

General Information



markilux awning covers are convincing products 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-the-art weaving looms. This guarantees an extremely high degree of perfection. Meticulous checks also ensure that we only ever supply functionally flawless covers. However, awning covers 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 provided by the shade

of an awning, markilux offers not only its classic acrylic fabrics, but also awning covers in sunsilk snc, an innovative high-tech material.

The "Öko-Tex Standard 100" certificate guarantees that no harmful dyes or chemicals were used to make this sunsilk awning material.



Effective protection from UV rays

Due to the increased strength of UV radiation, healthcare during our leisure time is gaining 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 percent protection. The lighter colours (right through to plain white) stop up to 97 percent 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 achieve the highest possible sun protection factor for textiles (UPF 50+). The UPF (Ultraviolet Protection Factor) specifies how much longer one can sit in the sun when protected from it by the given UPF. 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 without becoming sunburnt, if you were to rely solely on the protection provided by your skin. In order to ascertain 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). It is essential to bear in mind here that the sun protection (awning) fabric is only able to reduce the effect of direct sunlight and not that resulting from reflected UV radiation.

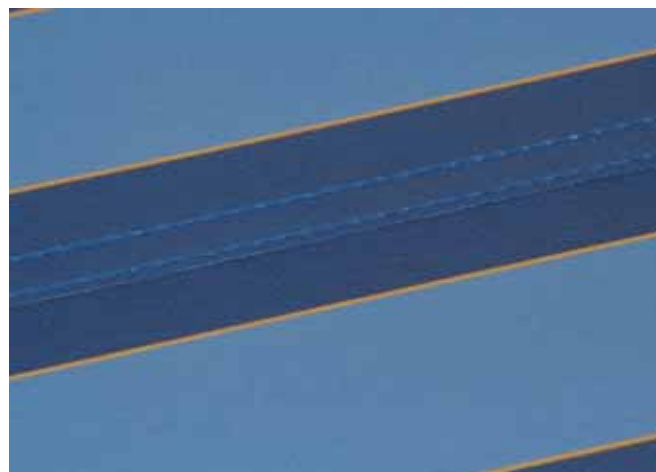


General Information

Ultrasonic bonding process for acrylic and sunsilk and fabrics perla FR, transilk and transolair awning covers



bonded awning cover



stitched awning cover

Bonded awning covers give an improved appearance.

The bonding process lends the cover a vastly improved appearance. It has been tested for its longevity. The compression bonding process offers a number of advantages. Under normal conditions the panel joints are impermeable to light and water and resistant to changes in temperature. The cover is more likely to last longer because of its smooth surface. In addition bonding avoids the problem of the gradual breakdown of the sewing thread from the effects of UV and weathering.

Awning covers on markilux awnings.

We supply our awnings with bonded covers. If you would prefer your awning cover to be produced in the conventional stitched finish, we kindly request you to state this clearly on your order. The same charge is made for both processes on all markilux awnings. Exception: we supply covers from other collections, perfortex, and covers for the markilux 8000 and markilux 8500 conservatory awnings with a stitched finish. These conservatory awnings (with the exception of perfortex covers) can be supplied with bonded covers for a little extra.

Made-up awning covers

When ordering ready-made covers, we kindly request that you clearly state whether you require a stitched or bonded cover. For bonded covers please refer to the additional charges quoted in our price list. The advantages you gain with bonded

covers by markilux:

- the compression bonding process offers a number of advantages. Under normal conditions the panel joints are impermeable to light and water and resistant to changes in temperature.
- the cover is more likely to last longer because of its smooth surface.
- no premature aging through the effects of UV and weathering of the most sensitive part of the cover - the thread
- improved, homogeneous appearance without unsightly threads
- ideal tension dispersion through holohedral overlap bond
- no fraying of threads as the result of wear caused by the roller support (rolltex bearing)

The product characteristics of awnings and covers

Awning covers are industrially manufactured textile products which serve both a functional and a decorative role. They are high-performance products that meet strict technical requirements and undergo extensive laboratory testing during every production run. 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 awning production, there are limits to the degree of perfection that can be achieved. Awning owners occasionally complain about certain imperfections in the fabric but such characteristics cannot be completely eradicated even with today's technology.

Creases

can appear during the cover making process and when the fabric is folded. A dark line may become visible at the crease when viewed against the light, especially with light colours. This is because the fibres are bent when the fabric is folded, which changes the light transmitting qualities of the material.

Puckering

can appear along the side hems, around the seams and in the centre of the panel. There is a double layer of fabric at the seams, which are sewn 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 of the folding arms and the weight of the roller and/or front profile can contribute to this effect. Puckering can also develop if a water trough forms during heavy rainfall.

