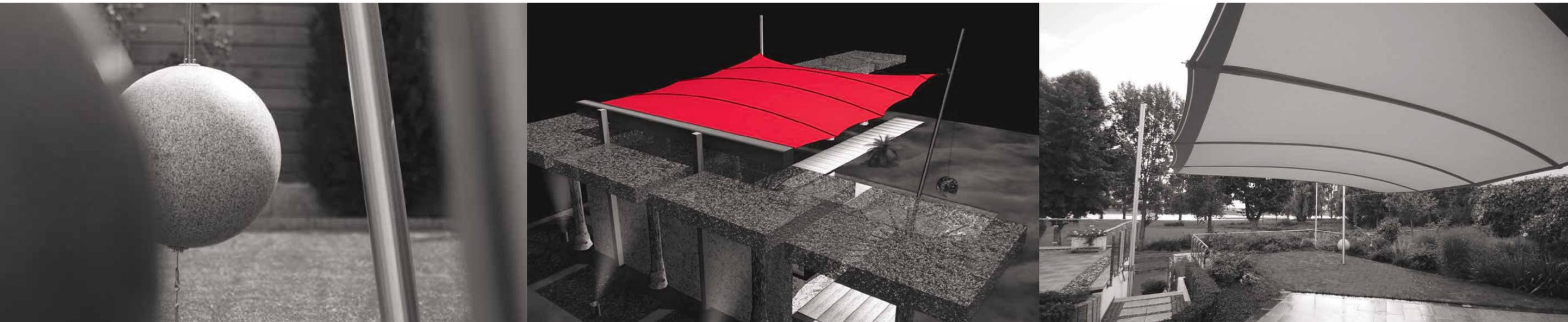


The idea

Technical innovation, uncompromising quality and timeless beauty characterise my standards as an industrial designer. The initial idea for an innovative, exceptional shade sail offering new functions and applications came to me within the blink of an eye. During the two-year development phase, we were faced with numerous challenges; ideas were created, masses of construction sketches were drawn and discarded, we debated, cursed, pondered, calculated, developed, built, tested again... until we finally rejoiced over the world's very first high-end shade sail exclusively by C4 sun. You too can be part of this experience.

