www.markilux.com safe · timeless · beautiful



markilux Products

Experience and knowledge by tradition. Ideas and creativity for the future.







Design features

markilux products are designed to be timeless. Trendy and classic lines united in the perfect products for your home. Reputable designers have created beauty in both the technological and the textile.

Innovation

markilux awnings did not get to where they are by chance. In each of our products you will find technical innovations crafted for a particular application. We try to anticipate the requirements of tomorrow and satisfy them today.

Dynamics

markilux developments are dynamic. We think well ahead as markilux clients should be able to enjoy our products for many years to come. Many of the ideas we have can be retro-fitted to already existing products. This makes our products very long-lasting indeed.









Function

markilux technology is designed to last for a small eternity. The materials used meet the highest standards thus ensuring problem-free operation for many years.

Safety

Certified quality from a certified company; independent bodies audit us and document our commitment to quality. The inimitability of our manufacturing facility, textile production and awning construction within one single company leads to the creation of products that leave nothing to be desired.

Service

markilux - dedicated to craftsmanship. markilux Specialist Dealers are experts when it comes to the sale and installation of awnings. We support these businesses with training and the transfer of know how.

Contents

| Awning covers by markilux 4 | specials ab 36 |
|---|--|
| visutex – available exclusively at markilux 6 – 13 visutex – Tango 14 – 15 sunsilk snc 16 – 21 sunvas snc 22 – 28 colours 29 classics 30 – 33 | perfotex 36 – 37 sunvas transolair 38 – 39 sunsilk perla FR 40 sunvas perla 41 vuscreen ALU 42 |
| Braid colours / Valance styles 34 – 35 | Product characteristics and care |



Blind and Awning Covers by markilux

markilux awning covers - are highly rated because of their quality and appearance

With the purchase of a markilux awning cover you have chosen a high-class, quality product. All fabrics are produced on state-of-theart weaving looms. This guarantees near perfection in the manufacturing process. Meticulous checks also ensure that we only ever supply functionally flawless covers.

However, awning covers do not only serve as effective protection from the sun. They also have a decisive impact on the colour ambience and hence the atmosphere under an awning. For even greater enjoyment of the colour ambience provided by the shade of an awning, markilux offers an extensive collection of more than 250 fabrics made from the innovative, hightech polyester yarns sunvas snc and sunsilk snc.



sunsilk snc and sunvas snc – the innovative awning fabrics with self-cleaning effect in

rain (a minimum awning pitch of 14° is required to ensure water drainage). The high-quality, dirt-repelling coating makes sure you can enjoy the luminous colours in the fabric for many years. Tried, tested and certified with the test symbol "self-cleaning – inspired by nature" which

was awarded and confirmed by the internationally renowned Institute for Textile Technology and Process Engineering (ITV), Denkendorf.



The certificate "Öko Tex Standard 100" guarantees that no harmful dyes or

chemicals were used in the making of markilux awning covers (sunsilk snc / sunvas snc).



Effective protection against UV radiation

Due to the increasing strength of UV radiation, healthcare during our leisure time is gain-

ing in importance. Therefore it is important to know just how many harmful UVA and UVB rays will pass through the cover when purchasing an awning. markilux fabrics in dark colours afford 100 per cent protection. The lighter colours (right through to plain white) stop up to 97 per cent of UV radiation.

These figures are based on research conducted by the Hohenstein Research Institute as well as the manufacturer of our fabric yarns.

All fabrics made of sunsilk snc and sunvas snc achieve the highest possible solar protection factor for textiles (UPF 50+).

The UPF (Ultraviolet Protection Factor) specifies how much longer one can be exposed to sunlight when protected from it by the given UPF without suffering sunburn. Fabrics with an ultraviolet protection factor of 50+ would enable you to sit out safely in the sun fifty times longer than you would otherwise be able to do without suffering sunburn, if you were to rely solely on the protection provided by your skin.

In order to determine the sun protection factor required, you need to know what level of protection is provided by your own skin, as well as the length of time you wish to sit in the sun (your own protection time x sun protection factor = maximum sunbathing time). In so doing it is essential to bear in mind that the sun protection (awning) fabric is only able to reduce the effect of direct sunlight and not that resulting from reflected UV radiation (from water, for example).

Superior light and weather fastness values

Our covers made from sunsilk snc and sunvas snc get the best values

(marks 7 to 8) when rating their lightfastness and weather resistance.



Bonded seams lend awning covers an improved appearance

The ultrasonic bonding process lends the cover a vastly improved appearance. It has been tested for its durability. The high compression bonding process offers many advantages: Under normal conditions the panel joints (formerly seams) are impermeable to light and water and resistant to changes in temperature. Thanks to its smoother surface, the fabric has a longer life-span. In addition bonding avoids the problem of premature ageing of the thread as a result of UV radiation and weathering. Generally speaking we supply all our blinds and awnings with bonded covers. However, the perfotex range and fabrics supplied by third parties continue to be stitched for technical reasons. So, if you would prefer your awning cover to be produced with the conventional stitched finish, we kindly request you to state this clearly on your order. Both stitched and bonded

awning fabrics show inevitable differences in colour at the seams and panel joints due to the double layer of fabric - the fabric appears to be darker at this point.

All widths quoted are unworked fabric widths. Please consult the current sales manual or price list for the maximum awning / blind sizes available in the different fabric qualities.

sunsilk snc the brilliantly luminous technical material

Because of their superior luminosity and brilliance the sunsilk materials can best be viewed against the light as in the illustrations shown.

sunvas snc the softly glowing textile material

The illustrations show sunvas fabrics when lit from the front.