Water impermeability / resistance to rain

Sunshade fabrics are impregnated with a water-repellent finish and, if properly cared for and used at a pitch of at least 14°, 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 gets wet the awning must be extended again later 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 tautness still further. They are therefore put under a lot of tension and this can cause them to stretch slightly. As a consequence side hems may sag slightly when the awning is extended.

Source: BKTEX

In the case of both stitched and bonded covers all seams are symmetrical. 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.

So that you may enjoy your awning cover for many years to come here are a few tips for its care: Dust can best be removed when dry with a soft brush. Remove leaves, twigs and similar debris immediately. Small persistent marks should be removed as follows: Wash by hand using a commercially accepted - preferably liquid - detergent (5% soap solution at max. 30°C water temperature). Rinse thoroughly with clean water.

Awning use in wind, rain, snow and ice

Just as the sailor reefs and furls his sails so you too should retract your awning in strong wind and rain. To prevent anything unforeseen happening this should be done at night too to ensure a good night's sleep.

If the pitch of the awning is less than 14° (to the horizontal) then the awning should not be extended when it is raining. Otherwise water may collect on the cover and cause it to sag. This may lead to the awning being damaged or people being injured. If your awning has been retracted when wet it should be extended again at the earliest opportunity to allow it to dry.

If the wind speed exceeds that of the permitted wind resistance class (v. the chapter "Technical Information - Fixture of Awnings in accordance to EN 13561") and in the case of frost or snow the blind or awning must be retracted immediately. If there is snow on the awning it must be removed before the system is retracted. Do not close a unit whose cover is frozen. It must be thawed out first.

An automatic sun, wind and rain sensor or timer that extends or retracts the awning according to the weather conditions is no guarantee that the awning system will function perfectly indefinitely. It does not, therefore, relieve the owner of the duty to exercise due diligence. In times of absence, e.g. during holidays, at night or in bad weather the awning should be retracted and an automatic control system switched off.

Dampness and cold can lead to the cover becoming stiff and the motor safety cut-off to activate. This will prevent the awning from being retracted for a short while.

Awnings with motor drive

If there has been a power cut a purely motor-driven awning cannot be retracted. Retracting and extending the awning several times in quick succession may activate the thermal cut-out mechanism, which prevents the motor from overheating. After it has cooled down the motor will reactivate itself again.

Definition of operation side

The operation side is given looking at the blind or awning from outside (right or left)

Detailed instructions for the awning dealer containing all important information with regard to operation, care and maintenance are included with every awning delivery.





sunsilk snc signature

Something exclusive at no extra cost –
the SigNature series of fabrics made of sunsilk snc

To cater for highbrow tastes, the stylists at markilux - together with internal and external designers - have developed the signature collection.

Our natural and architectural surroundings formed the inspiration for the design of 23 unusually elegant types of fabric. The colour concept was taken from photos with an extremely high pixel resolution.

Four themes (life, architecture, nature, the elements) ensure faster orientation. Experience the uniqueness of the signature patterns.

The superior colour brilliance of sunsilk snc has already fascinated many. The light, silk-like fabric is just as resistant to light and weather as conventional acrylic fabric.

The illustrations show the colour brilliance of the awning fabric as if you were looking through it, the way you experience it while enjoying the luminous shade of your awning.

signature sunsilk snc has a lot in its favour:

- rot proof polyester fabric with outstanding brilliance of colour, and high tensile strength
- made from silky, high-tech fibres
- highest UV, light and weather fastness
- light and colour according to ISO 105/B02, achieving a mark of 7-8 (marking scale 1 = faulty to 8 = very good)
- weatherproof according to ISO 105/B04, achieving a mark of 7-8 (marking scale 1 = faulty to 8 = very good)
- extremely dirt, grease and water repellent by virtue of the snc coating
- resistant to all environmental influences
- quick drying, easily cared for
- insensitive to heat and cold
- excellent solar protection
UPF 50+ according to EN 13758-1

sunsilk snc

The new sunsilk snc fabrics with extreme
brilliance and luminosity

sunsilk snc combines a new lightness with optimum solar protection.

It is a priceless experience when the new sunsilk snc fabrics with their outstanding colour brilliance bathe your patio or the adjacent rooms in a warm, soothing light and a luminous shade. This is the result of years of research.

We have managed to guarantee high resistance to the effects of ultraviolet light for finely dyed fabrics. This characteristic has been attributed only to customary acrylic fabrics up till now.

The new sunsilk snc fabrics are thinner, smoother and lighter than acrylic awning material. Nevertheless their technical specifications are equal in all respects and very often even superior to those of acrylic fabrics.

