

Enjoy the summer
Sun Sails by CARAVITA

CARAVITA®

Overview



Shapes of sun sails

An overview of the typical shapes of a sun sail.

11



Sun sail >>Home Comfort<<

Enjoy your time outdoors with the high quality sun sails for every application.

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Sun sail >>All Season<<

Summer all year round! All Season sun sails are extremely robust and defy wind and weather.

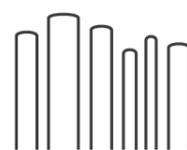
18



Planning a sun sail

Planning a sun sail has never been so easy. We'll accompany you on your way to your perfect sail.

22



Poles for sun sails

Available in aluminium and stainless steel with decorative finials in various shapes.

28



Accessories

Eye bolts, eye nuts, snap hooks, turnbuckles, stainless steel cables, pulleys, shackles and wall mounting brackets.

31



Colours

Colour charts for fabrics and poles.

37

25 YEARS CARAVITA®

What started out in 1993 with a simple idea and a single shade, grew to be a worldwide successful concept with shade solutions for every application. For more than 25 years we have successfully been pursuing our goal, to devise and produce innovative, high-quality shade products - suitable even for the most discerning clients.

Therefore...

...aluminum and stainless steel are the basis of our engineering. They provide toughness and longevity.

...we use ingenious mechanisms for comfortable and easy handling.

...our fabrics are weather resistant. They can discreetly grace your terrace or become a colourful statement.

...our products are handcrafted by responsible and qualified professionals.

Today CARAVITA® is one of the leading brands for premium shades and sun sails as well as a synonym for quality and design. The variety of creative options impresses designers and architects around the world.

Our many specialty retailers, worldwide, provide local service and support.

Experience a summer with CARAVITA®, where your outdoor spaces come to life.



Gunther Wettengel, legal representative



Quality and flawless looks for years to come

CARAVITA sun sails are made for permanent installations and built to withstand wind and weather. Only the best outdoor fabrics guarantee a long life and an attractive look. They impress with:

- a wide choice of colours
- a high degree of colour fastness
- a weather resistant impregnation
- an efficient glare protection
- a reliable protection against UV-rays

The unique impregnation makes the sail especially weather resistant. The fabric becomes impermeable for water, and even dust and dirt are mostly repelled by the specially treated surface.

Poles and accessories are made of non-corrosive stainless steel, steel or aluminium. They emphasize the precious appearance of the sail and the high quality standards of CARAVITA. Quality you can rely on.

Like a light summer breeze



A splash of colour on any building, either hanging loosely or stretched tight. CARAVITA sun sails are shade and decoration all at once.



Individually designed sun sails by CARAVITA

Versatile and creative!

Only CARAVITA offers such a wide range of possibilities to customize your individual sun sail.

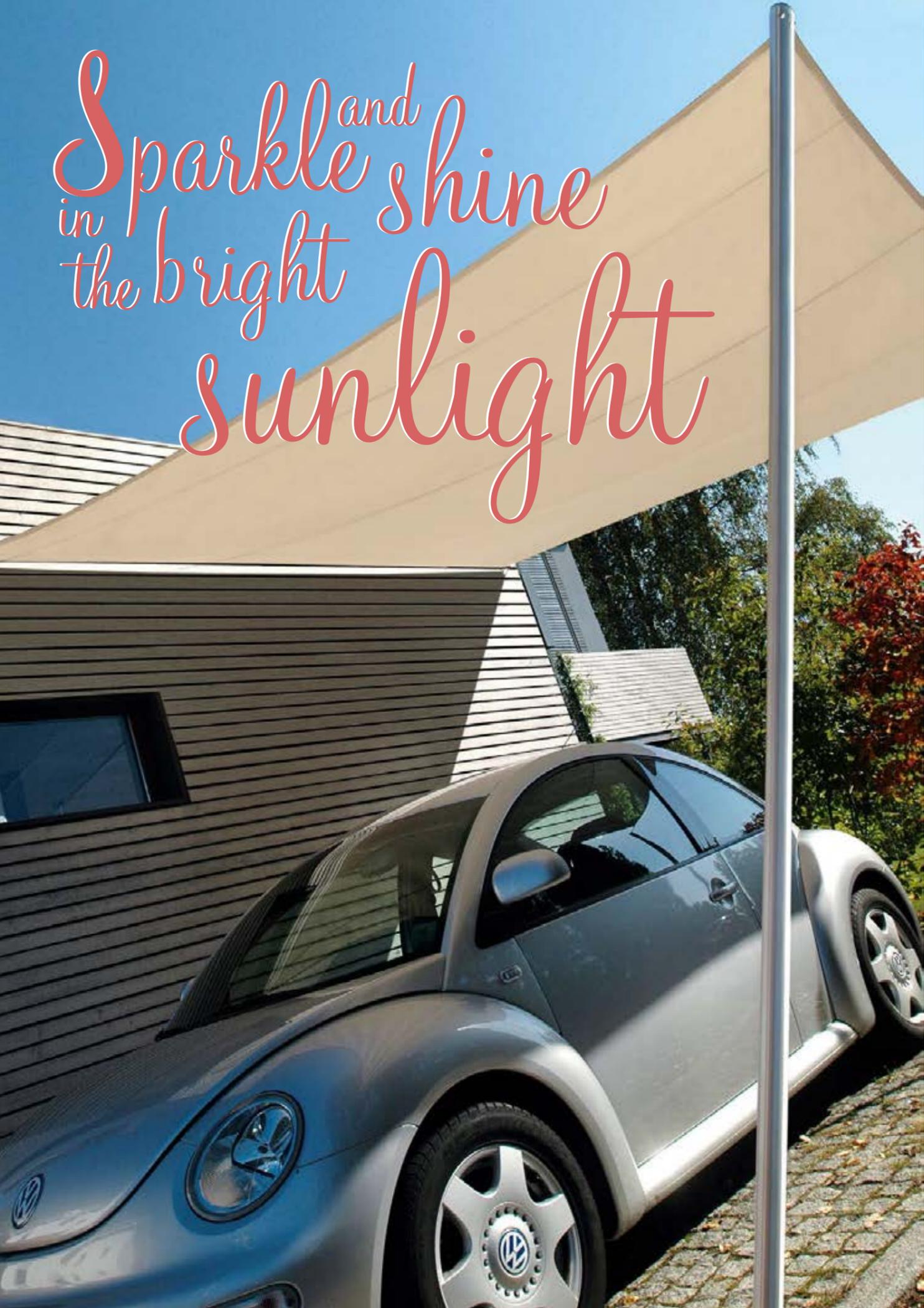
Whether free-standing or attached to the house - CARAVITA sun sails are suitable for almost every site. With CARAVITA your sun sail turns into a visionary piece of architecture for home and garden, floating as if weightless above the shaded area.