Your markilux dealer will make the whole markilux collection available to you. We recommend you assess the lighting effect created by awning fabrics both when backlit and when lit from the front.

The actual fabric colours may differ slightly from those depicted.

Printed is not woven.









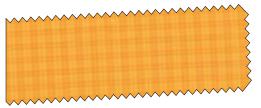
Exclusivity at no extra cost The visutex collection

The stylists at markilux have developed the visutex collection to cater specifically to exacting tastes.

visutex is stylishly modern design embodied in a vividly textured weaving technique. It delicately reflects the colours and textures of patio and garden. Eight vibrant colour families and elegant patterns lend the fabrics, designed exclusively for markilux, a unique signature. Radiant and brilliant in the sunsilk snc quality and gently glowing in the new sunvas snc version.

yellow_summery, stimulating, sunny, refreshing, carefree, warm, exhilarating, luminous, uplifting, appealing





sunvas 31471



sunsilk 36923



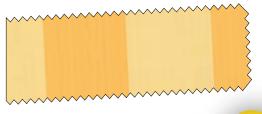
sunsilk 36917



sunsilk 36995



sunvas 31481

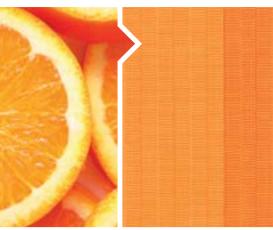


SIIII Vas 31401













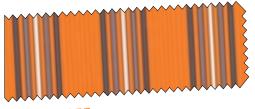
sunvas 31482 ••



sunvas 31472



sunsilk 36977



sunsilk 36922



sunvas 31402

orange_energised, modern, intensive, cheerful, eye-catching, fruity, youthful, radiating, stimulating, summery

- fabric also available as sunvas transolair; see the specials range - sunvas transolair
- ◆ also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 230 cm





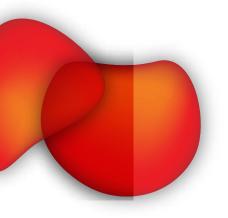


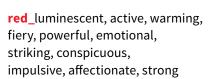














sunsilk 36920



sunsilk 36921



sunsilk 36984



sunsilk 36994



sunvas 31403



sunvas 31483 **



- fabric also available as sunvas transolair; see the specials range
 sunvas transolair
- also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 230 cm







sunsilk 36979



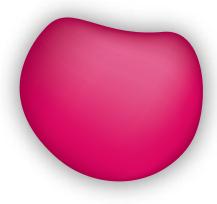
sunvas 31414

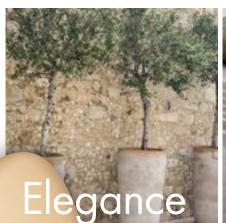


sunvas 31474

pink_dynamic, trendy, individual, exciting, positive, ostentatious, creative, expressive, chic, positive, feminine, magical, explosive















cream_soft, tender, light, natural, bright, calm, friendly, plain, elegant, appetising, peaceful, popular, insensitive

- fabric also available as sunvas transolair; see the specials range
 sunvas transolair
- also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 230 cm



sunvas 31427 ◆



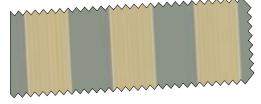
sunvas 31479



sunsilk 36919



sunsilk 36969



sunsilk 36952



SUNVAS 31487 **



sunvas 31407



sunvas 31417



sunvas 31408













green_natural, juicy, fresh, hopeful, calming, cool, relaxing, enduring, healthy, verdant, curing

- fabric also available as sunvas transolair; see the specials range
 sunvas transolair
- also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 230 cm



sunvas 31416



sunvas 31406



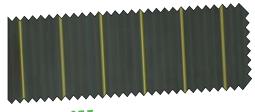
sunsilk 36996



sunvas 31486 **◆**



sunsilk 36916



sunsilk 36978



sunsilk 36997

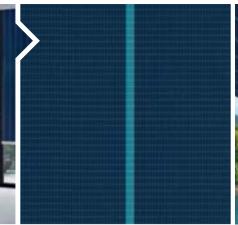


sunvas 31476







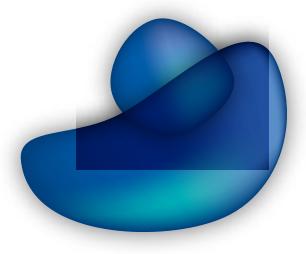






sunsilk 36975

blue_harmonious, levitating, benevolent, rational, heavenly, refreshing, calming, cool, vast, peaceful, distant, safe





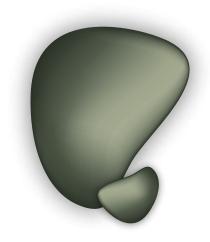








black_strong, powerful, designorientated, functional, exclusive, no-nonsense, individual, elegant, dignified, architectural









sunvas 31421



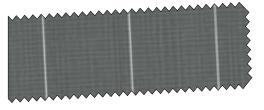
sunvas 31422



sunvas 31423



sunvas 31425



sunvas 31424



sunvas 31418



sunsilk 36988



sunvas 31478

visutex Tango

Harmony woven in the rhythm of time. Expressive and vivacious, whether in soft stripes or classic checks with a depth of contrast.

visutex Tango are covers that reflect a modern lifestyle and stand out by virtue of the shade they provide.



Harmony experienced. A perception of space. A touch of summer. A new heaven on earth: sunny, refreshing and warm.

