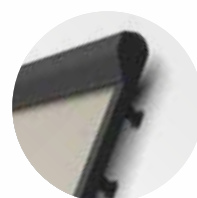




# SHADING FOR WINTER GARDENS AND PERGOLAS



HRV52



HRV08-ZIP



HRV80-ZIP



HRV80-ZIP-2P

*...protect your privacy.*

# SHADING FOR WINTER GARDENS AND PERGOLAS

For winter gardens or pergolas shading we offer ideal roller blinds Veranda which bring optimal comfort and climate in winter garden during the whole year. Verandas not only allow thermo-regulation but also sunlight regulation and therefore protect you against unbearable heat and interior against fading.

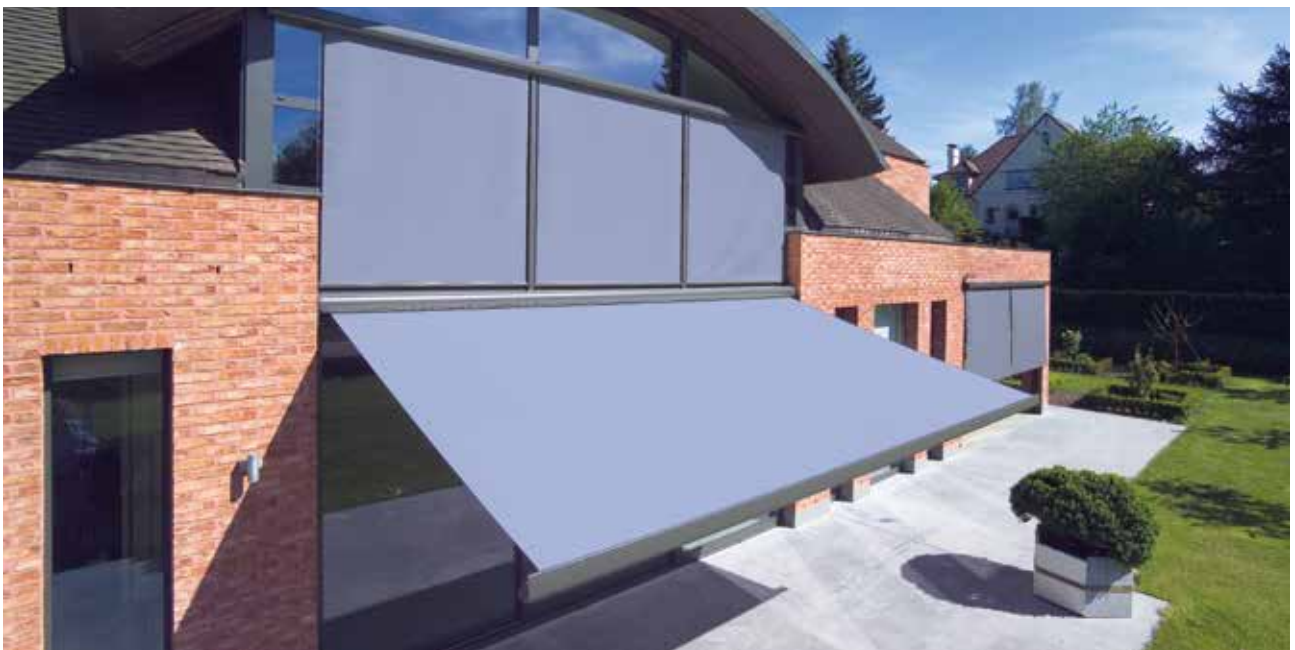
Roller blind Veranda is a combination of high quality material and modern design. It is suitable for mounting on whichever winter garden or pergola construction. Whole system is produced from corrosion resistant materials and the fabric is fully hidden in the box in closed state. In opened state the fabric is kept in sufficient distance from the glass thanks to guiding rails and spring system which keeps the fabric in constant tension.

**Veranda HRV52** is especially designed for mounting above winter garden or pergola. Main function of this shading type is to avoid sunlight transfer to the glass from where it is spread throughout the whole interior. Air space is created between guiding rails and the fabric therefore sufficient air circulation is ensured.

**Veranda HRV08-ZIP** is equipped with zip system which ensures the fabric stays properly stretched in every position of bottom profile and avoids fabric slip out from guiding rails. Zip is sewed on the fabric on sides which fits into plastic profile inserted in aluminum guiding rail.

