

safe · timeless · beautiful



## ***markilux*** awning fabrics

An interaction of light and colour. Full of luminosity and harmony.

For a shade brimming with natural colours. Stylish, modern.

For summer's and winter's dreams in plain and bold colour combinations. For a perfect lifestyle.

Carefully chosen patterns and fabric qualities make your markilux even more attractive.

Discover the many possibilities.

[www.markilux.com](http://www.markilux.com)

**markilux**



## **markilux** products

experience and knowledge out of tradition – ideas and creativity for the future

### **design**

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 technological and textile form.

### **innovation**

markilux awnings did not come into being 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 long term as markilux customers should be able to enjoy their awnings for a long time to come. Many of the ideas we have can be retro-fitted to already existing awning types. This makes our products very long lasting indeed.

### **function**

markilux technology is designed to last for a small eternity. The materials employed are made to the highest specifications so that problem-free operation can be guaranteed for many years.

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### **safety**

Controlled quality from a certified manufacturing facility and certificates from independent testing bodies document the dedication of markilux to quality. The uniqueness of our manufacturing facility - textile weaving mill and awning production unified in one company - leads to the creation of products that leave no wish unanswered.

### **service**

markilux: dedicated to serving the trade. Expert trade dealers are our partners in your area when it comes down to awning advice and fixture. We support these dealers by making training sessions available and transferring textile and awning know-how to them.

### **markilux**

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## **sunsilk snc fabrics**

**The new sunsilk snc fabrics with high colour brilliance, luminosity and self-cleaning properties.**

It is a priceless experience when the new **sunsilk snc** patterns 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 resistancy to ultraviolet light for finely dyed fabrics. This characteristic has been attributed only to customary acrylic materials up to now.

The new **sunsilk snc** fabrics are thinner, smoother and lighter than acrylic awning material. Their technical specifications are equal in all respects, and very often even superior.

**sunsilk snc**, the innovative awning fabric with **self-cleaning effect in rain** (min. 14 degree inclination angle is required for water to run off). The highly dirt-repellent finish guarantees years of radiant colours.

The illustration shows 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.



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



32 939 sunsilk snc



32 961 sunsilk snc



32 990 sunsilk snc



32 938 sunsilk snc



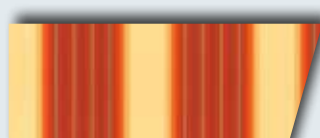
32 909 sunsilk snc



36 917 sunsilk snc



32 908 sunsilk snc



32 976 sunsilk snc



32 964 sunsilk snc



32 951 sunsilk snc



32 962 sunsilk snc



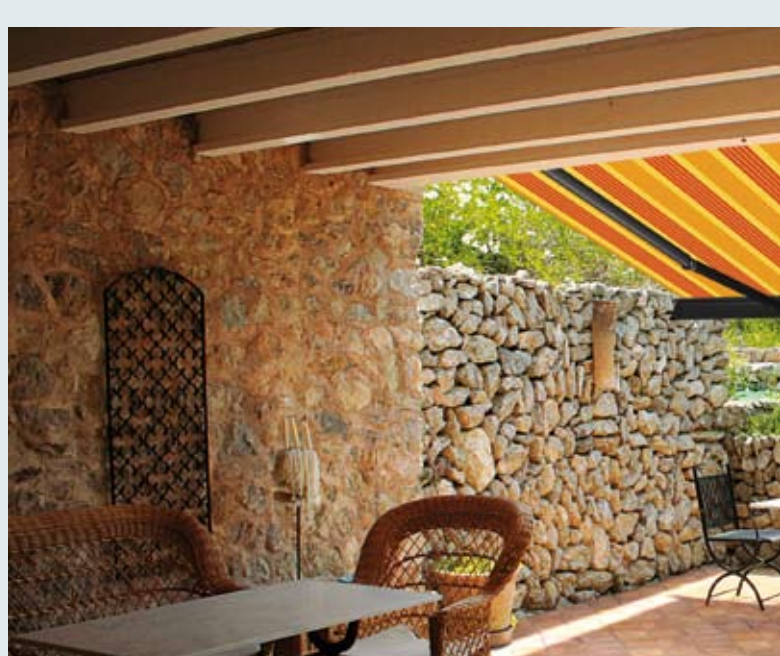
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32 967 sunsilk snc