Rainer Wronka

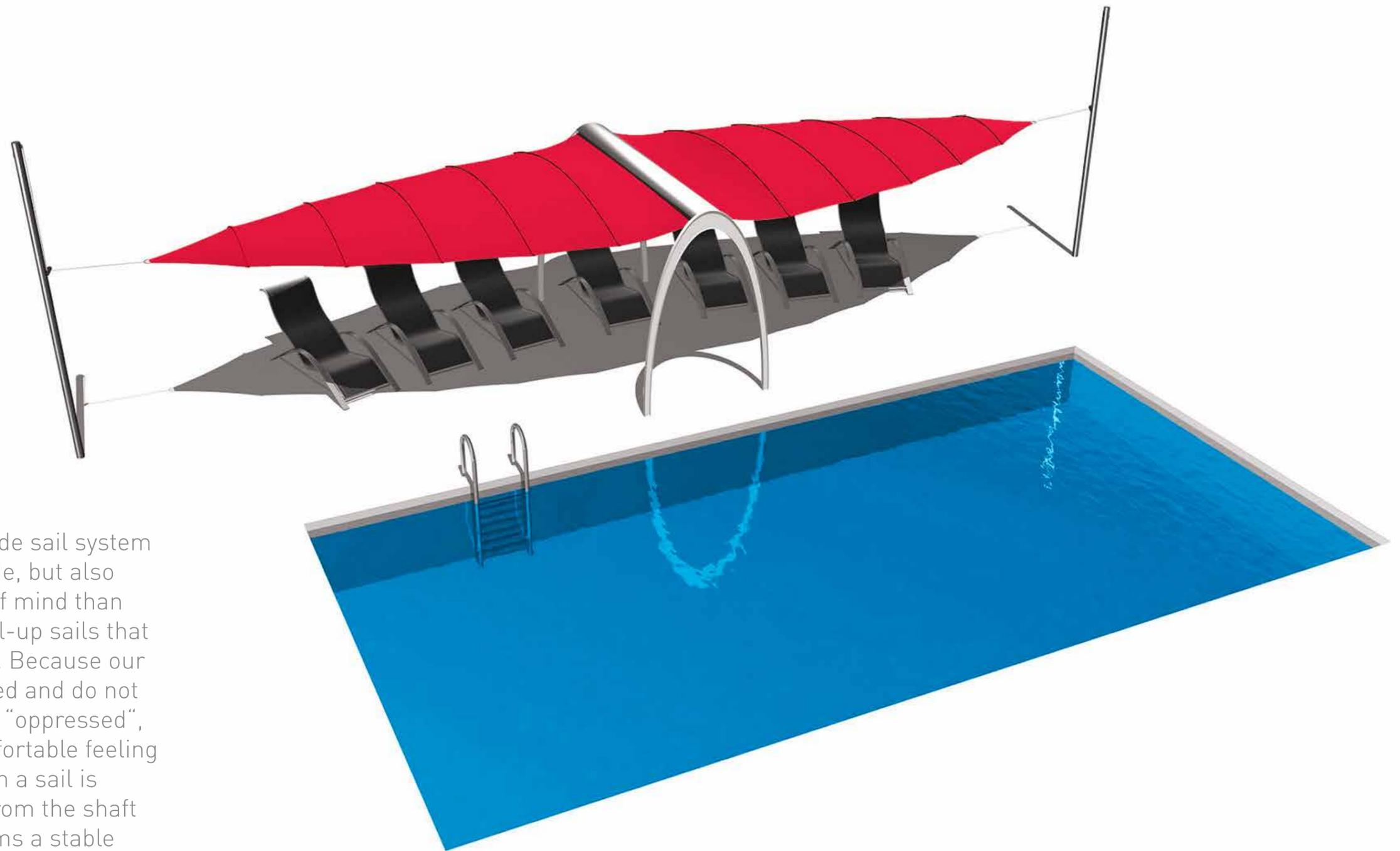
Developer & Industrial Designer



Characteristics

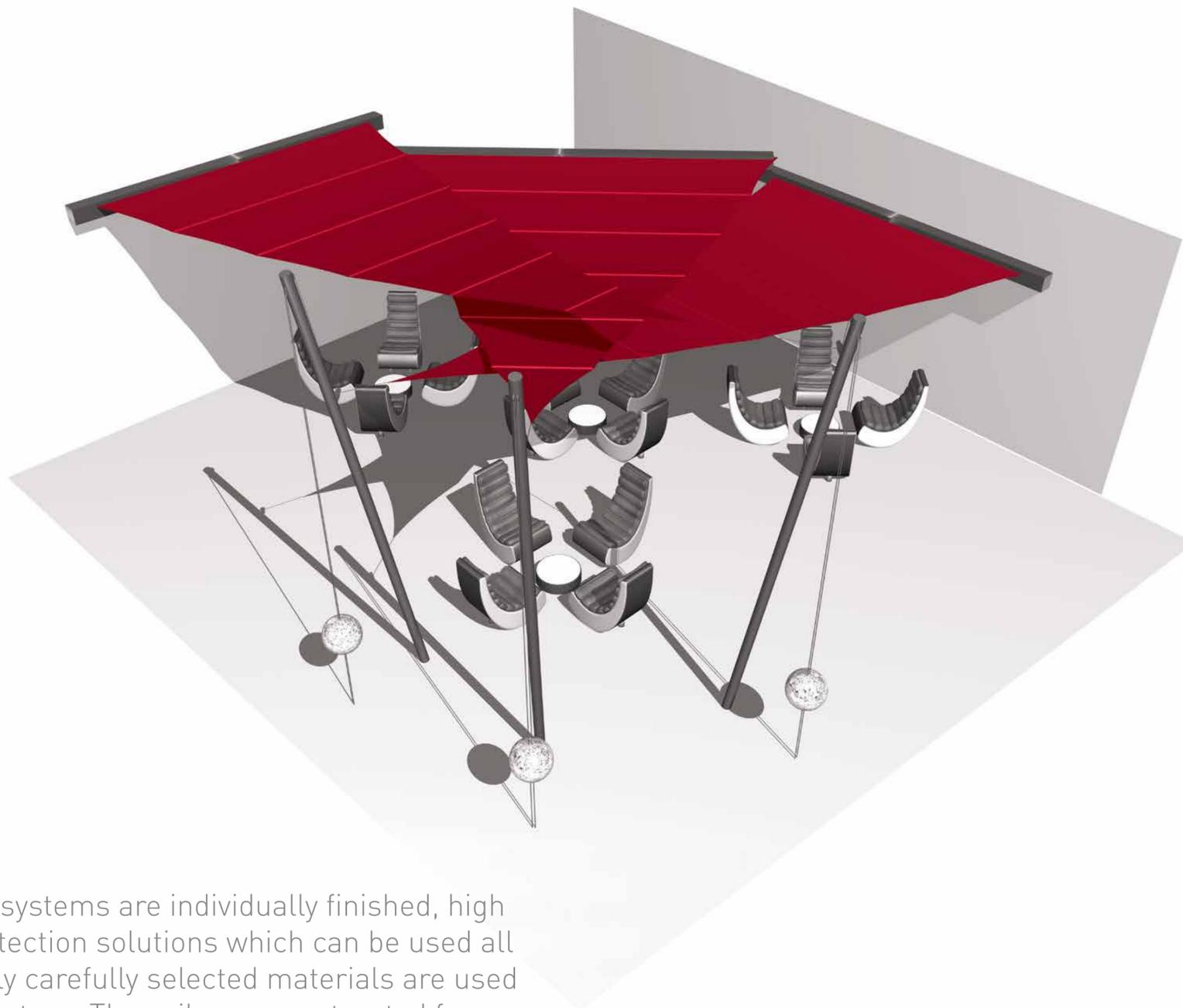
It is the many details that make our shade sail a highly innovative and functional work of art. Our electric furling shade sail system is wind and rainproof and essentially crease free. We use only high quality materials and manufacturing processes so that you will still be pleased with C4sun's shade sail for many years to come. The sophisticated technology for tensioning the sail and reducing the wind pressure is concealed within the masts both in the standard and designer models.

