background is a bright, out-of-focus window with light streaming through, creating a soft, ethereal glow.

SCREEN  
BLINDS

*...protect your privacy.*



# SCREEN BLINDS

*... protect your privacy.*

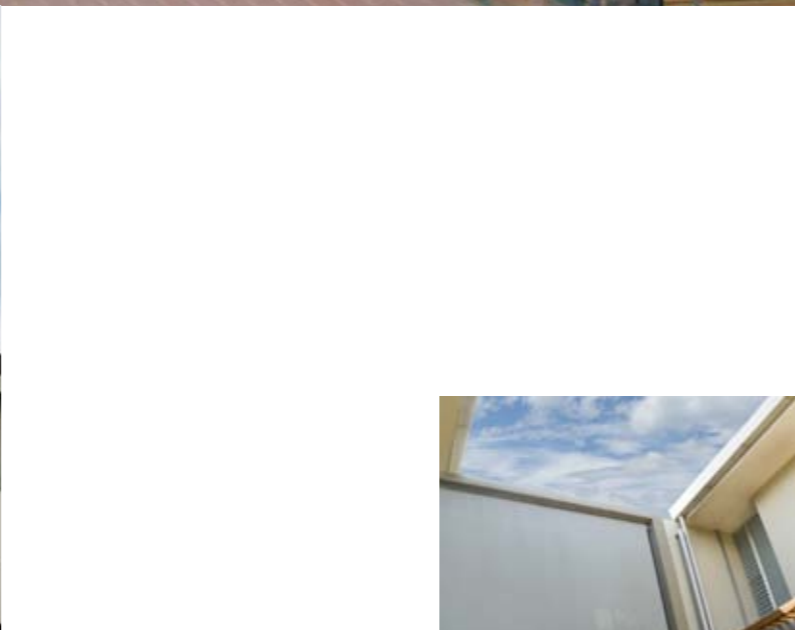
Purchase highly efficient, aesthetic and modern screening technology – ISOTRA screen blinds. The blinds will ensure a pleasant interior temperature and optimal light conditions for work as well as relaxation; in the summer, the blinds will reduce the cost of air conditioning, while in the winter they 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. Screen blinds with a zip system lock the fabric in the lower position, which ensures that the fabric is fully tensioned.

## 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.



### LEGEND

-  crank
-  remote control
-  switch
-  handle

### 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 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;
- high resistance to wind;
- 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,
- high wind resistance,
- 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;
- frame colour as per the RAL chart (except of plastic parts).

## Control



## Installation options

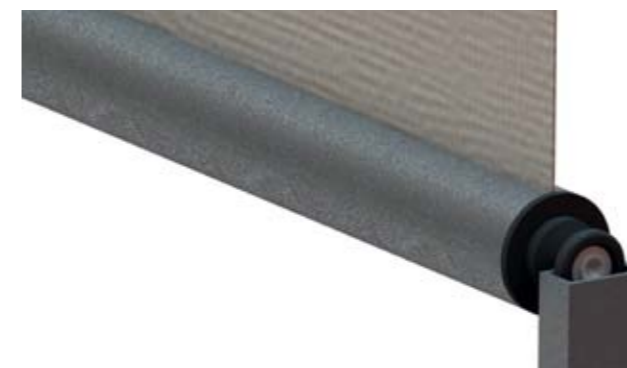
The ISOTRA SCREEN GW blind can be installed in the window opening (ceiling) or in front of the window opening (wall).

## 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,
- frame colour as per the RAL chart (except of plastic parts).

## Control



## Installation options

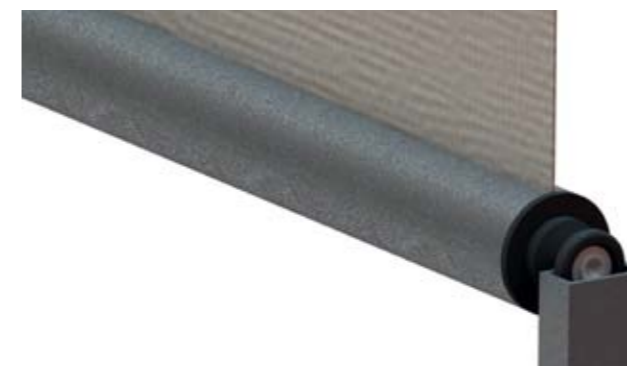
The ISOTRA SCREEN LITE blind can be installed in the window opening (ceiling) or in front of the window opening (wall).