32 920 sunsilk snc







32 963 sunsilk snc



32 903 sunsilk snc



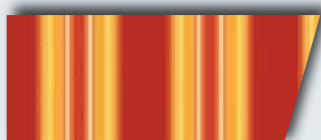
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32 965 sunsilk snc



32 947 sunsilk snc



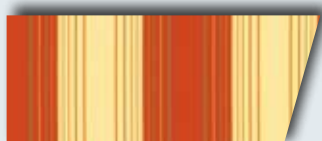
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32 977 sunsilk snc



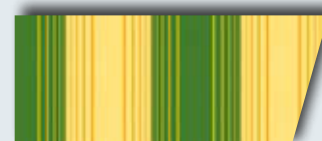
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32 923 aunsilk snc



32 936 sunsilk snc



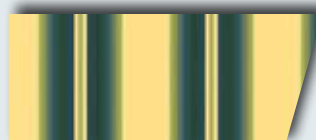
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32 959 sunsilk snc



32 946 sunsilk snc



32 919 sunsilk snc

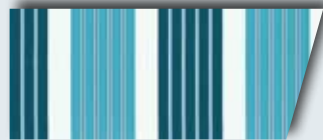


*markilux awning covers made from the patterns depicted are normally bonded or stitched together using panels 120 cm wide; the images do not show the full width of the fabric.*

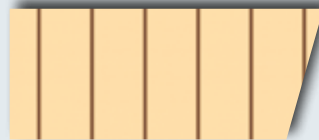
*The actual fabric colours may differ slightly from those shown in the images.*



32 913 sunsilk snc



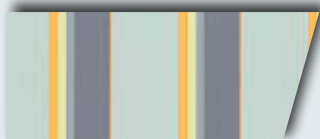
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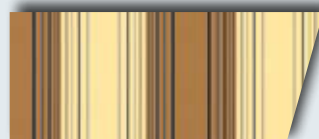
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32 968 sunsilk snc



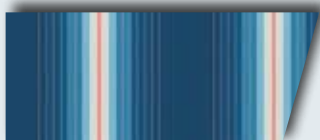
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32 924 sunsilk snc



32 979 sunsilk snc



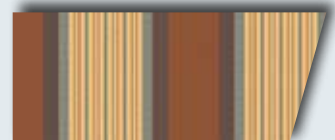
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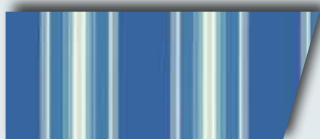
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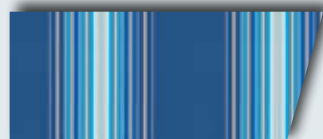
32 902 sunsilk snc



32 927 sunsilk snc



32 937 sunsilk snc



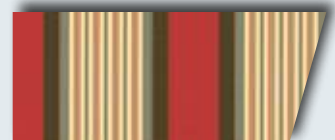
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32 948 sunsilk snc