Whether standard or customized, CARAVITA sun sails comfortably reduce intense sunlight.

Depending on the desired characteristics of the fabric, your sun sail protects you against sun and rain. Stay outside longer on mild summer nights. CARAVITA sun sails keep the cool air from above away for a little while.

Favourite colour? No problem! You can choose from more than 130 colour options to find your perfect match.

Sparkle and shine
in the bright
sunlight



Wherever additional shade is desired, sun sails are the ideal and flexible solution.

Reliable

Quality and durability

CARAVITA sun sails stand for quality. Only the finest materials are used, with special attention being paid to the precise manufacturing down to the smallest detail. Waterproof lapped seams, reinforced corners, triangle shaped rings and eyelets made of stainless steel as well as the most modern techniques of manufacturing guarantee that you'll enjoy your sun sail for a long time.

You can count on CARAVITA sun sails. They are extremely robust and durable. The high-quality fabrics are weather resistant and can be used from spring to autumn. Create your own place out in the open!

Versatile

A high-end product usable in many ways

Whether you put it above the swimming pool, the terrace or use it as a shade in hospitality - CARAVITA sun sails make quite a statement with their elegant design and combine form and function perfectly. In summer, when the sun is at its brightest, sun sails invite you to linger in the shade. Furthermore, they can serve as rain protection and provide privacy.

Below a sun sail you can stay outdoors even longer. The UV-resistant premium fabrics protect you against the sun - swimming, having a barbecue, relaxing and playing outside can be enjoyed even longer and are much more fun!



Outdoor dreaming - CARAVITA sun sails fit harmoniously into any ambience.



A sail-covered terrace can be used from spring to autumn.

Someewhere
between heaven
and earth



Customization

Individual sun sails



Home Comfort or All Season

Home Comfort sun sails are your companion during the most beautiful hours of summer. They can be easily assembled or disassembled and provide perfect sun protection and atmosphere. Find more information from page 12 onwards.

All Season sun sails will protect you against the sun throughout the entire season. The massive construction is prepared to defy wind and weather (snow loads excluded) and is the right choice when it comes to shading large areas. Find more information from page 18 onwards.

Professional Statics

For extensive All-Season-projects, like restaurants, kindergartens or pool areas, we offer to consult a structural engineer upon request, who will analyze your construction regarding feasibility. This way it's easy to find the optimal pole thicknesses and points of fixation.



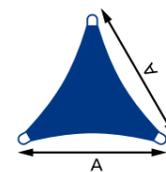
Sun sails exactly as you desire

Customized sun sails provide you with countless possibilities to shade your favourite place. Share your visions with us and we will produce your individual sun sail according to our high production standards. Opt for a standard sun sail shape or for a custom polygon (see below). Thanks to our CAD-based production, even complex shapes can easily be realized.

Find tips and detailed instructions for planning your sun sail on page 22.

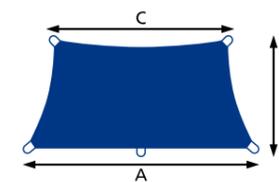
Various shapes of sun sails

Triangular, equilateral



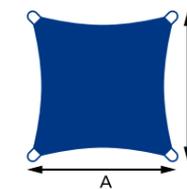
The triangle is the most simple and best shape. It is the easiest shape to be measured, calculated and stretched.

Trapezoid



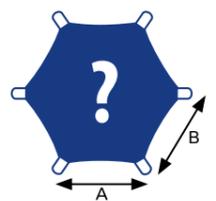
Ideal shape to be stretched between wall and poles. This is a typical alternative for conventional awnings. With an additional eyelet in the middle for attachment to a wall.

Square



Free-standing square. Ideal to be used between poles made of aluminium, steel, or stainless steel.

Polygon



A polygonal sun sail? This is possible. Let your creativity run wild! We want your sun sail to look according to your wishes.



Home Comfort

The sun sail for home and garden.
Lightweight and mobile. For the most
beautiful hours of summer.



Home Comfort

Enjoy the most beautiful days of the year even more below the protecting cover of a Home Comfort sun sail. Rest and relax at your favourite place in your garden. With the Home Comfort sail you create your personal oasis of rejuvenation. Enjoy the cosy warmth below your sun sail a little longer, when it gets cold in the evening - the most beautiful way to let a summer day come to an end.

Home Comfort sun sails can be set up quickly and uncomplicated. They are available in many standard shapes and sizes. In case you should not find the sun sail suitable for your requirements, we offer customized solutions for your individual needs.

Home Comfort sun sails possess special quality characteristics. The corners are reinforced and the edges are double-hemmed. Triangle shaped rings provide stability in the corners. A surrounding, extra strong belt ensures an equal distribution of the tensile forces in the sun sail.

With Home Comfort, there are no limits to your freedom of design. Choose your favourite colour from more than 130 options. Find matching poles made of steel, stainless steel and powder-coated aluminium from page 28 onwards.



Loosely stretched sun sail covering the sand box of a kindergarten.

Home Comfort Specifications

Home Comfort



Available as

- Custom made
- Standard size



Ideal for sizes up to 600 x 600 cm

Extra strong corners

Reinforced with double sewed awning fabric; triangle shaped rings and eyelets made of stainless steel incorporated into the webbing belt.

Robust edges

Double-seamed with surrounding webbing belt in the seam.

Waterproof lapped seams

Extremely resistant and robust.

Available in more than 130 colours

As premium acrylic awning fabric, fire resistant or Tentmesh which is permeable to water. For colour charts see page 36 onwards.

Custom-made production

Custom-made sun sails are the right solution for every location and are produced to be precisely according to your wishes.

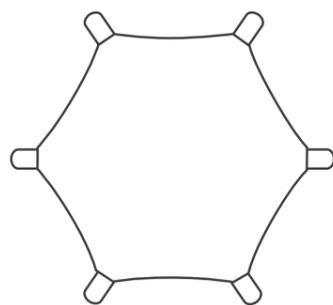
The shape, the number of corners, the length of the sides, additional triangle shaped rings or eyelets for fixation and much more - it is all up to you!