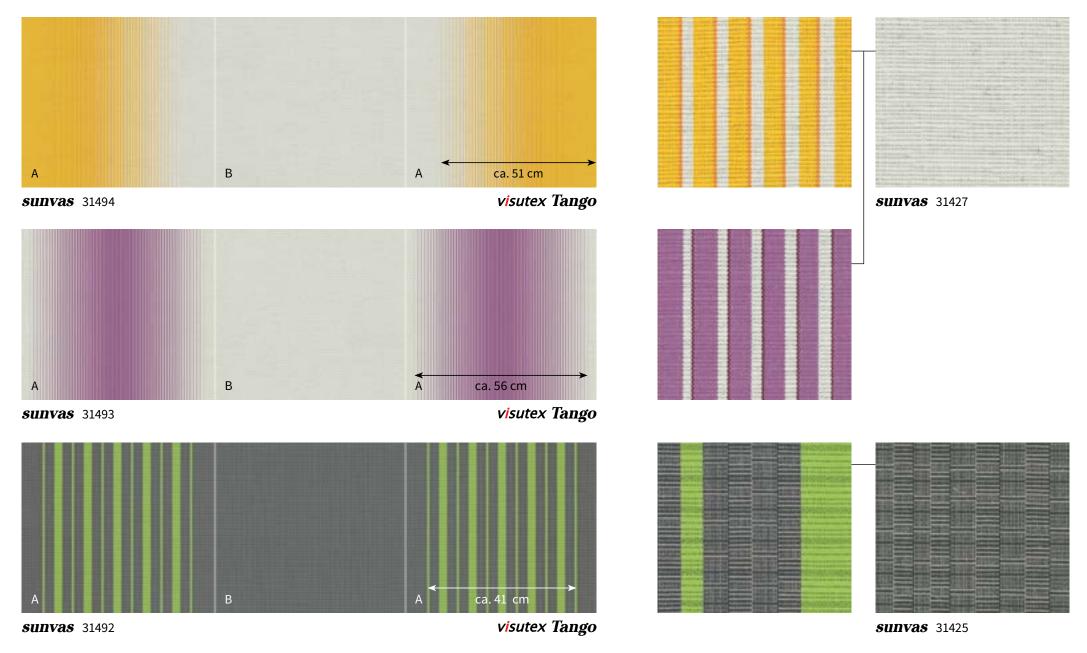


Colourful trend. Individual and exciting. Positive, creative, expressive. Magical highlights both above and in your head.



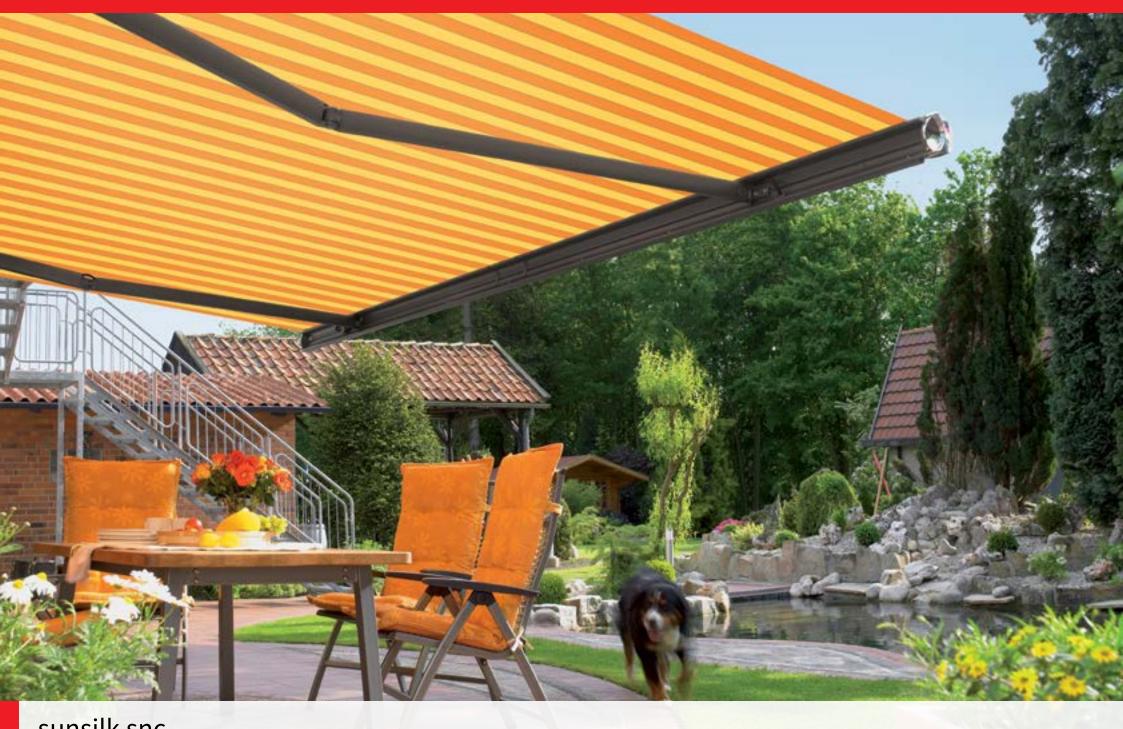
The fabric – a dream. The tone – naturally green. It lends lightness to the awning, weight to the balcony or patio.





Because visutex Tango awning covers are made up of two different fabric patterns, minor variations in colour between the individual fabric panels cannot be avoided. The outer, striped panels (A) are used in their full width, whereas the plain fabric panels (B) in between can vary in both number and width.





sunsilk snc

summery



sunsilk snc

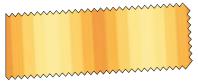
Seven summery and fresh colour families and delicate tone-in-tone fabric patterns emphasise the clear design concept behind sunsilk snc. They lend the transparent material, made of enhanced, high-tech polyester with its typical, brilliant luminescence, a new and exciting appeal. Tried, tested and certified with the test symbol "self-cleaning inspired by nature" which was awarded and confirmed by the internationally renowned Institute for Textile Technology and Process Engineering - ITV, Denkendorf.