The masts house various stainless steel cables and rerouting mechanisms to ensure a safe, maintenance free operation. Granite balls or individually designed metal or stone weights are deployed as counterweights for the tensioning system. With our innovatively developed and proprietary system, the sail will give when exposed to excessive pressure from strong gusts of wind and revert to its original state automatically. There is no fluttering, flapping or excess strain. Innovatively, the installation can either be attached to appropriate constructions already in place or be used freestanding.



Wellbeing

C4sun's unfurling shade sail system not only provides shade, but also offers greater peace of mind than other conventional roll-up sails that are simply pulled taut. Because our sails are slightly domed and do not sag, instead of feeling "oppressed", you experience a comfortable feeling of spaciousness. When a sail is unfurled, it unwinds from the shaft and automatically forms a stable dome on the upper surface of the sail. This sturdy structure provides snug protection against both sun and rain.



Features

Our shade sail systems are individually finished, high quality sun protection solutions which can be used all year round. Only carefully selected materials are used in their manufacture. The sails are constructed from the best and most innovative fabrics on the market. All masts, cable, tensioning and routing systems are made of stainless steel and carbon, and the winding shaft is made of aluminium. The materials and constructions used can stand up to several times the maximum load and therefore possess a high degree of safety. Our systems are electrically operated – this way the sail can be unfurled and furled at the press of a button or set to work fully automated and controlled by sensors if desired. The high quality motor and control technology used is supplied by the German company, Becker.