Thanks to our CAD-based production, even complex shapes can be manufactured easily.

If you are planning the construction of a particularly complex sun sail, local architects and specialty retailers can provide valuable help.

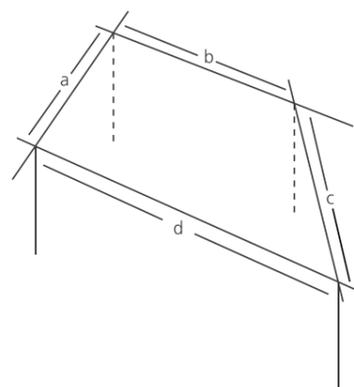
Share your visions with us and we will produce your individual sun sail according to our high production standards.

Tips and detailed instructions for planning your custom made sun sail can be found from page 22 onwards.



Shapely!

The shape and the number of corners is all up to you.



Custom-fit!

Your sun sail will be manufactured precisely according to your specifications.

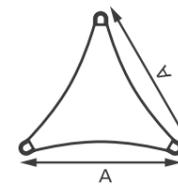


Colourful!

You choose the material and the colour of your sun sail.

Standard sun sail shapes and dimensions

Triangle, equilateral

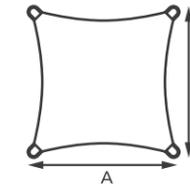


All side edges channeled. Corners with triangle shaped rings made of stainless steel. Ideal as a free-standing sun sail with three poles or to be fixed to walls and poles.

A

300 x 300 x 300
350 x 350 x 350
400 x 400 x 400
450 x 450 x 450
500 x 500 x 500
550 x 550 x 550
600 x 600 x 600

Square

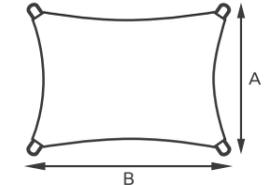


Side edges channeled. Corners with triangle shaped rings made of stainless steel. Ideal as free-standing sail with four poles or fixed to a wall and two poles.

A

300 x 300
350 x 350
400 x 400
450 x 450
500 x 500
550 x 550
600 x 600

Free-standing rectangle

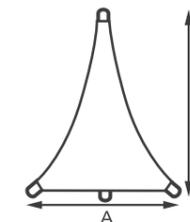


Side edges channeled. Corners with triangle shaped rings made of stainless steel. Ideal as free-standing sail with four poles or fixed to a wall and two poles.

A / B

300 x 400
300 x 500
400 x 500

Triangle, isosceles

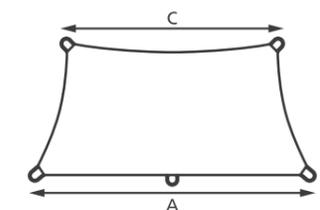


Straight base line, with an additional attachment point in the centre. 2 sides channeled. Corners with triangle shaped rings made of stainless steel. Ideal to be fixed to a wall and one pole.

A / H

300 / 250 400 / 400
300 / 300 400 / 450
300 / 350 400 / 500
300 / 400 450 / 400
350 / 300 450 / 450
350 / 350 450 / 500
350 / 400 500 / 400
350 / 450 500 / 450
350 / 500 500 / 500
400 / 350

Trapezoid

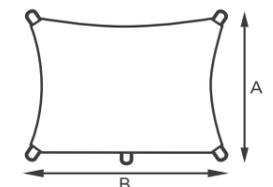


Straight base line, with an additional attachment point in the centre. Three sides channeled. Corners with triangle shaped rings made of stainless steel. Ideal to be fixed to a wall and two poles.

A / H / C

300 / 200 / 200
300 / 300 / 200
350 / 300 / 250
350 / 350 / 250
400 / 300 / 300
400 / 350 / 300
500 / 300 / 400
500 / 350 / 400
500 / 400 / 400

Rectangle for fixating to a wall



Straight base line, with an additional attachment point in the centre. Short sides and front channeled. Corners with triangle shaped rings made of stainless steel. Ideal to be fixed to a wall and poles.

B / A

300 / 250
350 / 300
400 / 250
400 / 300
400 / 350
450 / 300
450 / 350
450 / 400
500 / 300
500 / 350
500 / 400

New at **CARAVITA**[®]



Extremely robust sun sail
to defy wind and weather!

- Surrounding \varnothing 6 mm stainless steel cable
- Massive corners made of stainless steel
- Tentmesh fabric permeable to water

Sun sail
All Season

All Season Specifications



All Season



Available as
• Custom made



Perfect for
stormproof
projects and
especially large
sun sails

Water permeable HDPE-net available in 16 colours

Robust fabric, permeable to water and air, filters up to 98% of UV-rays.
For the colour chart of Tentmesh HDPE-net see page 41.

Robust manufacturing with \varnothing 6 mm stainless steel cable

Welded mesh elements with 6 mm stainless steel cable inside an all around seam.
Sewed with high quality PTFE yarn.

Massive stainless steel corners

Double reinforced corners with massive stainless steel clamping fixtures. All tensioning cables can be adjusted individually. Incl. large turnbuckle with breaking load of 3 t.

For stormproof installations

Individual statics on request.

A sunsail for the whole season

All Season protects you against the sun all over the year and therefore is the right choice for permanent installations.

This extremely robust construction has a massive stainless steel three-way-turnbuckle for fixation in the corners. The edges of the sun sail have a \varnothing 6 mm stainless steel cable inside. Although the solid HDPE-Tentmesh is permeable for water and air, it still protects against up to 98% of the UV-rays.

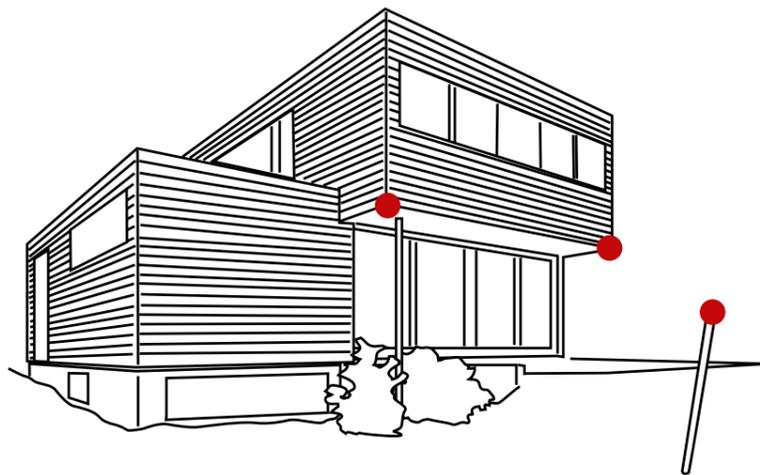
For this reason All Season sun sails are not only for protection against wind and weather (snow loads excluded), they are also the best choice for shading very large areas.

