



aeronautec

Segel und textile Architektur

aerosun[®] membrane structures

Textile architecture
designing new life-styles

Create more space for yourself

Would you like more space, but you're not ready to build? Do you have attractive outdoor areas, which you want to protect from sun and rain? Would you like, for you or for your clients and guests a beautifully-designed, extraordinary, peaceful place?

Textile architecture aeronautec offers the solution. We design all space types – the meeting lounge for your company, the smoking area on the hotel terrace or an outdoor living room – if required, in combination with light, heat and acoustics.

Whatever your needs, together we will help you find an individual and unique solution that will give you and others more space. Our satisfied clients speak for themselves:

"Today there are not many engineers and companies that are so spontaneously enthusiastic about a project. I was lucky to find such an entrepreneur with Mr. Fitz. Together we were able to implement an exciting project for the flexible architecture of our museum."
Alexander von Vegesack, Vitra Design Director Museum, Weil am Rhein



aerosun® 4-point sail for the pool and relaxation areas



aerosun® 4-point sail
as a terrace roof

Try out a whole new sense of space

From the idea, to the processing and final assembly, each project is specially tailored to your needs. We only work with quality materials, developed by our experts and manufactured in-house. Our great experience in the sail and yacht business benefits us and our customers. Each of our elements are uniquely made by our specialists, and offer guaranteed “Made in Germany” quality. You can look forward to new and exciting products with aerosun®.

Let us impress you with the quality and variety of our products. We would be happy to advise you in detail, in the relaxed atmosphere on Chiemsee/Southgermany, or take a look at our website:

www.aeronautec.de

aeroflon® durable
fabric architecture

A fabric your dreams are made of

One secret of our success is aeroflon®. This extremely durable architecture fabric is made from 100% PTFE (polytetrafluorethylene), developed and patented by aeronautec. This award-winning textile is already being successfully used in space technology. For us, it is the material with which we can transform your dreams and visions into reality.

The unique advantages of aeroflon :

- pure, non-yellowing white
- lifetime > 25 years
- 100% weatherproof, UV resistant and rot-resistant
- screening of harmful UV radiation
- minimal soiling (self-cleaning effect)
- high heat reflection up to 50% (cooling)
- waterproof
- odorless
- pleasant light transmission with shading
- flame retardant to DIN 4102-B1
- tear resistant to DIN 53354, ISO 13937-2
- high strength and low weight per unit area
- textile nature with outstanding surface feel
- excellent kink resistance
- Patent No.: EP 1674255 B1

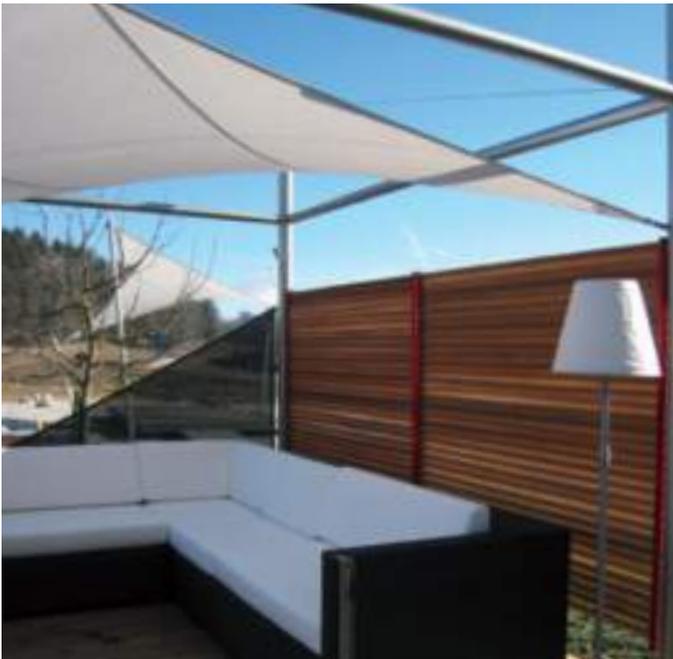


aerosun® cube
year-round solution

Enjoy a comfort zone in a cube

The practical aerosun® cube has many names: relax zone, smoking area, meeting point, wellness oasis, outdoor kitchen or garden living room. Decide for yourself how you want to use the stainless steel, aesthetic construction covered with an aeroflon® sail.