32 928 sunsilk snc



32 926 sunsilk snc



32 997 sunsilk snc



32 996 sunsilk snc



32 914 sunsilk snc



32 954 sunsilk snc

## sunsilk snc *classic*



32 931 sunsilk snc



32 992 sunsilk snc



32 991 sunsilk snc



32 933 sunsilk snc



32 934 sunsilk snc



32 930 sunsilk snc



32 932 sunsilk snc



32 995 sunsilk snc

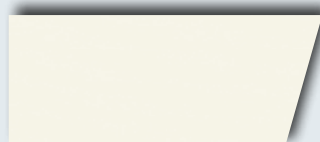


32 993 sunsilk snc

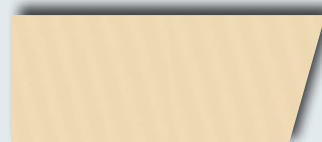


32 929 sunsilk snc

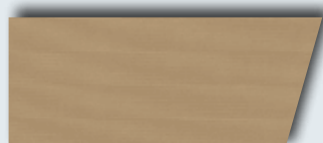
## sunsilk snc *plains*



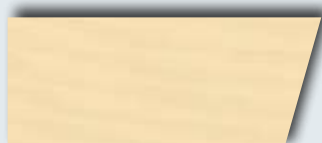
32 467 sunsilk snc



32 417 sunsilk snc



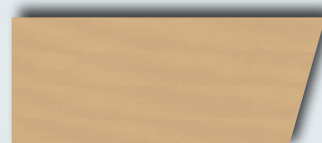
32 437 sunsilk snc



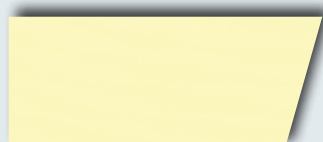
32 407 sunsilk snc



32 447 sunsilk snc



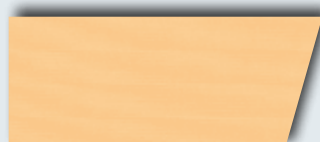
32 427 sunsilk snc



32 421 sunsilk snc



32 401 sunsilk snc



32 412 sunsilk snc



32 411 sunsilk snc



32 422 sunsilk snc



32 402 sunsilk snc



32 403 sunsilk snc



32 413 sunsilk snc



32 435 sunsilk snc



32 445 sunsilk snc



32 405 sunsilk snc



32 466 sunsilk snc



32 456 sunsilk snc



32 408 sunsilk snc



32 428 sunsilk snc



32 418 sunsilk snc





## acrylic fabrics

### awning fabrics made of spun-dyed acrylic in renowned quality

An harmonious combination of shape and colour, creating smooth transitions. This is the approach of modern home design - both inside and outside. This is why nowadays the interior furnishings, the conservatory and the patio are colour matched with great care.

For the light under the awning influences the atmosphere in adjacent rooms. The ingenious colour schemes and patterns of the current markilux collection take up stylistic elements of today's home furnishing trends resulting in a coherent overall design of the adjoining living areas.

Our awning fabrics made from acrylic fibres are designed especially for outdoor use. They are extremely tear resistant, ultra colourfast, weather resistant and impervious to decay.

Thanks to a high quality SFC finish (Teflon) they repel dirt, grease and oil while also being air-permeable.