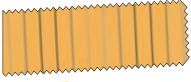




sunsilk 32851



sunsilk 32850



sunsilk 32831



sunsilk 32811



sunsilk 32822



sunsilk 32860



sunsilk 32861



sunsilk 32859





world of colours: orange

brilliant luminosity smooth surface excellent technical properties



powerful





















sunsilk 32833



sunsilk 32843



sunsilk 32829



sunsilk 32803



sunsilk 32849



sunsilk 32863



sunsilk 32813



sunsilk 32807



sunsilk 32877



sunsilk 32827



sunsilk 32806



sunsilk 32834



sunsilk 32817



world of colours: green





world of colours: blue







sunsilk 32855



sunsilk 32815



sunsilk 32805



sunsilk 32820



sunsilk 32824



sunsilk 32836



sunsilk 32825



sunsilk 32845



sunsilk 32844



sunsilk 32846



sunsilk 32835



sunsilk 32865





world of colours: black / grey

brilliant luminosity smooth surface excellent technical properties



exclusive

















sunsilk 32826





summery



sunvas snc

Fabrics in restrained, muted, pastel colours in seven colour families lend sunvas its traditional yet modern character.

The textile material with a soft, fluffy touch and gentle colour glow radiates a socially appealing charm.

sunvas snc combines a romantic appearance with an outstanding technical specification: durable, colourfast, resilient and with self-cleaning effect. Tried, tested and certified with the test symbol "self-cleaning inspired by nature" which was awarded and confirmed by the internationally renowned Institute for Textile Technology and

> Process Engineering - ITV, Denkendorf.



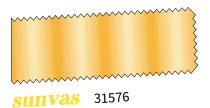
sunvas 31511



sunvas 31520



sunvas 31581



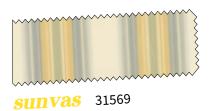
sunvas 31571



sunvas 31591



sunvas 31574



sunvas 31556



sunvas 31551



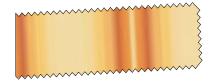
sunvas 31552



sunvas 31570



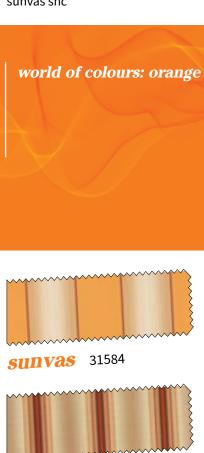
sunvas 31501



sunvas 31554



All fabrics 120 cm in width

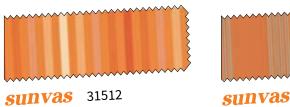


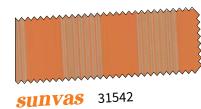


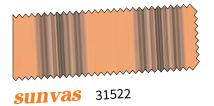
gentle glow silky soft surface exquisite texture



powerful











sunvas 31583





sunvas 31562

sunvas 31502

sunvas 31575





sunvas 31516



sunvas 31579

sunvas 31589









world of colours: cream

gentle glow silky soft surface exquisite texture



elegant



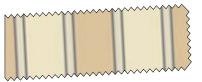
sunvas 31587



sunvas 31545



sunvas 31577



sunvas 31567



sunvas 31585



sunvas 31588



sunvas 31521



sunvas 31541



sunvas 31547



sunvas 31537



sunvas 31517



sunvas 31510



world of colours: green

gentle glow exquisite texture



natural





sunvas 31586



sunvas 31536



sunvas 31580



sunvas 31564



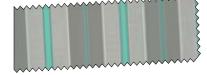
sunvas 31590



sunvas 31526



sunvas 31531



sunvas 31533



sunvas 31524



sunvas 31559

sunvas 31525

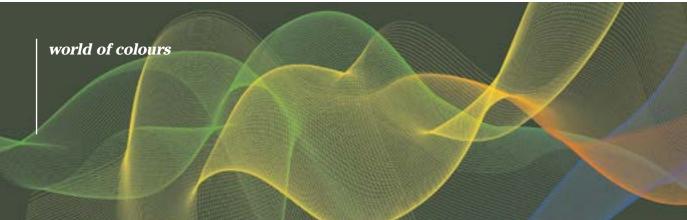


sunvas 31312

sunvas 31305

sunvas 31301







sunvas 31109



sunvas 31117

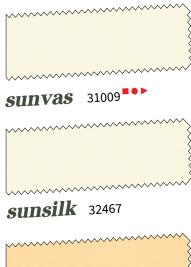


sunvas 31114

classics

Classic plain fabrics are always stylistically sure of themselves and easy to mix and match.

The well appointed range of neutral, elegant plains in the collection is available in both the luminescent sunsilk snc and the gently glowing sunvas snc qualities. Something to suit every taste.