**Veranda HRV80-ZIP** allows regulation of the sunlight penetration to the rooms, avoiding unpleasantly high amount of light and heat. The fabric is protected by being rolled in the box which is closed by the bottom profile in retracted position. Thanks to this feature, the fabric colours will remain bright for many years. This new solution to veranda shading is now more elegant and slimmer, with remarkable properties.

**Veranda HRV80-ZIP-2P** is an elegant solution thanks to which you can enjoy staying at your terrace, pool, or garden even longer. Discover clean design combined with perfect comfort. The super-thin guide rail, neat box, and slim stands give this veranda refined appearance.





## FEATURES AND ADVANTAGES

SHADES INSIDE AND OUTSIDE GLASS SURFACES - HORIZONTAL, VERTICAL AND SLOPED

ELEGANT AND TIMELESS DESIGN

CREATES OPTIMAL THERMO REGULATION

COUNTLESS OPTIONS

STRETCHED FABRIC DUE TO UNIQUE ZIP SYSTEM

2 MOUNTING OPTIONS: FROM INTERIOR OR EXTERIOR

POSSIBILITY TO INSTALL LED LIGHTING

LEGEND



switch



remote control



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 hundredsof employees and numerous other parameters, constituting one entity – the final product of ISOTRA.*



# VERANDA HRV52

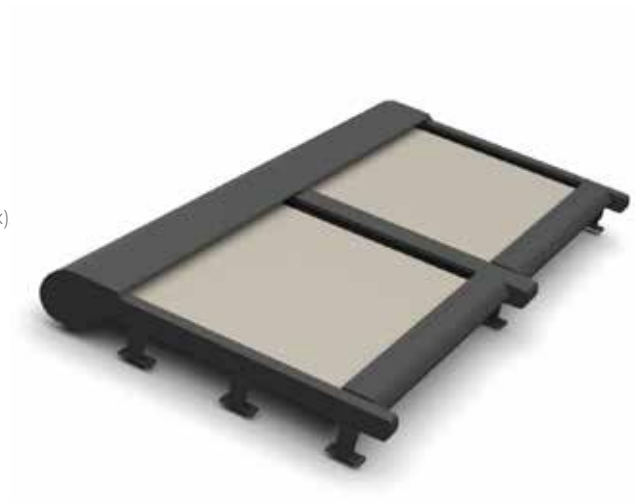
Veranda HRV52 is especially designed for mounting above winter garden or pergola. Main function of this shading type is to avoid sunlight transfer to the glass. Air space between glass and fabric allows sufficient air circulation is ensured and there is no heat accumulation.

Veranda HRV52 combines high quality surface treatment with modern design. It is suitable for mounting on any winter garden or pergola construction. Whole system is produced from corrosion resistant materials and fabric is fully hidden in the box. This product is characterized by high resistance against weather conditions and long service life.

| Version | Width (mm) |       | Height (mm) | Guaranteed area (m <sup>2</sup> ) |
|---------|------------|-------|-------------|-----------------------------------|
|         | min.       | max.  | max.        | max.                              |
| motor   | 1 500      | 5 500 | 6 000       | 25                                |

## Features and advantages

- Shades large spaces of winter garden or pergola,
- thermo regulation and protection effect,
- possibility to connect up to 4 pcs (do not have common box)
- box is produced from extruded aluminum profiles.









## Mounting options

Veranda HRV52 can be mounted only above winter garden or pergola.

## Control



## Basic profile colors

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

DECORAL (for Verandas with max. width/height 4 000 mm)



DETAIL OF HRV52 BOX





# VERANDA HRV08-ZIP

Get the most from your veranda, skylight or rooflight with VZ080-ZIP blinds. Enjoy the perfect amount of shade beneath this great example of timeless design.

Veranda HRV08-ZIP allows regulating sun light penetration into a room and avoids unpleasant high amount of light and heat. Fabric is protected, rolled in the box which is closed by bottom profile in retracted position. Box is fixed on guiding rails. In opened state the fabric is kept in sufficient distance from the glass thanks to guiding rails and spring system which keeps the fabric in constant tension.