To support your planning-process and your choice of suitable accessories, we can provide professional statics and precise shade route simulations for your project upon request.

1 Select attachment points

For readers in a hurry:

- Choose suitable attachment points for your sun sail, e.g. on walls and poles.
- Consider the declination of 30 %.
- Consider building codes, subterranean pipes, environmental factors etc.



Choose the attachment points for your sun sail. Please remember that the walls must be suitable to attach the sun sail.

How to find the optimal attachment point for your sail

To shade your desired area, you have to find suitable attachment points.

Sun sails can be attached to house walls, special poles or even on rafters and balcony railings (if sufficient stability is provided).

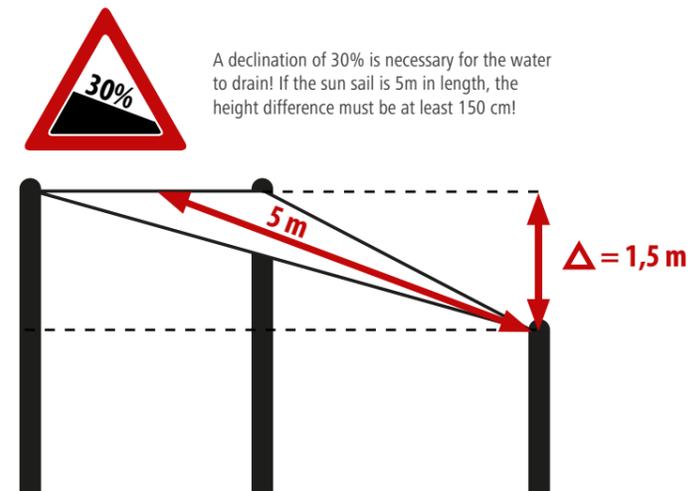
Be cautious if you want to attach your sun sail to a wall. Depending on the material of the structure (concrete, bricks, etc.) appropriate mounting material is available at your local hardware store. An expert will assist you in making the right choice.

Important - Drainage!

There must be a **declination of at least 30%** between the highest and the lowest point in the direction of the water flow. This means **30 cm** per 1m distance.

So if the sun sail is **5 m** in length, the height difference must be **150 cm**.

Moreover experience showed that water drains best over a corner, not over the centre of the side edge. So it is best if you plan your sail with a corner as the lowest point to which the water can drain from all directions.



A declination of 30% is necessary for the water to drain! If the sun sail is 5m in length, the height difference must be at least 150 cm!

The lowest point is a corner. This way the water can drain easily.



What should you consider when choosing a location:

Research local building codes that may restrict or prohibit setting up sun sails.

Is the masonry suitable? Depending on the material of the structure, different hardware for attachment is required. In case of doubt, a specialty retailer or another expert should be consulted.

Are there any subterranean pipes or other obstacles that may prevent placing a concrete foundation for the poles?

Is the location exposed to extreme wind conditions? If sudden, strong winds occur frequently, you should use a mesh fabric and provide additional attachment points.

How many attachment points?

We recommend to plan for an attachment point every 3-5 m. This way even big sun sails with sides of up to 10-20 m can possibly be realised.

Sun sail poles

Poles are used to support free-standing sun sails. They are made of steel, stainless steel or aluminium and come in various sizes. A selection and more information can be found from page 28 onwards.



Wall brackets

Various types of wall brackets made of corrosion-free stainless steel and suitable for installing sun sails can be found from page 34 onwards.



2 Simulate the sun sail

How to get a first impression of your sun sail

Suitable attachment points were found? Then now is the time to get a first impression of your future sun sail!

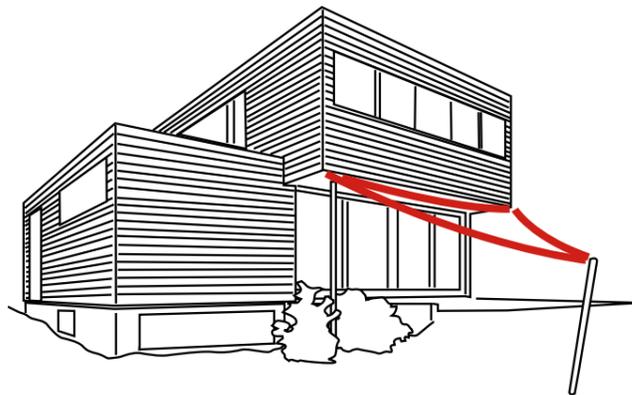
To do that, just tighten a string between the planned attachment points.

With this easy technique you are able to ...

- see the shaded area of your sun sail.
- watch the route of the shade during the course of the day.
- make modifications to achieve the perfect route of the shade.

For readers in a hurry:

Simulate your sun sail using a string to watch the route of the shade during the course of a day.

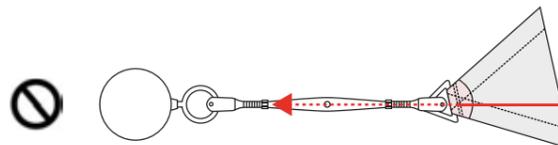
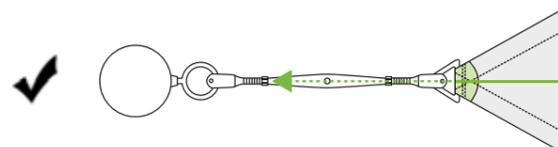


A simple string is used to simulate the side edges of the sun sail.

Small nails can help to fix the string. Poles can be represented by wooden laths.