*The actual fabric colours may differ slightly from those shown in the images.*





34 671 acrylic



34 735 acrylic



34 701 acrylic



34 702 acrylic



34 451 acrylic



34 646 acrylic



34 623 acrylic



34 716 acrylic



34 614 acrylic



34 601 acrylic



34 453 acrylic



34 727 acrylic



34 562 acrylic



34 568 acrylic



34 624 acrylic



34 452 acrylic



34 538 acrylic



34 534 acrylic



34 672 acrylic



34 542 acrylic



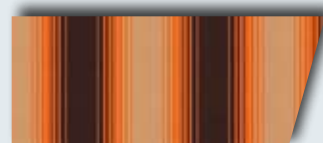
34 511 acrylic



34 575 acrylic



34 632 acrylic



34 662 acrylic



34 446 acrylic



34 439 acrylic



34 683 acrylic



34 424 acrylic



34 456 acrylic



34 507 acrylic



34 666 acrylic



34 610 acrylic



34 566 acrylic



34 611 acrylic



34 563 acrylic



34 510 acrylic



34 686 acrylic



34 758 acrylic



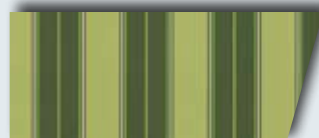
34 723 acrylic



34 626 acrylic



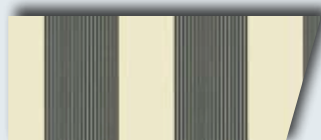
34 674 acrylic



34 426 acrylic

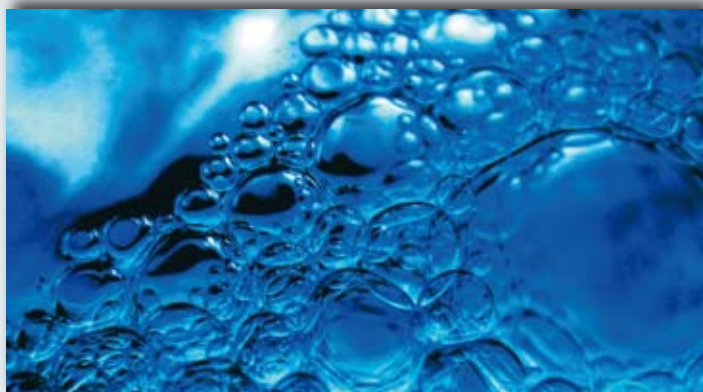


34 454 acrylic

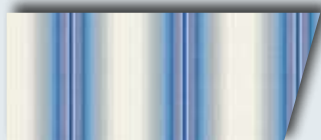


34 673 acrylic





34 675 acrylic



34 553 acrylic



34 560 acrylic



34 751 acrylic



34 625 acrylic



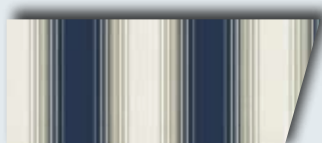
34 423 acrylic



34 515 acrylic



34 425 acrylic



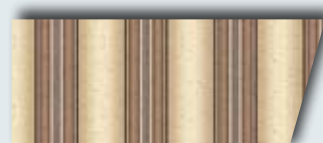
34 714 acrylic



34 455 acrylic



34 427 acrylic



34 543 acrylic

## acrylic classic



34 108 acrylic



34 121 acrylic



34 107 acrylic



34 138 acrylic



34 122 acrylic



34 112 acrylic



34 172 acrylic



34 102 acrylic



34 105 acrylic



34 179 acrylic



34 113 acrylic



34 104 acrylic



34 173 acrylic

# acrylic plains

colours with the code 34 9xx  
are also available as oversized fabrics.

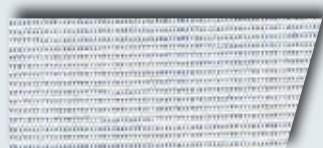
\* also available as markilux transolair (see page 14)