This system is designed to easily overcome any small tolerances of roof construction. Whole system is produced from corrosion resistant materials.

Veranda HRV08-ZIP is equipped with zip system which ensures the fabric stays properly stretched in every position of bottom profile and avoids fabric slip out from guiding rails. Zip is sewed on the fabric on sides which fits into plastic profile inserted in aluminum guiding rail.

| Version | Width (mm) |       | Height (mm) | Guaranteed area (m <sup>2</sup> ) |
|---------|------------|-------|-------------|-----------------------------------|
|         | min.       | max.  | max.        | max.                              |
| motor   | 850        | 3 000 | 3 500       | 10,5                              |

## Features and advantages

- Fabric stays stretched longer due to innovative ZIP system with metal spring.
- compact box helps to create timeless design.
- possibility to connect up to 4 pcs together (common box up to 6 m width of the blind).
- system variability (fabric can be rolled sideways, bottom-top and top-bottom).
- can be mounted from exterior or interior.
- high wind resistance (up to 49 km/h).







## Mounting options

Veranda HRV08-ZIP can be mounted from exterior or interior (different ways of mounting based on bracket type).

## Control

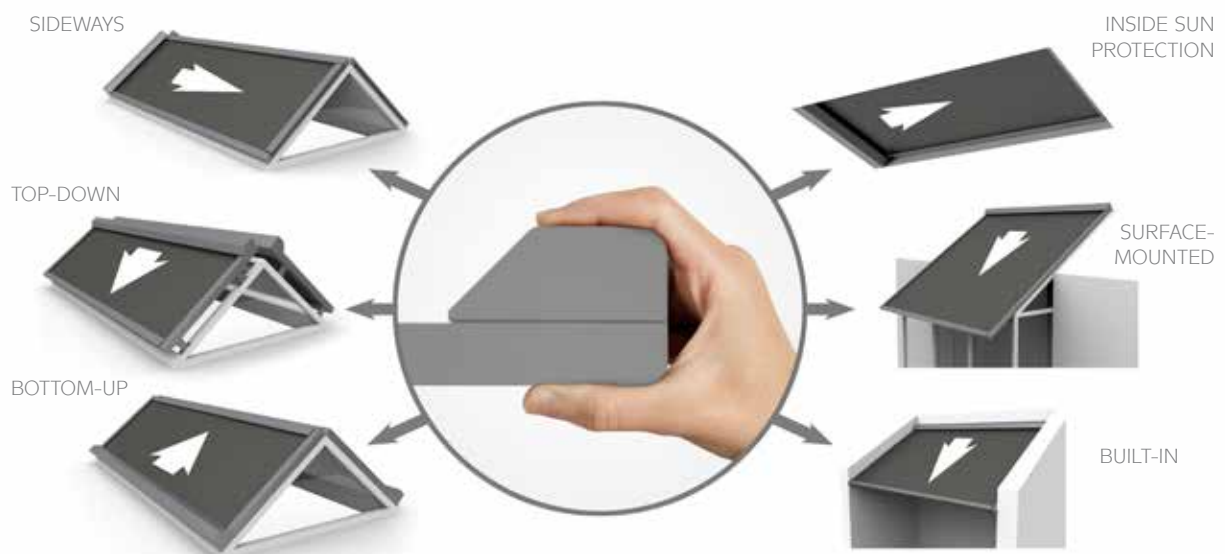


## Basic profile colors

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

DECORAL (for Verandas with max. width/height 4 000 mm)

## Mounting options







# VERANDA HRV80-ZIP

Sun protection has become an integral part of our homes. Especially protection that is unparalleled in terms of comfort, design, and safety. Veranda HRV80-ZIP meets these requirements, but offers much more. This new solution to veranda shading is now more elegant and slimmer, with remarkable properties.

Veranda HRV80-ZIP allows regulation of the sunlight penetration to the rooms, avoiding unpleasantly high amount of light and heat. The fabric is protected by being rolled in the box which is closed by the bottom profile in retracted position. Thanks to this feature, the fabric

colours will remain bright for many years. The fabric establishes a visual comfort in the interior, provides thermal and sound insulation, can be in the blackout as well as translucent version. It is extremely durable, fire-resistant and repels dirt, and will perfectly harmonise with your home.