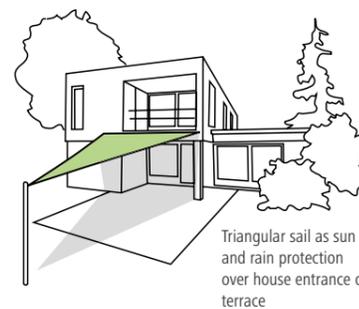
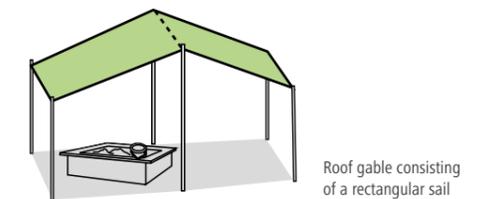
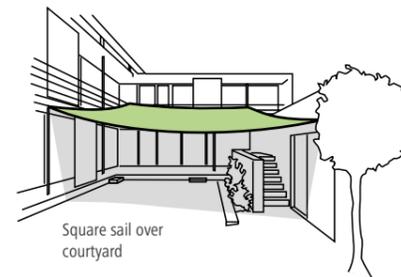
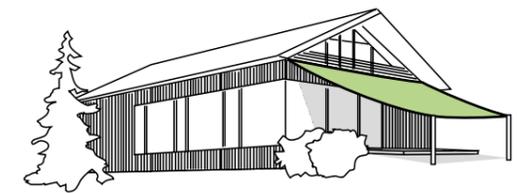
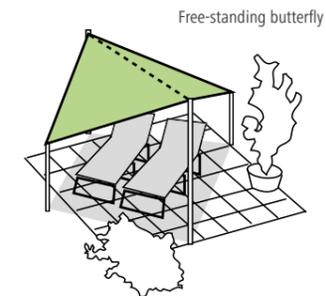
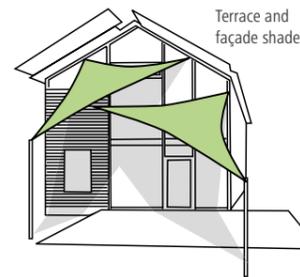
Please note:

Try to achieve an identical match of the pulling direction and the bisector of the corner when you plan your sun sail (see sketch). This way tensile forces are distributed optimally across the sun sail and provide a flat and even surface.

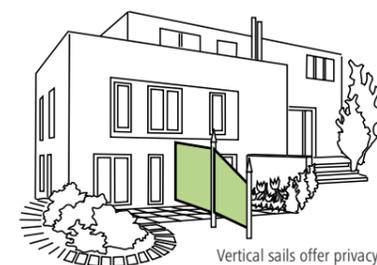
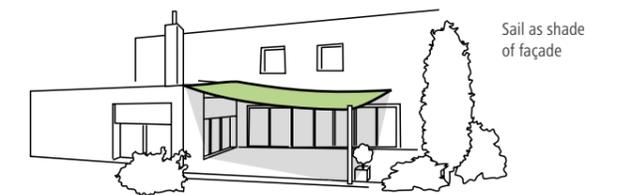
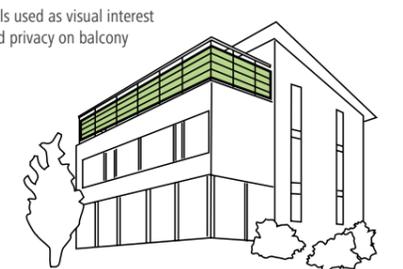


Inspirations

Whether sun-, wind or privacy protection: CARAVITA sun sails offer numerous interesting possibilities!



Sun and wind protection as well as visual cover. Combination triangular sails.



3 Measure the sun sail

For readers in a hurry:

- Order necessary mounting accessories
- Determine the exact measurements of the sail by fastening a string to the attachment points.
- Plan for scope to maintain tension

Determine the final measurements

Once you are sure to have found the right position for your sun sail, order and install the mounting accessories - e.g. wall brackets, poles, etc.

As soon as everything is installed, the final measurements of your sun sail can be taken. To do that, pull a string or a measuring tape through the attachment points. Adjust the turnbuckles to their maximum length and provide pulleys with sufficient scope to tighten afterwards. From this frame of strings, you can take the exact measurements of the sun sail.

Caution!

Your measurements should be rather too short than too long. It is not possible to make oversized sun sails smaller. However, small sails expand over time. Until then an additional snap hook can bridge the distance.

Plan for scope!

Fabrics expand over time. To ensure the sail is taut and to provide rain protection, tensioning devices are used.

Therefore you should provide sufficient scope between sail and attachment point to install a turnbuckle or cable pulley.

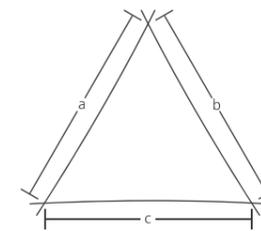
Scope should be:

- For turnbuckles the maximum length of the turnbuckle.
- For cable pulleys about 5% of the side edge or the diagonal.

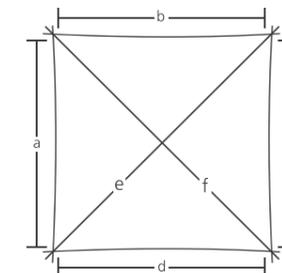
These dimensions are required:

Enter the measurements of your sail into a simple sketch. We will produce your sun sail according to this sketch. Deviations of up to 2% are possible during production.

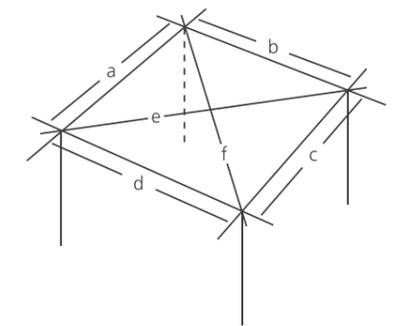
Your sketch could look like this. Please specify the dimensions for a, b, c, d, e and f.



Triangles:
All three sides.



Rectangles:
All sides and diagonals.



Five or more corners:
All sides and diagonals. If possible even the heights of the attachment points.

Turnbuckle

The external "forks" of the turnbuckle can be screwed in or out. This way the length of the turnbuckle can be adjusted and help to maintain the tension of your sail. Find more information on page 32.



4 We'll take care of the rest...

What's next?

Once you order, we will create a construction drawing of your sun sail based on the provided information. This drawing will serve as the basis for the production of your individual sail. If all of the dimensions and details in the drawing are correct, you can approve the drawing and have your sail produced.

For readers in a hurry:

- Order the sun sail, specifying
- the dimensions
 - the used accessories

Sun sail poles:

Aluminium pole Ø 50 mm

Available in the colours white RAL 9016, anthracite grey RAL 7016, anodized silver or, for an additional fee, any RAL colour of our chart (p.42). For added strength, masts are reinforced with a galvanized steel-pipe on the inside.