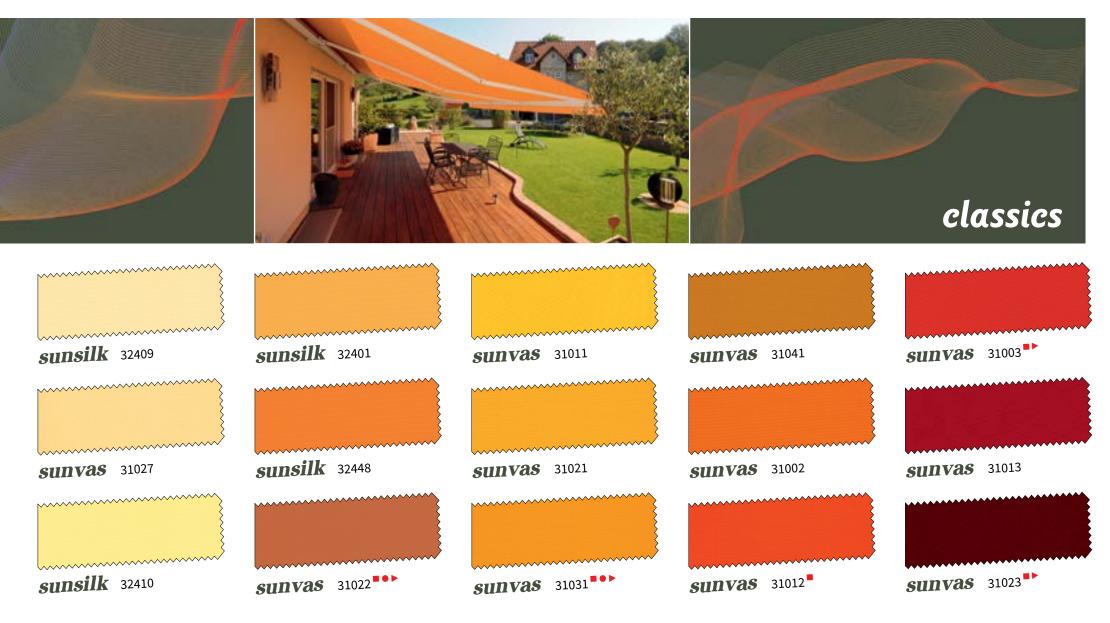






sunsilk 32417

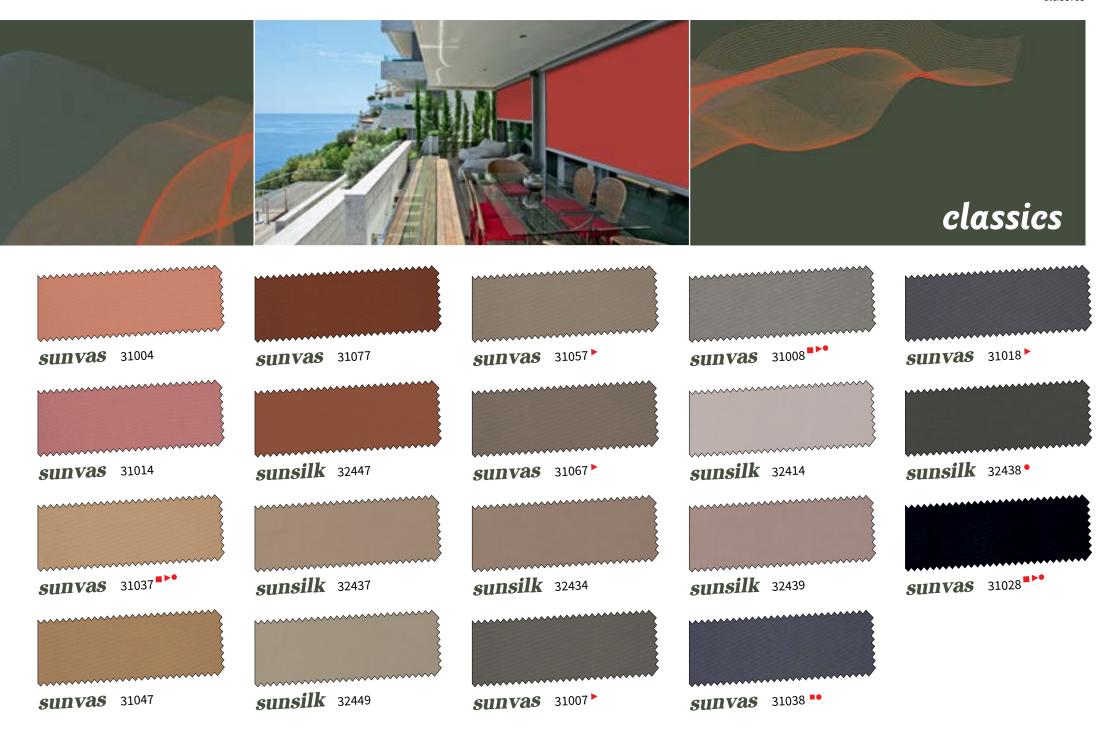
 also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 250 cm



- also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 320 cm
- ► fabric also available as sunvas perla; see the specials range – sunvas perla
- fabric also available as sunvas transolair; see the specials range
 sunvas transolair