The system is designed to easily overcome any small tolerances of the roof structure seating. The whole system is made from corrosion-resistant materials. Veranda HRV80-ZIP is equipped with a ZIP-system ensuring that the fabric remains properly stretched in every position of the bottom profile and prevents fabric slip out from guiding rails. The box is attached to guide rails. Safe distance of the fabric from the conservatory or pergola roof is ensured by guide rails and the spring-loaded cord system. Thanks to the integrated LED lighting, you will be able to enjoy the veranda even longer, and the long summer evening will be even more pleasant.

| Version | Width (mm) |        | Height (mm) | Guaranteed area (m <sup>2</sup> ) |
|---------|------------|--------|-------------|-----------------------------------|
|         | min.       | max.   | max.        | max.                              |
| motor   | 1 500      | 6 000* | 6 000       | 25                                |

\*For fabrics SLTZB 92 is max. width 5000 mm.



## Features and advantages

- Ideal for large glazed areas up to the 25 m<sup>2</sup> size in a single frame,
- less sunlight on vertical glazed areas thanks to an overlap,
- the fabric remains taut thanks to a new ZIP system,
- the compact box helps create a sophisticated appearance of the veranda,
- high wind resistance (up to 49 kph),
- possibility to install LED lighting.









## Installation variants

There is only one way to install Veranda HRV80-ZIP  
- using the guide bar holders.

## Manner of control



## Basic colours of profiles

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

DECORAL (for Verandas with max. width/height 4 000 mm)

## Properties





# VERANDA HRV80-ZIP-2P

Veranda HRV80-ZIP-2P is an elegant solution thanks to which you can enjoy staying at your terrace, pool, or garden even longer. Discover clean design combined with perfect comfort. The super-thin guide rail, neat box, and slim stands give this veranda refined appearance.

The system is designed to easily overcome any small tolerances of the roof structure seating. The whole system is made from corrosion-resistant materials. Veranda HRV80-ZIP-2P is equipped with a ZIP-system ensuring that the fabric remains properly stretched in

every position of the bottom profile for a long time and prevents fabric slip out from guiding rails. Thanks to the integrated LED lighting, you will be able to enjoy the veranda even longer, and the long summer evening will be even more pleasant.

Unlike the lattice roof or folding fabric, the fabric of Veranda HRV80-ZIP-2P rolls completely to the box, ensuring that the fabric colours will remain bright for many years. The fabric establishes a visual comfort in the interior, provides thermal and sound insulation, can be in the blackout as well as translucent version. It is extremely durable, fire-resistant and repels dirt, and will perfectly harmonise with your home.

| Version | Width (mm) |       | Height/extension (mm) | Height H2 | Guaranteed area (m <sup>2</sup> ) |
|---------|------------|-------|-----------------------|-----------|-----------------------------------|
|         | min.       | max.  | max.                  | max.      | max.                              |
| motor   | 1 500      | 6 000 | 5 000                 | 2 900     | 25                                |

## Features and advantage

- Elegant thanks to simple design,
- completely closed box, ensuring that the fabric colours will remain bright for many years,
- perfectly completes any terrace thanks to the flexible stand positioning,
- the fabric remains taut thanks to the innovative ZIP system,
- the compact box helps create a sophisticated appearance of the veranda,
- possibility to install LED lighting.









## Installation variants

There is only one way to install Veranda HRV80-ZIP-2P  
- by attaching it to the wall.

## Manner of control



## Basic colours of profiles

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

DECORAL (for Verandas with max. width/height 4 000 mm)