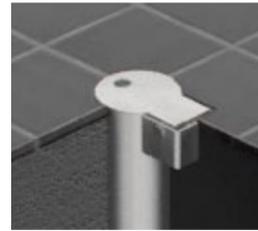


Anchorage

Aluminium poles cannot be set directly into concrete!

Ground sleeve Europe is required for installation. The sleeve consists of two parts which are connected by a bayonet joint. The lower half of the sleeve is set in concrete, with its top flush to the ground. The upper half can simply be slid into the lower half and be secured by a bolt. Once the ground sleeve is installed, the aluminium pole can be put into it and be secured with the screw knobs.

When the sun sail is not used, the mast and upper half of the ground sleeve can be removed, leaving the lower half of the sleeve flush to the ground. The sealing cap springs shut automatically.



Ground sleeve Europe is available in two versions:

Short version K

Length lower half 25 cm.
Standard solution for normal concrete foundations.

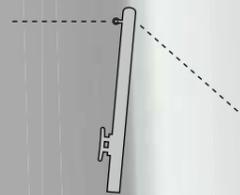


Long version L

Length lower half 50 cm.
Special solution to be used for paved surfaces, soft or sandy soil and floating decks installations.



The use of very long poles in combination with high tension may cause the poles to bend. This can be prevented by installing poles with a slight inclination and by providing additional counter tension using stainless steel cables.



Sun sail poles:

Stainless steel pole Ø 57 mm

Anchorage

These stainless steel poles can be put into the ground in two different ways. Please specify the desired method during your order, so we can prepare the pole accordingly to your requirements:

• Method 1 – Ground sleeve Europe U

By using a ground sleeve, the pole can be easily removed when not needed. The ground sleeve is set in concrete, the pole is installed directly into the sleeve and secured with a bayonet joint and a steel bolt.

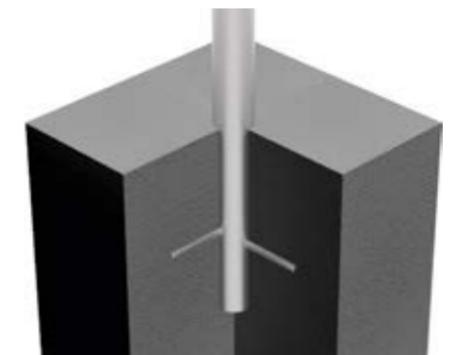
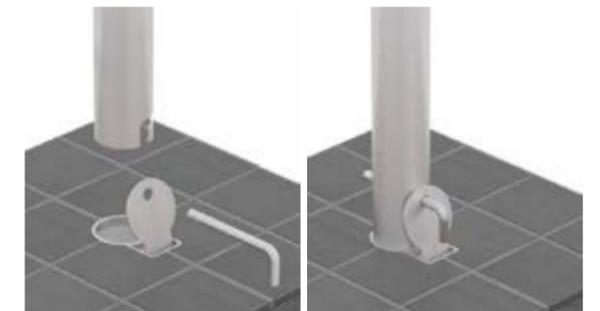
Ground sleeve Europe U is available in two versions:

Short version KU - Length lower half 25 cm
Standard solution for normal concrete foundations

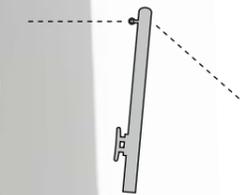
Long version LU - Length lower half 50 cm
Special solution to be used for paved surfaces, soft or sandy soil and floating decks installations.

• Method 2 - Directly in concrete

Instead of using a ground sleeve, the stainless steel pole can also be set directly into a concrete foundation.



The use of very long poles in combination with high tension may cause the poles to bend. This can be prevented by installing poles with a slight inclination and by providing additional counter tension using stainless steel cables.



Sun sail poles:

Stainless steel pole Ø 108 mm 4 mm wall thickness

For setting directly into concrete. Ground sleeves cannot be used in this case. A flat stainless steel cap is included in the price. The height above the ground is reduced by the depth of installation.

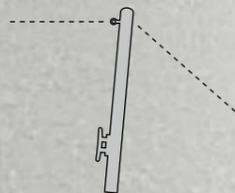
Steel poles Ø 102 - 219 mm 5 - 7 mm wall thickness, galvanized

For setting directly into concrete. Ground sleeves cannot be used in this case. A flat steel cap is included in the price. The height above the ground is reduced by the depth of installation.

Ø	wall thickness
102	5
152	6,3
178	5,6
194	6,3
219	7,1



The use of very long poles in combination with high tension may cause the poles to bend. This can be prevented by installing poles with a slight inclination and by providing additional counter tension using stainless steel cables.



Mounting accessories:

Eye bolts and Eye nuts

Eye bolts and *Eye nuts* provide attachment points for your sail. More than one eye bolt or eye nut can be used to provide alternative attachment points along each pole. We will prepare the poles based on your specified accessory placement. Poles will ship unassembled with accessory parts enclosed for assembly to prevent damage from transportation.

Eye bolts

Eye bolts are put through the pole and are fixed from behind with a nut.



Eye nuts

Eye nuts can be attached to the pole in two different ways:

Method 1:

The eye nut is held by a screw which is put through the pole from behind. The screw is then secured with the eye nut and washer or screw glue. Select the screw in accordance to the length of your pole.

Method 2:

Only used at the top of the pole. The screw is installed from the inside of the pole and secured with the eye nut. In this installation, the protruding end of the screw is not visible. To install the nut the cap of the pole has to be removed.



For more mounting accessories please refer to our current price list.