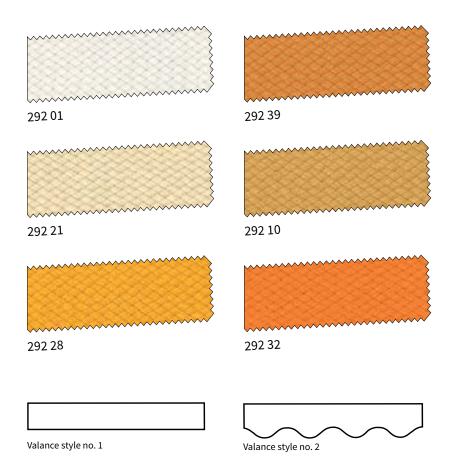


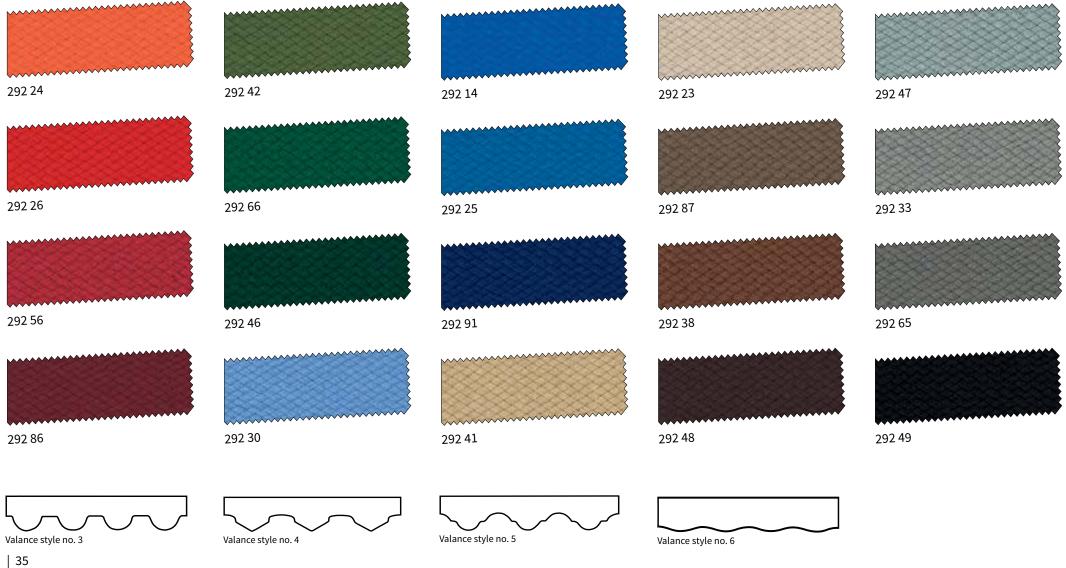
Braid colours and valance styles

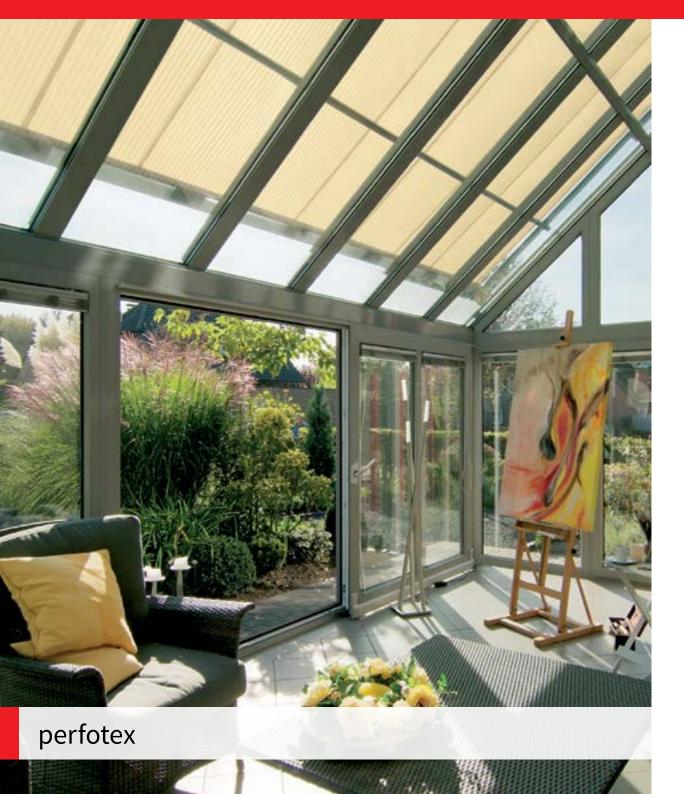
Braid colours and valance styles

For each cover pattern there is a matching braid colour. However, if you would prefer an alternative colour, please choose from the colour palette shown.

The valance always has the same seam arrangement as the cover as they are both cut from one piece of material. The shape of the valance is symmetrical at both ends. Moreover, the crests and troughs in the valance are adjusted to correspond to the widths of the stripes in the pattern. We cannot guarantee that we can copy the pattern repeat exactly in valances supplied at a later date..







perfotex

The special fabric for markilux conservatory awnings made from high-tech polyester material in proven sunsilk quality. An additional aluminium coating reflects heat even more effectively, even before it can enter the conservatory.

This light and air-permeable fabric woven, using a special technique, is pleasantly transparent and reduces the possibility of water troughs forming, which would put extra strain on the cover. A high-grade SFC finish (Teflon) offers tried and tested protection from soiling and gives the fabric its water-repellent properties.





Because of the way the fabric is made, one side has a higher concentration in aluminium pigmentation; during cover manufacture this side is made to face upwards / outwards in order to attain the maximum benefits in heat and light reflection. In the case of fabrics in a lighter colour and especially when seen against the light, it is unavoidable that the aluminium coating shines through and can be seen from the inside.





perfotex 33217



perfotex 33227



perfotex 33218



perfotex 33208

Good to know:

Covers using the special, stabilising production method, with seams every 60 cm, have proved their worth when fitted to markilux conservatory awnings, so covers for the markilux 8800 and 8850 are made as standard using this technique. perfotex covers for markilux vertical blinds and awnings are manufactured from fabric panels 120 cm in width and for technical reasons are only available in a stitched finish.

perfotex fabrics are finished with encapsulated aluminium pigmentation on both sides. Due to the special manufacturing technique different concentrations of this finish are found on the upper and underside of the fabrics. During cover manufacture this side is made to face upwards / outwards in order to attain the maximum benefits in heat and light reflection.

In the case of fabrics in a lighter colour and especially when seen against the light, it is unavoidable that the aluminium coating shines through and can be seen from the inside.





sunvas transolair

sunvas transolair – new material, proven technology!