Electrically furling



Wind-resistant



Rainproof



Crease-free



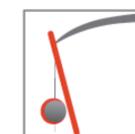
More shade



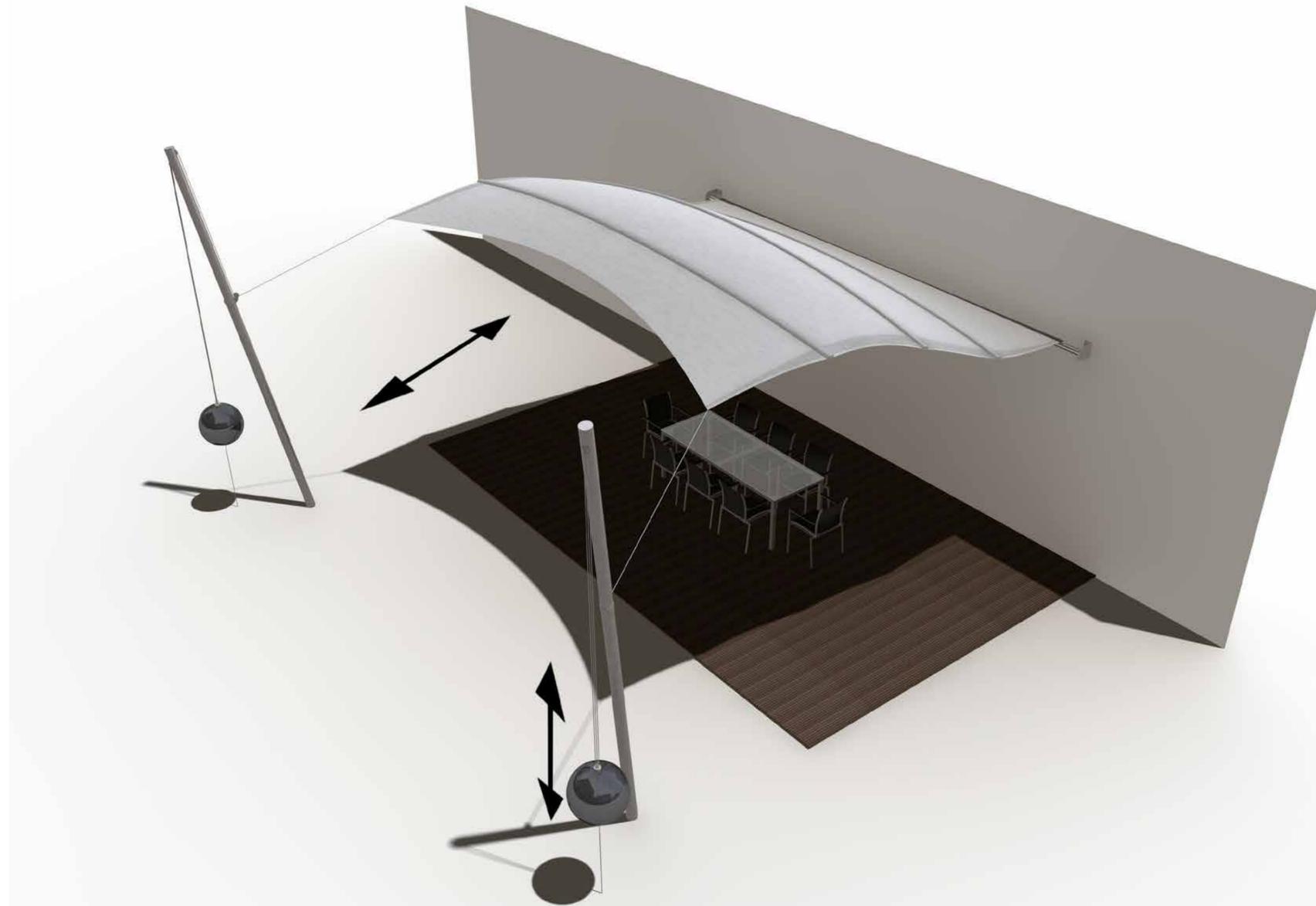
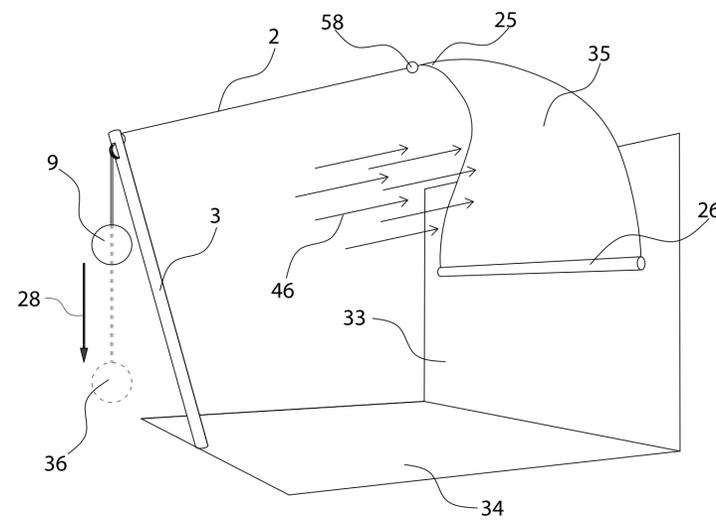
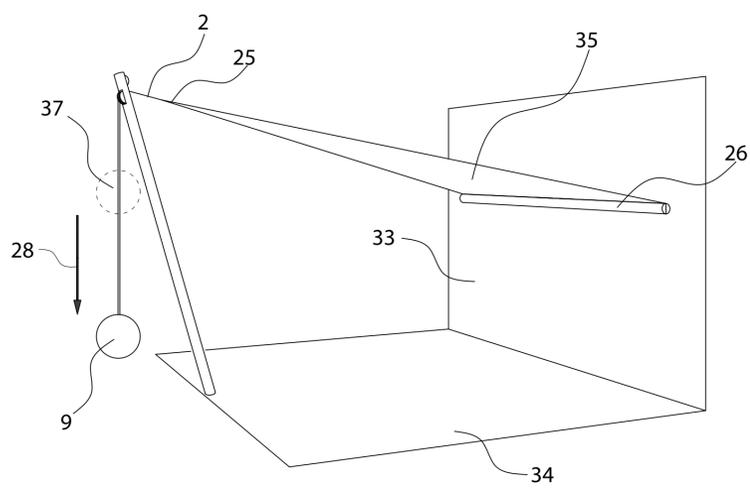
Custom-designed