The silkiness of the fabric and the small winding circumference reduce the formation of puckering. sunsilk snc the innovative awning fabric with the self-cleaning effect in rain (a minimum pitch of 14° is required to ensure water run-off). Very dirty covers can be cleaned with a water jet (not high pressure). The new highly dirt-repellent coating on the fabrics ensures they will remain luminous for many years to come.

collection

life

architecture

nature



36 944 sunsilk snc



36 984 sunsilk snc



36 986 sunsilk snc



36 945 sunsilk snc



36 988 sunsilk snc



36 916 sunsilk snc



36 943 sunsilk snc



36 935 sunsilk snc



36 963 sunsilk snc



36 950 sunsilk snc



36 942 sunsilk snc



36 989 sunsilk snc

the elements

structure

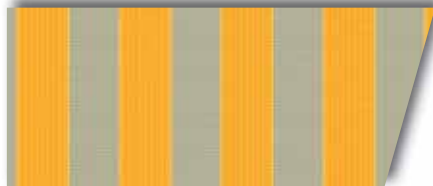
sunsilk snc *signature*



36 952 sunsilk snc

36 995 sunsilk snc

structure



36 969 sunsilk snc

36 990 sunsilk snc

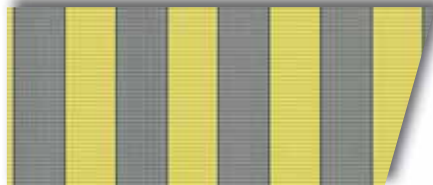
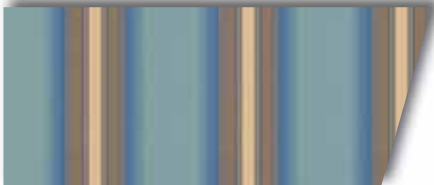
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36 994 sunsilk snc



36 949 sunsilk snc

36 996 sunsilk snc

36 949 sunsilk snc

collection



32 958 sunsilk snc



32 940 sunsilk snc



32 912 sunsilk snc



32 953 sunsilk snc



32 941 sunsilk snc



32 910 sunsilk snc



32 966 sunsilk snc



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36 917 sunsilk snc



32 908 sunsilk snc



32 976 sunsilk snc



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32 951 sunsilk snc



32 962 sunsilk snc



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32 967 sunsilk snc



32 920 sunsilk snc

collection



32 963 sunsilk snc



32 903 sunsilk snc



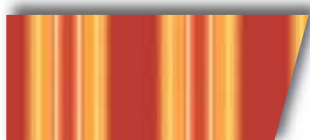
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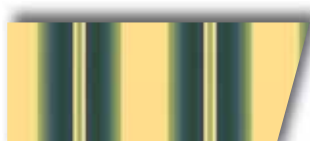
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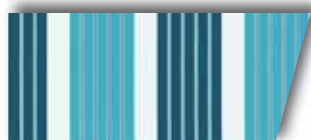


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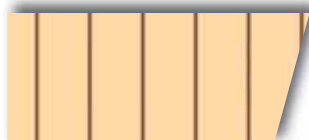
collection



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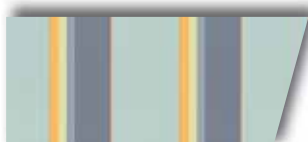
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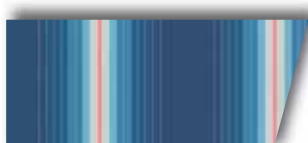
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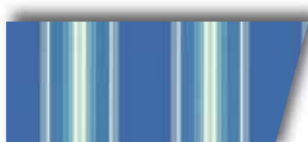
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32 997 sunsilk snc



32 996 sunsilk snc



32 914 sunsilk snc



32 954 sunsilk snc



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32 926 sunsilk snc

collection

sunsilk snc
classic



32 931 sunsilk snc



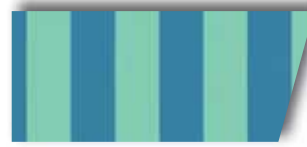
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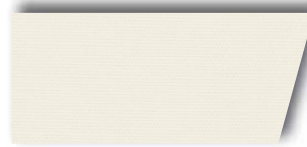


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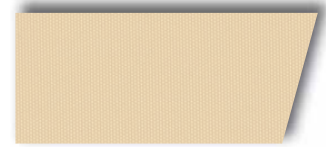


32 929 sunsilk snc

sunsilk snc
plains



32 467 sunsilk snc



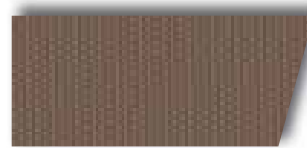
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32 412 sunsilk snc



32 411 sunsilk snc



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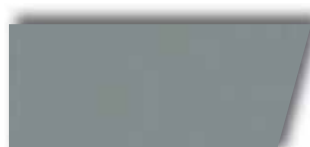
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