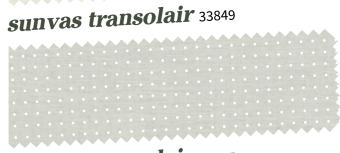
See-through sun protection fabrics

sunvas transolair is the innovative high-tech polyester fabric with special perforating technique and excellent technical characteristics. A number of selected fabrics from the sunvas classics range form the basis of the sunvas transolair fabrics in the same colour. The special perforating technique ensures excellent transparency as well as good light, air and wind permeability.

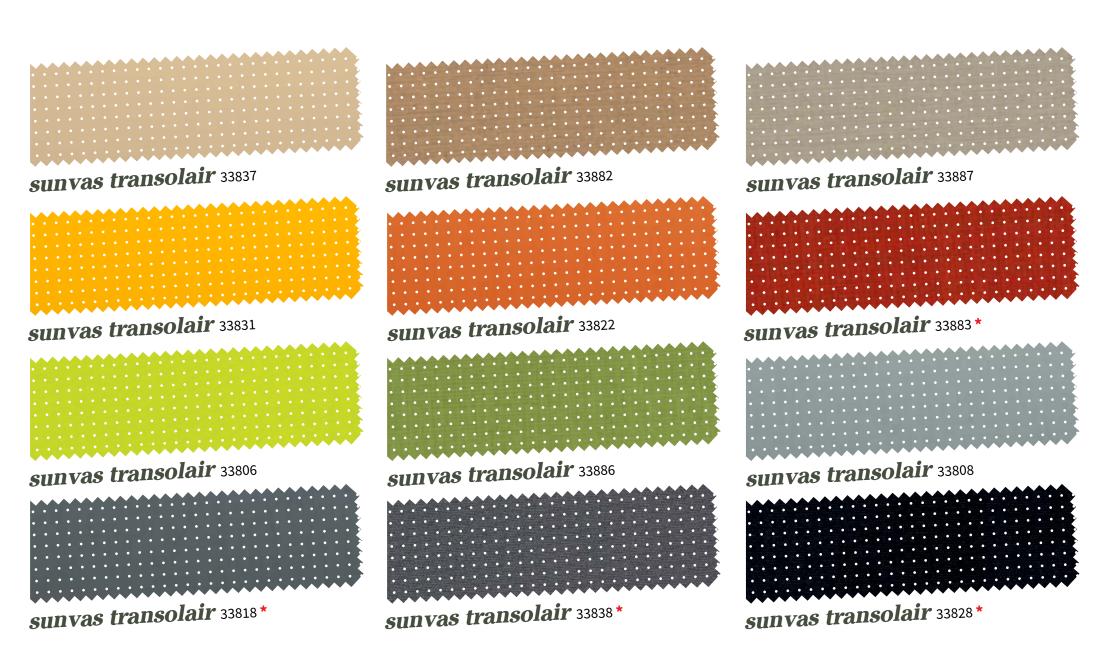
The breathable nature of the material has further advantages in that it prevents the build-up of a layer of warm air under the material and reduces the risk of water troughs forming.

sunvas transolair is especially recommended for use in vertical blinds and conservatory awnings including those with tracfix technology and, of course, in the markilux shadeplus / drop valance. Also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 250 cm.





sunvas transolair 33827

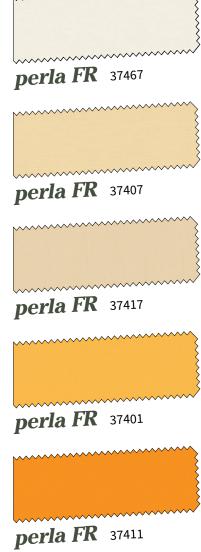




sunsilk perla FR

sunsilk perla FR is a high-quality awning fabric based on the innovative, high-tech fabric sunsilk snc. This coated fabric is waterproof and highly flame retardant and should be used wherever fire safety regulations need to be observed and protection from rain or sun and a decorative effect is required. In daylight, the radiant colours pass through the white underside of the sunsilk perla FR fabric, which makes it possible to tailor the colour design of the interior space to the specific requirements of the customer but also ensures a bright, friendly atmosphere in the evening.

underside of the fabric



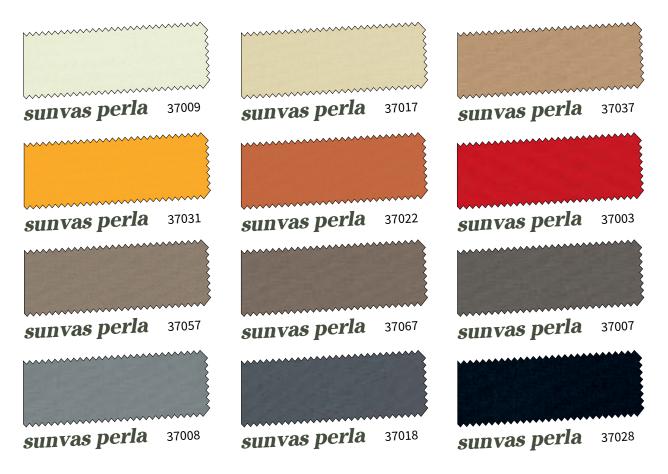


perla FR 37418

sunvas perla

sunvas perla is a high-quality awning fabric based on the innovative, high-tech fabric sunvas snc with its outstanding technical characteristics. This material has a **transparent coating**.

The colour effect of the material is virtually unchanged in comparison with the uncoated version. sunvas perla is **waterproof** and impervious to the effects of the weather and the high-tech material offers optimum protection against both sunshine and inclement weather whilst offering exceptional protection from UV radiation as well (UPF 50+).