High comfort



Unique



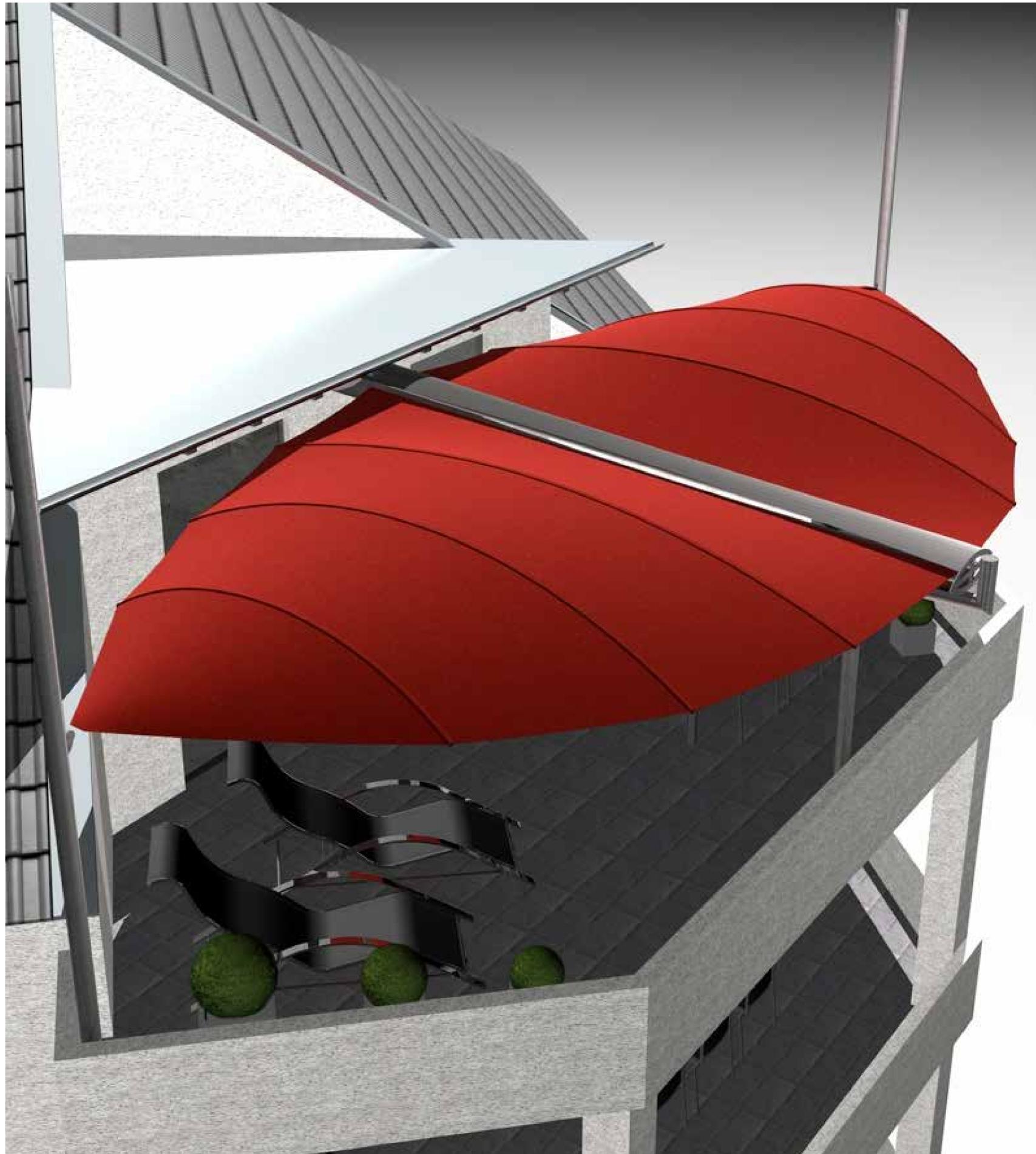
Windproof

All of our shade sails are equipped with a weight-controlled wind pressure reducing system. This prevents damage to the equipment due to excessive strain, whilst also protecting the equipment. Even with very strong gusts, the sail, mast or shaft anchoring will always only have to bear the tensile force individually adjusted for the respective sail. Furthermore, the tensile forces acting on the installation and the different cables are balanced out. Thus, durability is considerably increased compared to conventionally tensioned shade sails. We aim to bring you many years of pleasure with our shade sail system.



Rainproof

The shade sails themselves are made from high quality, durable fabrics especially developed for these applications. They are weather resistant, UV-resistant, water repellent and they even provide protection against heavy downpours or persistent rain. Equipped with 3D camber technology, the sturdy sail's surfaces right themselves upwards automatically as they are unfurled. The slightly domed camber allows rainwater to simply run off to the edges, avoiding any sagging due to water collection. Our proprietary system is the first to offer this innovative upwards camber, which provides the sail with greater stability and allowing you to fully relax. This world first is the result of extensive research and development of which we are particularly proud.