34 201 acrylic



34 219 acrylic



34 275 acrylic



34 277 acrylic



34 271\* acrylic



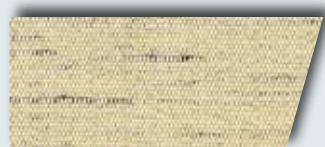
34 220 acrylic



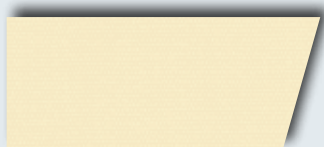
34 217 acrylic



34 218 / 34 918 acrylic



34 221 acrylic



34 252 acrylic



34 372 acrylic



34 241\* / 34 941 acrylic



34 371 acrylic



34 381 acrylic



34 209 acrylic



34 348 acrylic



34 228\* / 34 928 acrylic



34 232 acrylic



34 224 / 34 924 acrylic



34 226\* / 34 926 acrylic



34 256\* / 34 956 acrylic



34 257 acrylic



34 244 acrylic



34 227 acrylic



34 213\* / 34 913 acrylic



34 345 acrylic



34 214 acrylic



34 225\* / 34 925 acrylic



34 291 acrylic



34 205 acrylic



34 265\*



34 249 acrylic



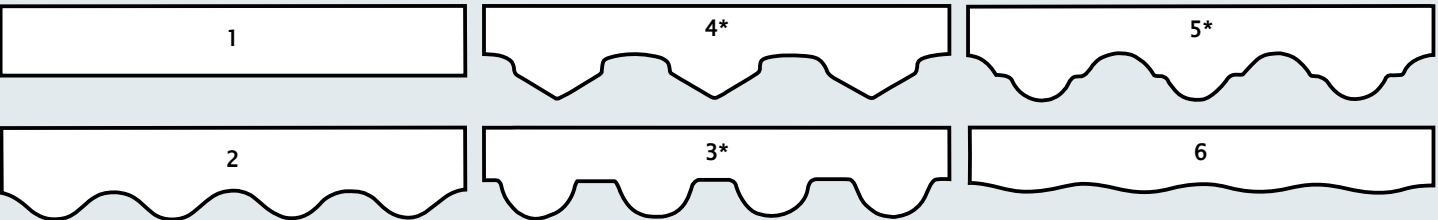


# *braid colours and valance shapes*

The standard braid colour is chosen to match the fabric. However, should you wish to have a different colour, kindly choose from the colour range shown.  
 The valance always matches the cover as it is cut from one piece of material. The ends on both sides are finished off symmetrically. Furthermore the crests and troughs of the valances are aligned with the individual stripe sequence. Valances that are delivered at a later date cannot be produced in an exact match to the already existing pattern.

				
298 01	298 21	298 28	298 39	292 11
				
298 10	298 32	298 24	298 26	298 56
				
298 86	298 27	298 42	298 66	292 46
				
298 30	298 14	298 25	298 92	298 41
				
298 23	292 87	298 38	298 48	298 47
				
298 33	298 65	298 49		

\* valance shapes at extra cost



## *transolair*

transolair was designed with a special perforation technique to ensure sufficient transparency and permeability to light, air and wind. We recommend transolair for use in conservatories and for window blinds.



## *transilk*

A specially dyed light-fast polyester material, highly tear resistant and UV stable thanks to a special UV absorber. Beside the high fastness to weathering, transilk is flame retardant acc. to DIN 4402 B1/M1 Non Feu (B+F) / Classe 1 (I)/BS 5862 (GB). The Teflon finish of the fabric offers a repellent impregnation against dirt, water and oil. We recommend the use of this light, air and water-permeable shading fabric for conservatories as well as for vertical and window blinds.



## *perfotex*

The special fabric for conservatory awnings made from spun-dyed acrylic yarns in proven quality and highest light and weather fastness. The specially woven fabric permeable to light and air gives a comfortable transparency and prevents the formation of water pockets that can put strain on the fabric. A high quality SFC finish (Teflon) offers proven „protection from dirt“ and provides the fabric with its water-repellent properties. The markilux 8000 and markilux 8500, with special, stabilizing construction technique, have a special double seam every 60 cm. The markilux 780/880 are made from panels 120 cm wide.



Your markilux dealer will make original samples of transolair, transilk and perfotex available to you.

## *The right care for your awning fabric*

So that you can enjoy your awning fabric for a long time to come we would like to give you some care tips: dry dust can be removed with a soft brush.

Leaves or similar debris should be removed immediately. Small spots are to be treated with water in solution with a generally available preferably liquid, detergent intended for delicate fabrics (soapy solution 5%; water temperature max. 30 degrees). Rinse thoroughly with water.

Detailed instructions for the awning purchaser showing all relevant information for its operation, care and maintenance are included with every awning delivery.

# the markilux awning configurator

Design your „dream awning“ individually and with the digital help of the markilux awning configurator.

Choose your desired awning fabric from our programme. Combine it with your house type, as well as different frame and end cap colours.

Thanks to unique animations and perspectives, you can build a real-life picture of the awning.