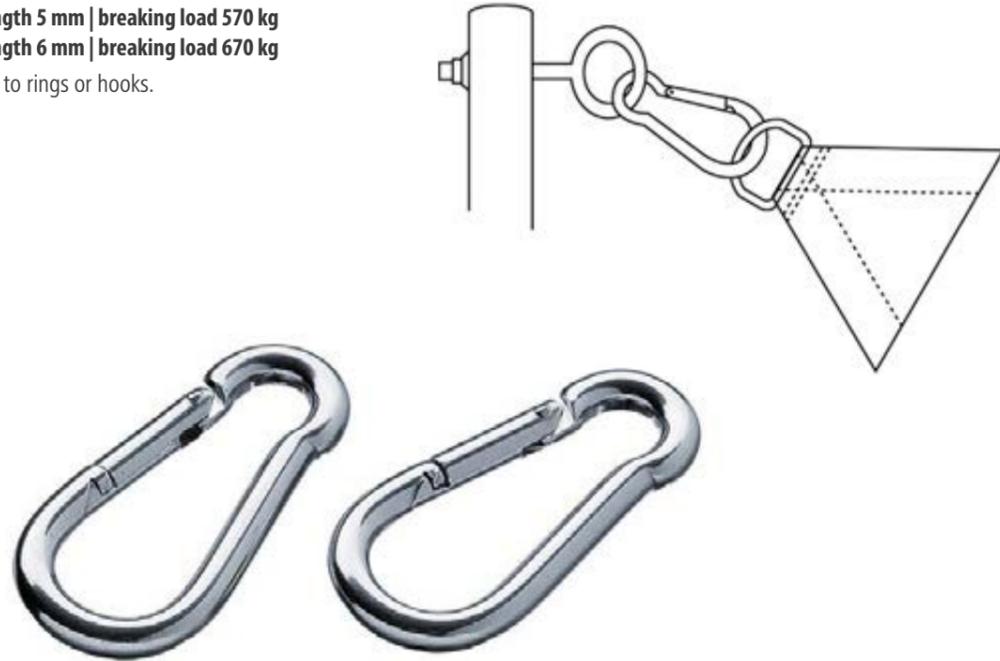
Mounting accessories

Eye bolts/nuts and sun sails can be connected by various elements.

Snap hooks

Length 50 mm | material strength 5 mm | breaking load 570 kg
Length 60 mm | material strength 6 mm | breaking load 670 kg

For attachment of the sun sail to rings or hooks.

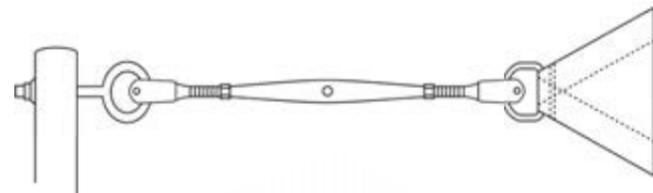


Turnbuckle

Length 150-220 mm | breaking load 1200 kg
Length 220-300 mm | breaking load 3100 kg
Ends with welded forks and bolt locking mechanism.
Can be used without additional hooks.

Fabrics expand over time. It is recommended to use a turnbuckle to keep the fabric taut. Screw the forked ends of the turnbuckle in or out to adjust the lengths of the turnbuckle. This way, the tension of the sail can be maintained.

Don't forget to reduce the dimensions of your sail accordingly during your planning process (see page 26) and mind the correct pulling direction.



Stainless steel cable

Ø 4 mm | Ø 6 mm

Ends with threads or stainless steel thimbles

Sometimes it is necessary to bridge long distances to a suitable fixation point. In these cases a stainless steel cable or a chain can be useful. But be aware that with increasing length of the cable, the sail tends to swing in the wind. Even with increased tension, this cannot be prevented. Consult your specialty retailer or sun protection specialist for advice.

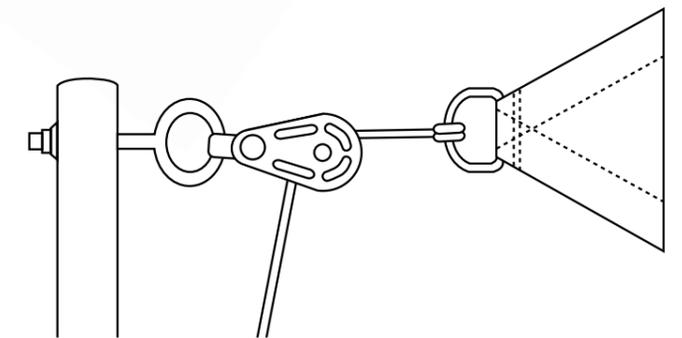


Cable pulley

Stainless steel block with 1 wheel | 2 wheels

With a cable pulley it is easy to build a hoisting mechanism (see sketch) allowing you to quickly fix each sail even to tall poles. The upper pulley is attached to the eye bolt (snap hooks are not necessary). Depending on how easy the hoisting should be, a pulley can be built with several blocks.

The lower end of the rope can be fastened to a cleat. Polyester-rope (Ø 6 mm) is available in desired lengths.



Mounting accessories

Shackles

Stainless steel | Various shapes

Shackles are a versatile and handy alternative for snap hooks. Shackles can be used to connect your sun sail to poles, wall brackets and other attachment points.

	Screw thread	Inside length	Inside width	Inside width 2	Breaking load
Curved	6 mm	32 mm	12 mm	21 mm	1500 kg
	8 mm	37 mm	16 mm	25 mm	2500 kg
Straight	6 mm	21 mm	12 mm	-	1500 kg
	8 mm	28 mm	16 mm	-	2500 kg
Straight and long	6 mm	45 mm	12 mm	-	1100 kg
	8 mm	60 mm	16 mm	-	1800 kg
Twisted	6 mm	44 mm	12 mm	-	900 kg
	8 mm	55 mm	16 mm	-	1500 kg



Curved



Straight



Straight and long



Twisted

Wall brackets

Stainless steel | material strength 5 mm | drill holes 12 mm

Wall brackets can be attached to walls, corners and angles to create a securely anchored attachment point for your sun sail.