C4sunTM
high-end shade sails

Individual Design

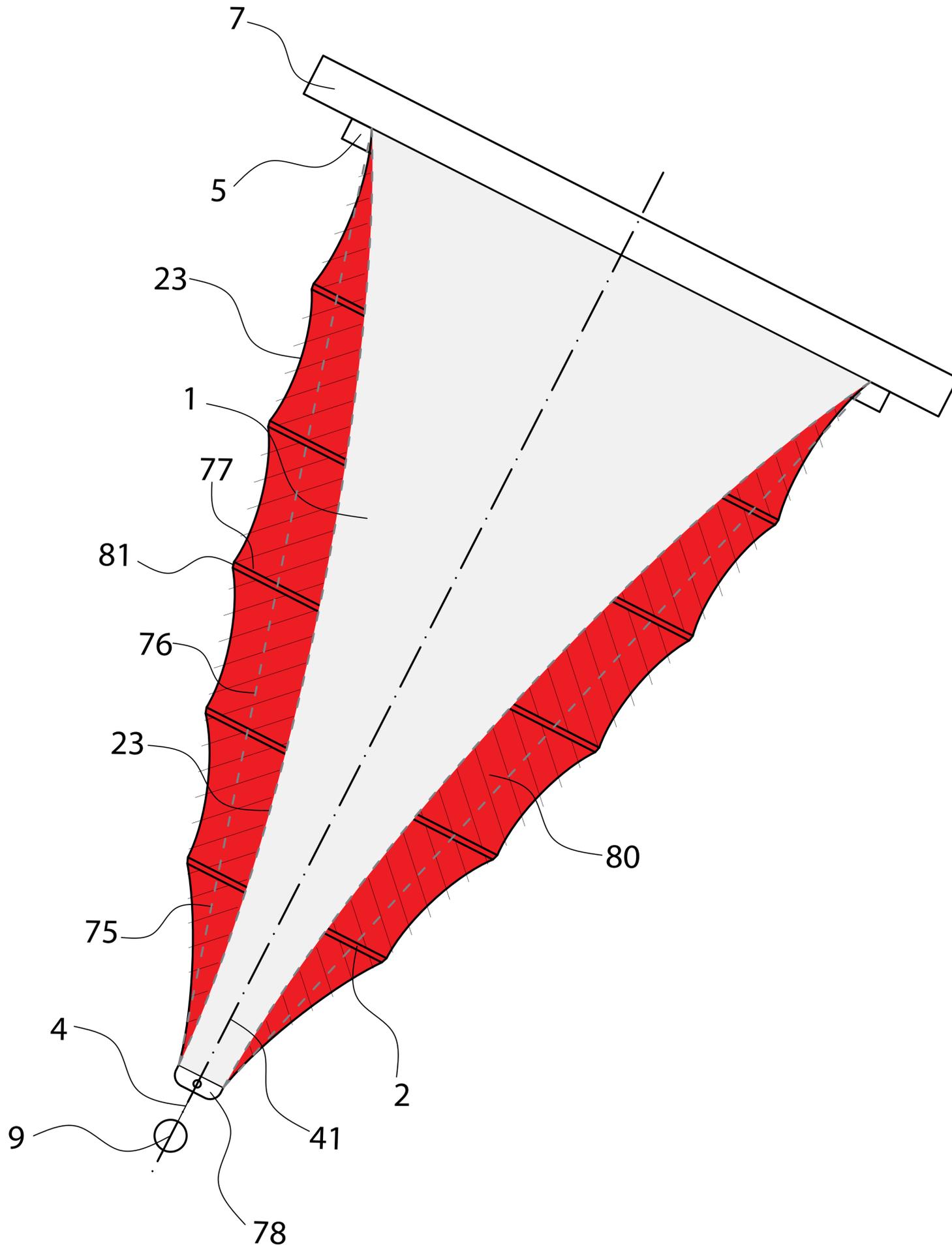
Individuality is important to us. Our shade sail system should blend with the architecture of your building. Whether for commercial or private premises, our sails are designed, developed, constructed and finished by us exclusively for you. Striking and unique shapes and colours of sails, masts, technology and counterweights give rise to objects that not only provide a range of new functions and applications but also offer creative protection against sun and rain.