## Properties

**Completely enclosed box:**  
keeps fabric colors clear for years to come

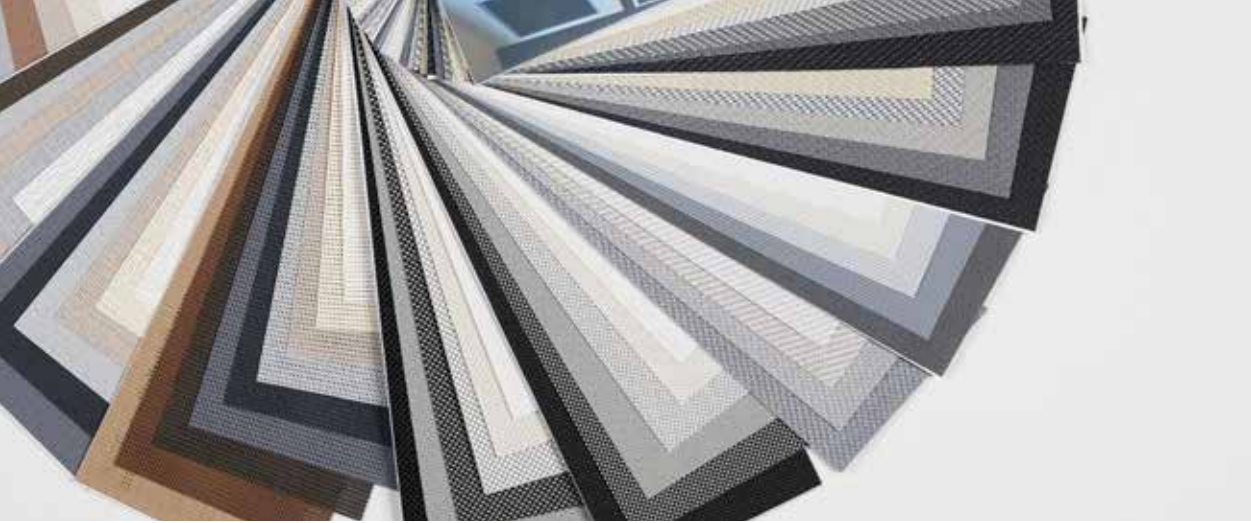
**Fits perfectly**  
into every terrace thanks to its flexible location

**Constantly stretched fabric**  
thanks to ZIP system

**Extremely compact box**  
with optional, integrated, dimmable LED lighting





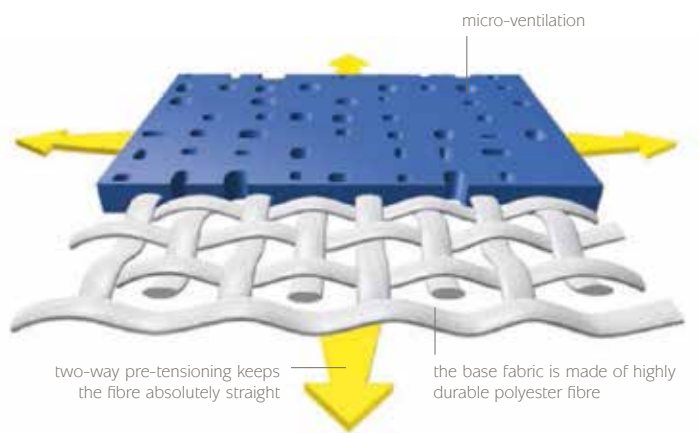


# SCREEN FABRICS SOLTIS

Industrial fabrics Soltis 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.

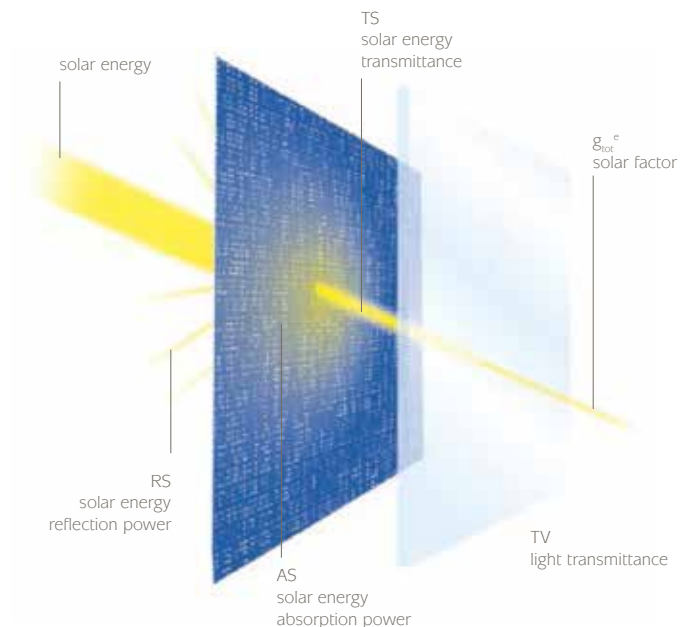
The material is made from a fabric woven from a high-strength polyester fibre, with surface treatment by pigmented PVC.