## Basic colours

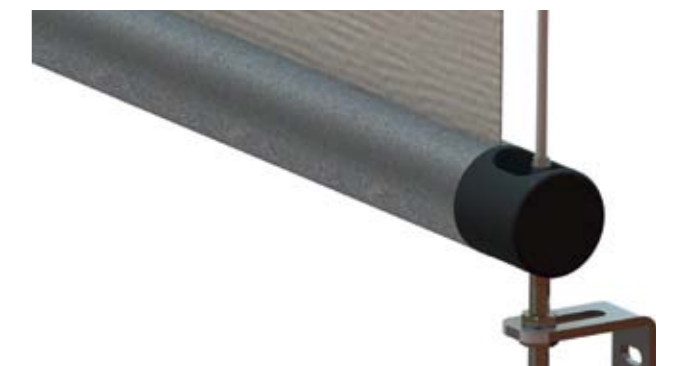
available for the profiles and guide rails

- 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,
- 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



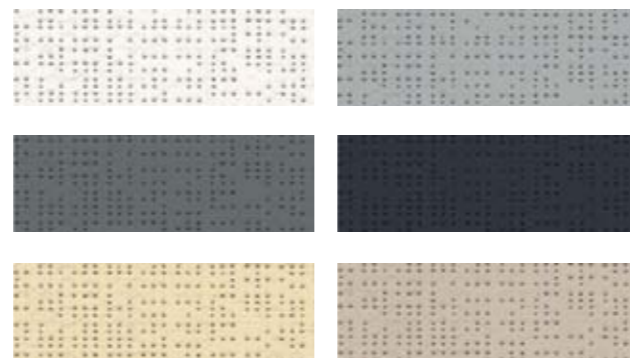
Note: selected shades of the SATINÉ

## 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 Preconstraint technology in two directions, ensuring high dimensional stability and strength.

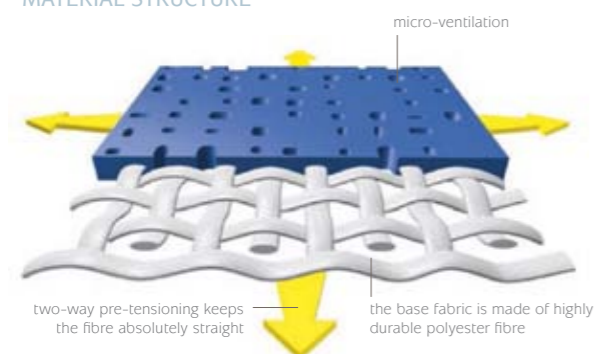
Further advantages of the material include excellent heat-insulating properties, optimal visual and lighting properties, colour fastness (UV-stability), and flame resistance (B1, M1).

- SOLTIS 92



Note: selected shades of the SOLTIS 92

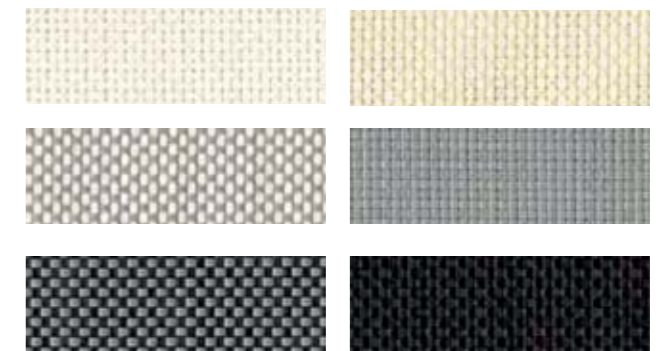
### MATERIAL STRUCTURE



## SCR 3005

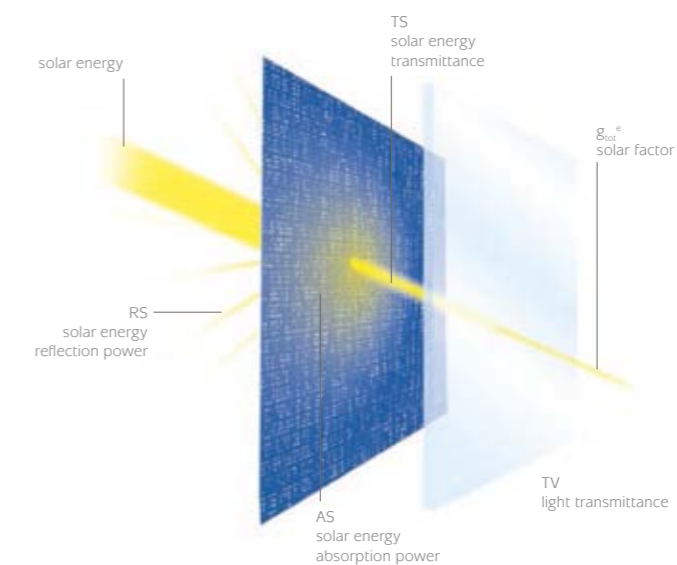
The SCR 3005 screen fabrics, composed of 30% polyester fibre and 70% PVC, offer a wide variety of interior fabrics meeting basic requirements for functionality, design, thermal and optical comfort.

- SCR 3005



Note: selected shades of the SCR 3005

## THERMAL AND OPTICAL FACTORS







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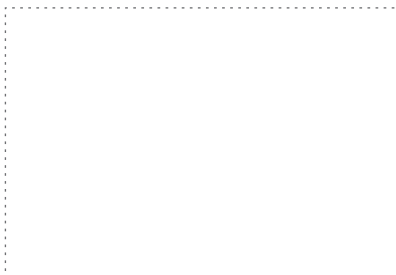
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