Philosophy

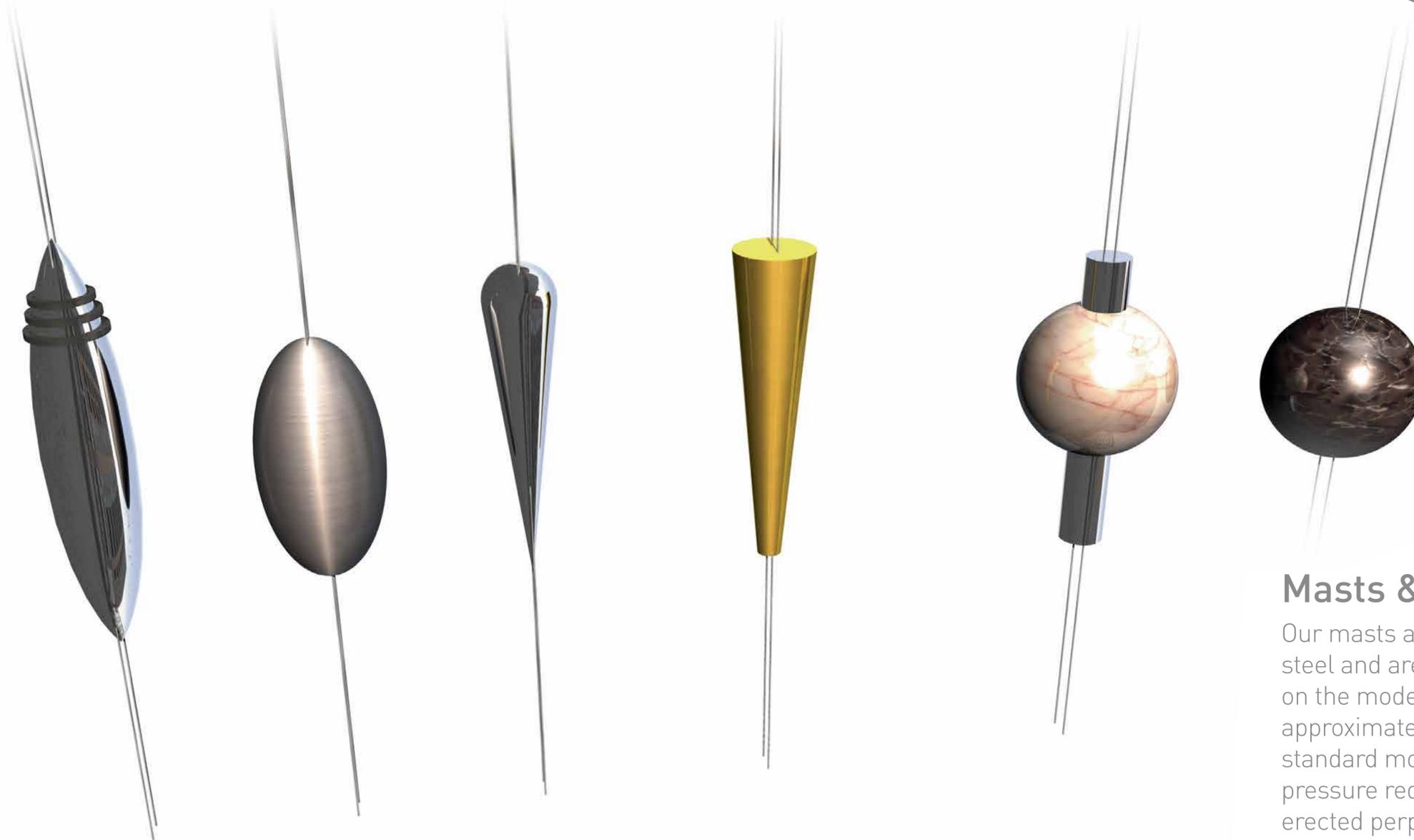
Functionality, design and quality should always equate to the best. We work to this philosophy every day.

Whether you are a business or private customer, we would like our shade sail system to provide you with the best possible functionality every day, allowing you to experience its timeless beauty. At C4 sun, we set high standards for ourselves and for our products. Every sail system we produce is firstly adjusted to the exact tension required at our test site for quality control purposes. The sail is then put under tension again and checked for faults, ensuring its perfection before it leaves our factory – already fully mounted on the shaft. This is our means of guaranteeing you the delivery of a faultless product. We are proud of ourselves, our innovations, our work and our products - and wish you many years of enjoyment with our shade sails, especially hours of pleasure beneath them.



Shade Sails

Our sails are individually cut to your measurements by computer supported laser technology. They are then glued into their exact position and sewn together by specialists. Due to the sail's domed effect and our specific cut, we guarantee you a crease free sail that completely disappears into a sail compartment when furled. It is the most crease-free sail on the market!



Masts & Weights

Our masts are made exclusively from stainless steel and are height adjustable. Depending on the model, they are erected at an angle of approximately 11° or perpendicularly. In the standard model the weight controlled wind pressure reducing system functions with masts erected perpendicularly and internal weights. In the specially commissioned designs, the masts are inclined at around 11° and have external weights. Our masts are particularly visual and together with the individual shapes of the control weights, possess a sculptural effect that makes them works of art.