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).



## MATERIAL STRUCTURE

## THERMAL AND OPTICAL FACTORS





## COLLECTION OF AWNING FABRICS

YOU CAN CHOOSE FROM A WIDE RANGE OF COLOURS AND PATTERNS FROM LEADING EUROPEAN SUPPLIERS, THE AUSTRIAN SUPPLIER SATTLER AND THE ITALIAN SUPPLIER GIOVANARDI. BOTH SUPPLIERS ARE CHARACTERIZED BY HIGH-QUALITY MATERIALS, THEIR HIGH-WATER REPELLENCY AND ESPECIALLY COLOUR STABILITY.

Awning fabrics have a surface treatment that ensures excellent resistance to UV radiation and a long life. The fabrics are non-toxic and thus the manufacturers guarantee that they are health-harmless and environment-friendly.

When choosing a fabric, it is also advisable to think about the fact that the extended awning can affect the colours in the interior as well. The importance of choosing a shade of fabric is also placed on coordinating with the colours of the architectural and natural elements in the area.

The right choice of material also significantly improves the energy efficiency of the house.

All awning fabrics from our sample book can also be used for Veranda HRV52.





# SATTLER AWNING FABRICS

THE FABRICS HAVE A SPECIAL TEXGARD SURFACE TREATMENT, WHICH IS CHARACTERIZED BY HIGH QUALITY AND LONG-TERM PROTECTION.



This technology slows down the aging process and that is why the fabric keeps its appearance for a much longer time. Each fibre is carefully covered with a protective coating. The impregnation prevents penetration of water, moisture and dirt and thus supports the self-cleaning effect. The dirty drops of water then do not penetrate directly into the fabric but remain on its surface and run down.

Fabrics in the ELEMENTS category are composed of 100% basic acrylic fibre. Thanks to the acrylic yarn, the fabrics remain bright and attractive. We include Stripes, Cirrus, Elements, Urban, Lines, Grating, Birch and several fabrics from the Solids collection in this category.

Fabrics belonging to the LUMERA category are composed of 66% basic acrylic and 33% CBA, a.k.a. Clean Brilliant Acryl. This means one-third pure high-quality acrylic, which ensures a smoother and stronger surface of the fabric, improves the self-cleaning effect, the colours are brighter and stay clean longer. This category includes the Landscape, Landscape MINI, Leaf and Solids collections.

The last category is LUMERA 3D, where the fabrics are composed of 33% basic acrylic and 66% CBA. Fabrics in this group contain 2x purer and more high-quality acrylic than fabrics in the LUMERA category. Owing to this, they are unique both visually and in a tactile way. The fine structure of the fabric is combined with a special light effect. We include fabrics from the Surface collection in the LUMERA category.



S LINE 994



S SOLI 079



S SOLI 098



S STRI 778



S LEAF 775



S STRI 254





# GIOVANARDI AWNING FABRICS

IRISUN ACRYLIC FABRICS ARE DYED DIRECTLY INSIDE THE ACRYLIC FIBER, WHICH ENSURES EXCELLENT COLOUR RESISTANCE TO UV RADIATION AND GUARANTEES LONG LIFE AND SHINE.



The fabrics have a Fluorocarbon finish, thanks to which they can repel water and oily substances. Nevertheless, they preserve a certain degree of porosity that allows air and water vapor to pass through.

The special Duraclean treatment protects the textile fibre from aging over time. High water, smog and other air pollution repellency is ensured by the TEFLON/SCOTCHGARD surface treatment.

Awning fabrics are strictly tested to ensure a high level in the ranking of quality fabrics. Resistance to aging is determined by the QUV test, which reproduces damage caused by sun-

light, rain and dew. Within a few days (weeks) it is possible to evaluate the damage that occurs after years of use in outdoor areas. The fabrics are also tested for resistance to abrasion and pilling.

IRISUN fabrics meet the Standard 100 certificate from OEKO-TEX. The certification checks compliance with limit values of contaminants according to the strictest European and American standards.

The collections Filare, Haiti, Confine, Quadra, Textures and Clear are included in this group.



G CLEA 013



G CLEA 250



G CLEA 235



G FILA R 202



G OCNF 572



G TEXT 675



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