The aerosun® cube is available in different sizes. Lighting, subtle heating systems and side screens, to protect you from wind or for privacy, can be optionally integrated. The cubes are also available as a system, which can be connected together. For whichever reasons – too much sun, rain or snow – our cube will keep you safe the whole year round.



smoking area for hotels and restaurants



garden living room

meeting point

relax zone

smoking area

wellness oasis

outdoor
kitchen

garden
living room



aerosun® cube
lounges to relax and
communicate

Experience one-stop service

Following the design and customization of your aerosun® all-weather sail, or after the configuration of the aerosun® cube, or when the all year round roof is completed, we'll develop the products with our team. We see our work as a holistic process, which we carry out quickly and efficiently.

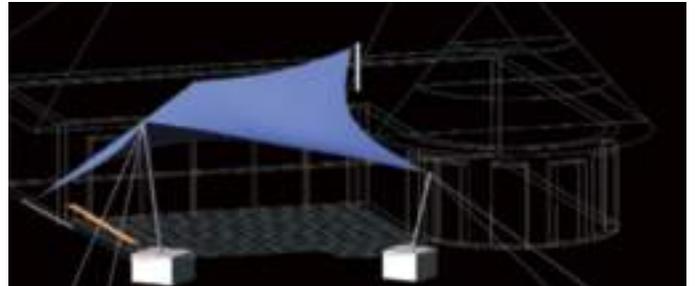
Each sail is adjusted to the local conditions, soil characteristics and the size of the shaded area. The position of the sun during the various seasons also plays a role – so that you can enjoy your comfort zone year-round, regardless of wind and weather.



construction of the
Vitra-Pavilion



research, planning and
production of a five-point sail





11 m high, covered
light pylon at the roundabout

Excerpt from our References

Vestas Blades Germany, 2 piece 4-point membrane structure from aeroflon[®] PTFE fabric, size: about 40 m² and 80 m²

Ammonhof Dresden, free-hanging acoustic screen, size: 450 m²

Tourist Office Burgenland, sail concept with 8 detached year-round four-point membrane structures around the Neusiedlersee, size: per 36 m²

Health Center Traunstein, year-round membrane structure from aeroflon[®] PTFE fabric in the spa area with integrated lighting, size: about 36 m²

City Feuchtwangen, 11 m high pylon at the roundabout, covered with aeroflon[®] PTFE fabric and intergrated lighting at night

Langnese Summer Club in Andalusia, several 3- and 4-point shade sails integrated into the hotel complex

City Traunreut, funnel screens for the town hall square in aeroflon[®] PTFE fabric with effect lighting at night

Vitra Design Museum, pavilion, covered with aeroflon[®] PTFE fabric on a wooden lattice design, size: 10.0 x 7.0 x 5.0 m

Make a work of art out of it

The new fabric of the textile architecture opens up sheer unlimited design possibilities, especially in public spaces. Several projects have been completed with well-known architects. The light-transmitting fabric creates, under natural or artificial lighting, completely new impacts and possibilities.



installation of 4-Point Sails

The aeroflon® fabrics are also ideal for commercial purposes, such as corporate architecture or for product presentations at trade shows. We, as membrane specialists, work closely with architects and structural engineers to develop synthesis of function and form. The end result for you, our customer, is a stylish work of art.



freely suspended acoustic screen

Contact us and arrange
a consultation:

aeronautec GmbH

Gewerbering 7

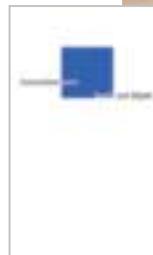
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Auszeichnungen