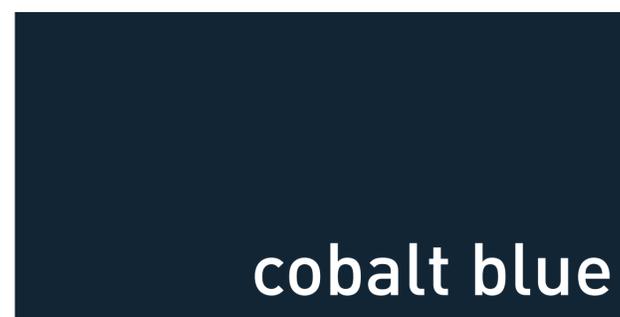
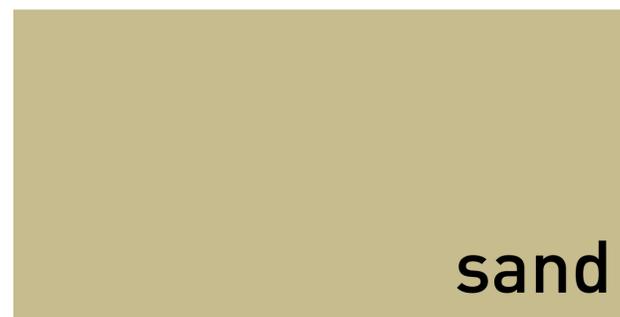
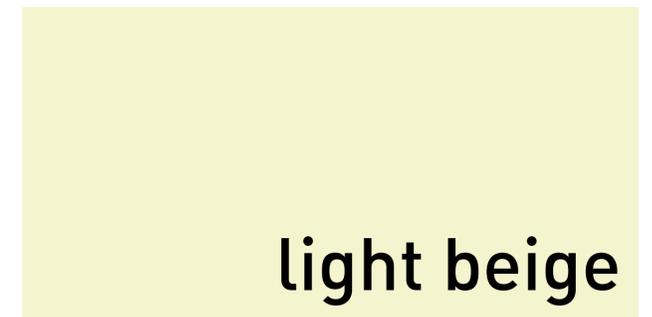
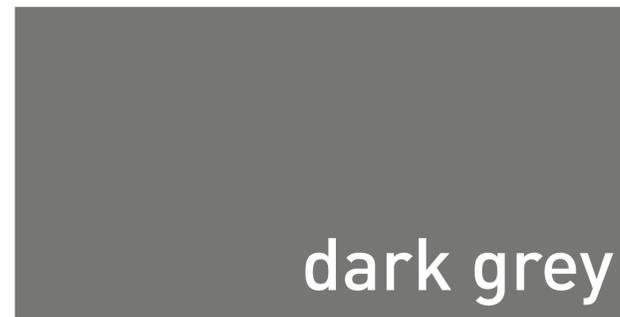
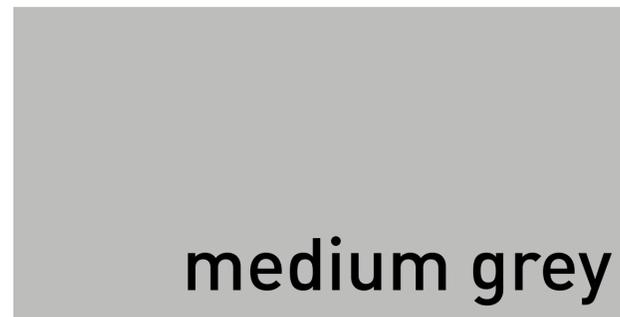
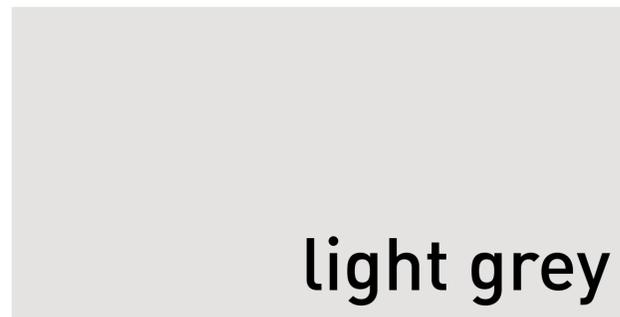


C4sunTM
high-end shade sails



The Technology

Every one of our shade sail systems possesses at least one weight controlled wind pressure reducing system. With the help of different guiding rollers, this furling system enables a haul length of up to 18 metres and the sail always remains taut, with no flapping. All shade sails are controlled by high quality motors supplied by the German company, Becker. They can be furled and unfurled via automatic sensor switches (sun and wind sensor) as well as "manually" via remote control. Safety is guaranteed by doubly secured tension weights with a near 20-fold load margin.



Colours

Our sails are available in a range of colours to suit your home, surroundings and environment. Complemented with your choice of shade sail mode, masts & weights, your new shade sail will be a truly customised design made just for you.



