Ask your specialized awning dealer or order your personal configurator online from

[www.markilux.com](http://www.markilux.com)



## Quality and appearance are the factors that will convince you to choose markilux awning fabric

With the purchase of a markilux awning cover you have chosen a high-quality product. All markilux materials are produced on the most modern of looms. This guarantees high freedom from defects. Furthermore, thorough quality controls guarantee that only functionally perfect fabric free from defects is despatched.

But awning fabrics do not only serve as an effective sun-screen. They also decisively influence the hue of the ambient light and therefore the atmosphere under an awning. For an even more intense "colour experience" in the shade, markilux offers, apart from traditional acrylic fabrics, awning fabric made from sun-silk snc, an innovative high-tech fabric.

### Effective Protection from UV Radiation

Health protection is gaining ever more in importance in our leisure time due to increased UV radiation. Therefore, when purchasing an awning, it is important to know, how much harmful

UVA and UVB radiation can penetrate the fabric. markilux fabrics in darker colours offer 100 percent protection. Lighter colours (right up to plain white) can stop up to 97 percent of UV radiation. These statements are based on tests made by The Hohenstein Research Institute and by the manufacturer of our woven fabric yarns. All fabrics achieve the highest possible sun protection factor for textiles (UPF 50+). The UPF (Ultraviolet Protection Factor) indicates how much longer you can expose yourself to the sun without using a sunblocker. Woven fabrics with a sun protection factor of UPF 50+ allow you, at least theoretically, to stay in the sun fifty times longer without getting sunburnt than the self-protection factor of that individual's skin would otherwise allow.

In order to determine the sun protection factor required, you would have to know the self-protection time of your skin and the duration you would like to stay in the sun (self-protection time x sun protection factor = maximum sunbathing duration). Important: Only direct solar radiation is reduced and absorbed by the protective solar fabric, not however any reflected UV radiation.

### Better Appearance thanks to Bonded Fabrics

The new ultrasonic adhesive technique gives a better look to awning fabrics. Its longevity has been successfully tested. The highly compressed surface adhesion offers many advantages: The panel joints (seams) are waterproof and resistant to light and temperature variations under normal conditions. Thanks to its smoother surface, the fabric has a longer life-span. Another advantage of the adhesive technique is the prevention of premature aging of the thread caused by UV and the effects of the weather.

### Awning Fabrics on markilux Awnings

We have been supplying our awnings with bonded fabrics since 2006. Should you wish to receive covers stitched in the conventional manner, please mark this clearly on your orders. For both production techniques we offer uniform prices for all markilux awnings. Exception: Fabrics from our competitors' collections, perfortex and fabrics for the markilux 8000 and 8500 conservatory awnings are supplied stitched for technical reasons.

### Made-to-measure Awning Covers

As a rule, when ordering covers that have to be manufactured, we would ask you to indicate whether you would like to receive your cover stitched or bonded. When ordering bonded fabrics, please note that there is a surcharge (shown in our pricelist - see the page on awning covers) for this service.

## Characteristics of Awning Fabrics

Awning covers are industrially manufactured textile products which are intended to play both a functional and a decorative role.

They are high-performance products that meet strict technical requirements and undergo extensive laboratory testing. Criteria such as water impermeability, rigidity, dirt/water-repelling 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 around the seams and centrally in the panel

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 a roller the two layers of fabric are forced to assume two different diameters thus creating tension within the fabric. The tension of the folding arms and the weight of the roller and/or the 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 resistant to rain during short, light rainfall. During lengthy spells of rain 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 fabric taut almost permanently. Although seams and hems provide reinforcement, they also have to withstand the most strain. When the fabric 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.

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

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In connection with the above, we refer you to the brochure „awning fabrics“, Bundesverband Konfektion Technischer Textilien e.V. (German Association for the Production of Technical Textiles), Parkstraße 60, 41061 Mönchengladbach, supported by the Bundesverbandes Rolladen + Sonnenschutz e.V. (German Association for Shutters + Sun Protection Systems), Hopmannstraße, 53177 Bonn.



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02/08 — subject to technical changes

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