Rectangular 6 x 25 cm



Square 15 x 15 cm



Outer corner 13 x 15 cm



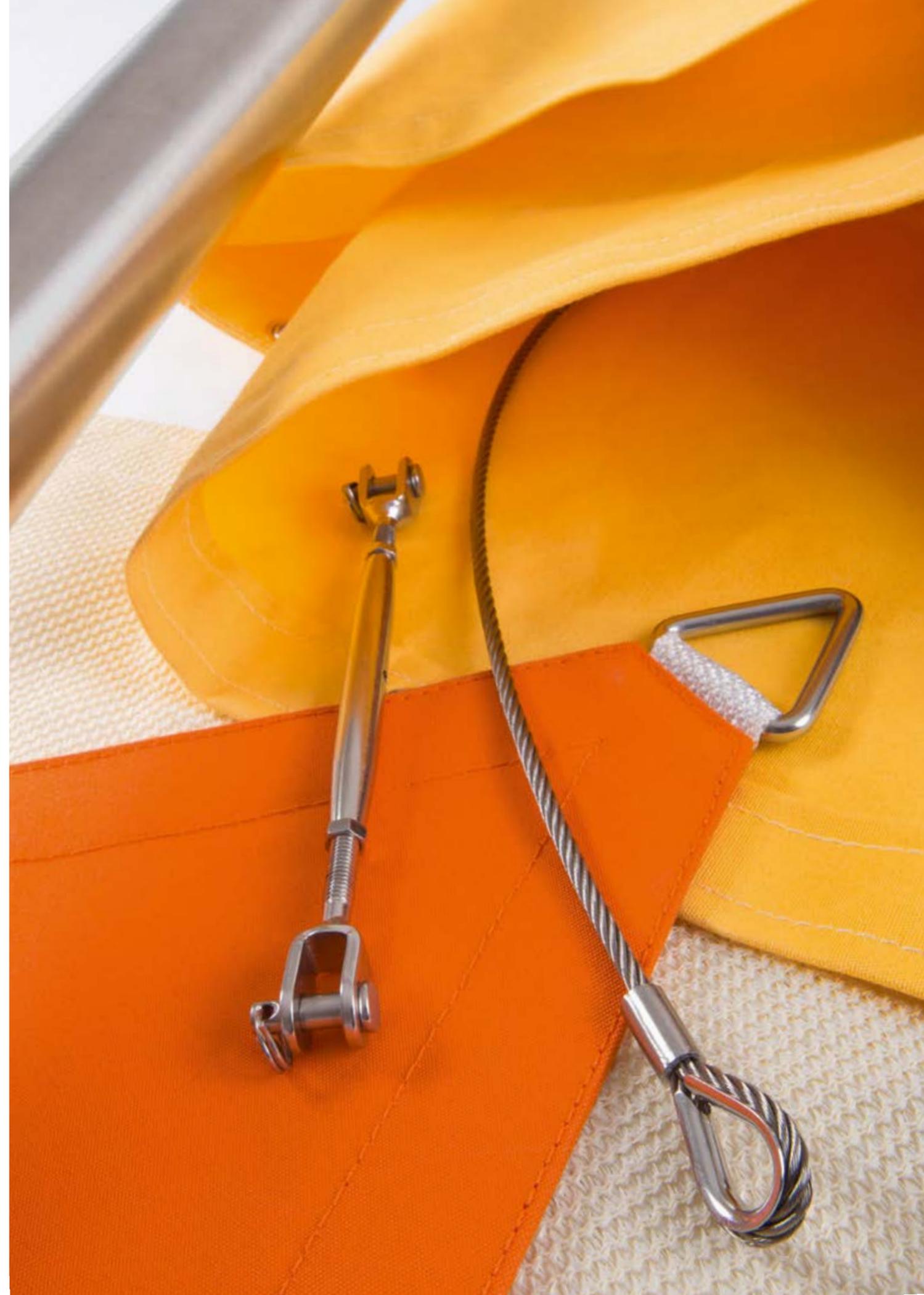
Outer corner long 30 x 15 cm



Inner corner 13 x 15 cm



Inner corner long 30 x 15 cm





CARAVITA fabrics

Quality you will enjoy for many years

All of our fabrics and meshes are weather-proof and persistent. Based on your specifications, select the most suitable for your project:

Waterproof Fabrics:

These fabrics do not only offer the best protection against the sun but also against rain. However, they must be installed with a minimum declination of 30% (30 cm height difference per 100 cm length). If this declination is not provided, water will not drain efficiently. The water will collect on the sail. Heavy rain can even break the installation! If this declination cannot be obtained, select fabrics that are permeable to water.

Waterproof Fabric Options:

Premium acrylic awning fabric (100% acrylic)

Premium acrylic awning fabric WP (100% acrylic)

Permeable fabrics:

Permeable fabrics are best suited for the installation of flat sun sails, because the water passes through them easily. Increased wind stability is also a benefit with permeable fabrics although they offer less sun protection due to the mesh like structure. However, the aforementioned advantages make up for that.

Permeable Fabric Options:

Tentmesh HDPE Net



UV protection up to 98%



Heat reduction by optimizing ventilation



Stain resistant



Weather resistant



Non-toxic materials

Waterproof fabrics

Premium acrylic awning fabric 100% Acrylic Awning Fabric

Premium acrylic awning fabrics of 100% solution dyed acrylic thread provide the optimum level of sun and weather protection. They shield reliably from wind, weather, light, heat and UV rays. The solution dyed acrylic fabric is colour fast; water, stain and tear resistant.

WP - these colours are also available in a Waterproofed version
 • water repellent up to 1000 mm hydrostatic head, EN 20811



Fabric specifications

- UV Protection up to 98%
- Water resistant up to 360 mm hydrostatic head, EN 20811
- High colour and weather fastness (7/8 of 8, DIN EN ISO 105-B04)
- Water- and dirt-repellent
- 100% acrylic 300 g/m²



i Colours presented may differ from actual sample due to the printing process.

More premium acrylic awning fabrics can be found on the following page.



Premium Acrylics Continued



i Colours presented may differ from actual sample due to the printing process.

Tempoteststar FR

The fire resistant fabric collection TEMPOTESTSTAR FR made by PÀRA, is made of 100 % solution dyed high quality polyester and the special solution for purposes where fire protection is playing a central role. The tissue which is of low flammability is available in many different colours and labeled with the renowned fire protection class B1.



Fabric specifications:

- Fire protection class B1
- Oil-, water- and dirt-repellent
- High colour and weather fastness (7-8 of 8 DIN EN ISO 105-B04)
- Water resistant up to 300 mm hydrostatic head, UNI EN 20811
- 100 % solution dyed polyester 300 g/m²



Water permeable fabrics

Tentmesh HDPE Net

Tentmesh is a mesh material of UV resistant flat- and HDPE-yarn. Depending on the colour, it reduces UV rays by 91% to 98% and sunlight by 77% to 96%.

As Tentmesh is permeable to water, it is the optimal solution for sails with a declination of less than 30%.

i Colours presented may differ from actual sample due to the printing process.

Fabric specifications

- Net of UV resistant flat- and HDPE-yarn
- Reduces UV rays by 91% to 98%
- Reduces sunlight by 77% to 96%
- Perfect for tensile structures
- Surface weight ca. 340 g/m²



Special colours for poles made of aluminium

In addition to the standard colours, the CARAVITA aluminium poles (p.28) are available in a wide range of RAL colours.

Create a one of a kind sail, by combining these options with the wide selection of fabric colours.



i NOTE: RAL Colours presented may differ from actual sample due to the printing process. Original RAL colour charts can be supplied by colour specialists or directly by CARAVITA.



Exclusive parasol with your sun sail?



Request our catalogue with details on the current parasol models at www.caravita.eu!

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