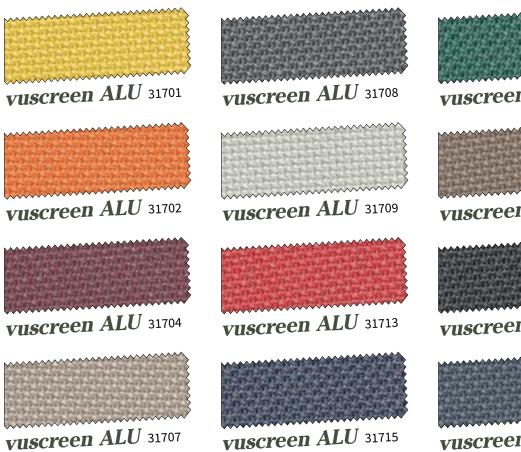


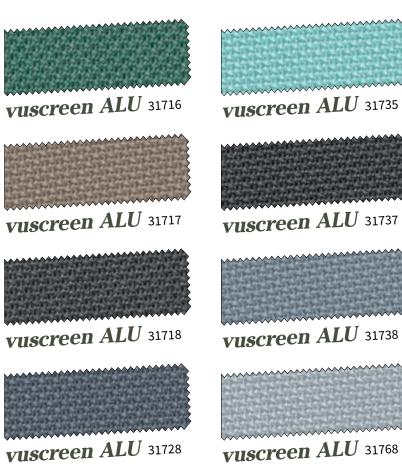


vuscreen ALU

vuscreen ALU

The vuscreen material used to create modern sun and glare protection covers for markilux vertical blinds and awnings is finely perforated and transparent to a limited degree. It protects against reflected light. The encapsulated particles of aluminium on the fibres of this easily-cared-for, high-tech polyester fabric ensure the room temperature remains pleasant by repelling heat energy. Also available as widely woven fabrics for the manufacture of seamless covers up to a drop of 252 cm.





Awning covers – Product characteristics and care

Awning covers are industrially manufactured textile products which serve both a functional and a decorative role. They are high-tech products that meet strict technical requirements. Each production cycle undergoes extensive laboratory tests. Criteria such as water impermeability, rigidity, dirt and water-repellent properties, resistance to tearing and tear propagation, colour fastness and numerous other characteristics are defined, assessed and guaranteed for each fabric type by the manufacturer. Although only first-class, quality controlled fabric is used in production, there are limits to the degree of perfection that can be achieved. Owners of awnings sometimes complain about certain phenomena found in the fabric which cannot be completely excluded, in spite of today's very high technical standards.

Creases

can appear during the cover making process and when the fabric has been folded. A dark line may become visible at the crease when viewed against the light, especially in the case of light colours. This is because the fibres become kinked when the fabric

is folded so changing the light transmitting qualities of the material (refraction).

Puckering of the fabric

can appear along the side hems, next to the seams and in the centre of the panel. There is a double layer of fabric at the seams, which are stitched or bonded when flat. As the cover is wound onto the roller the two layers of fabric are forced to assume different diameters thus creating tension within the fabric. The tension exerted by the folding arms and the weight of the roller and/or front profile can exacerbate this effect. Puckering can also develop if a water trough forms during heavy rainfall.

Water impermeability / resistance to rain

Solar protection fabrics are impregnated with a water-repellent finish and, if properly cared for and used at a pitch of at least 14° (to the horizontal), remain impervious to water during short, light rainfall. During prolonged and/or heavy rainfall the awning must not be extended or should be retracted to prevent any damage. If the cover has become wet, the awning must

be extended again at the earliest opportunity so that it can dry to prevent marking of the fabric.

Tension-induced stretching of the side hems

In most cases an active tensioning system keeps the cover taut almost permanently. Although seams and hems provide reinforcement, they also have to withstand the most strain. When the cover is rolled up the seams and hems roll up on themselves, which increases the pressure and tension even more. They are therefore exposed to considerable tension and this can cause them to stretch slightly. As a consequence the side hems may sag slightly when the awning is extended. Source: ITRS (BKTex)

In the case of both stitched and bonded covers all seams are arranged symmetrically. This ensures that the awning runs smoothly and that it is aesthetically pleasing to the eye, as - in the case of striped fabrics - the pattern on both sides of the cover finishes evenly.

Caring properly for your blind or awning cover

So that you may have long and pleasurable use from your markilux awning cover here are a few tips regarding its care: Dust can best be removed when dry by means of a soft brush. Leaves or similar debris should be removed immediately. Small stains should be removed using lukewarm water and a commercially accepted, preferably liquid, detergent suitable for delicate fabrics (5% soap solution, water temperature max. 30°C). Rinse thoroughly with water. Comprehensive tips for the cleaning and care of exterior solar protection fabrics can be found in the guidelines laid down by the Industrial Association for Technical Textiles - Shutters -Solar Protection (ITRS e.V.)

Other important information relating to external solar protection fabrics

Small imperfections such as knots, uneven yarn thicknesses, the occasional broken yarn, waviness or uneven rolling up characteristics as well as signs of fabric stretch - especially in the region of hem or panel seam -

cannot always be avoided in spite of the state-of-the-art manufacturing processes used. Furthermore, traces of handling such as slight creases, which appear as lines in the fabric when held against the light, are also unavoidable. The intrinsic weight of the fabric may cause it to sag; this effect is exacerbated when the awning is wet. We guarantee that the above phenomena will neither have a detrimental effect on the service life of the fabric nor affect the functionality of the awning. In this regard we make reference to the guidelines laid down by the Industrial Association for Technical Textiles - Shutters - Solar Protection (ITRS e.V.).

Detailed instructions for the blind or awning owner, containing all important information with regard to their operation, care and maintenance, are included with every awning delivery. Source: ITRS (BKTex)



