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www.sunsquare.com





**FUNCTIONALITY AND BEAUTY.
THE DESIGN OF SHADE.
SUNSQUARE.**

A MODERN CLASSIC.
LIGHT AND SHADE.
HARMONY AND
DIALOGUE.



**THE SUNSAIL. DISTINCTIVE,
VARIABLE. THE ORIGINAL.**

Stainless steel supports. Carbon cables.
The triangular sails float. Giving shade,
playing with light. Automatic, at the push
of a button. Peak performance and lucent
simplicity. SunSquare systems integrate
harmoniously in landmarked environments.



**INNOVATION AND TIMELESSNESS.
NEW TECHNOLOGY, NEW BENCHMARKS.
SET SAIL FOR THE FUTURE.**

NEW MATERIALS. NEW DESIGN. NEW SOLUTIONS.
SunSquare thinks ahead, continually reinventing the classic. Aluminum supports. Unbending, lighter than steel. The compensator. Fewer cables, clear lines. The radial sail. Polymer-coated. Ideal protection from sun and rain.



**THE INNOVATION. THE RECTANGULAR SAIL.
OPENS NEW SPACES.**

A NEW IDEA. A NEW PRODUCT.

Every space is different. A rectangular plot. Maybe long and narrow, as well. Different requirements, different sail, different construction: the rectangular sail. Shades new spaces. Single-sided extension up to 35 m². Double-sided to 70 m².

**UNDER THE OPEN SKY,
YET PROTECTED.**

Summer. Expand your living space. Sail as roof. SunSquare erases the boundary between house and garden. Opens new living areas. Lets summer breathe. And protects you from sun. And rain.

**A GARDEN BECOMES
A LIVING ROOM.
EVERYDAY LIFE,
A VACATION. THE
HORIZON, THE SKY
YOUR LIMIT.**



SUN. WIND. OVER THE ROOVES.
STABILITY AND SAFETY.

**YOUR ROOF-TOP TERRACE.
YOUR SUNSAIL.
ONE OF A KIND.**

Each roof-top terrace is unique. Each SunSquare solution, as well. Small sails, large sails, triangular, rectangular, wall fastenings, ground fastenings, a mixture. All SunSquare solutions have something in common, always stable, regardless of size. At wind speeds over 40 km/h, the sails roll in automatically. And if the power fails, perhaps in a storm, you have the emergency hand crank.



**AFTER SUNDOWN. IN THE SHADOWS OF THE EVENING.
LINGER OUTDOORS. SAIL IN THE LIGHT.**

DAYTIME, SHADE. LIGHT AT NIGHT.


Nighttime. A SunSail becomes a LightSail. Lighting systems create new spaces. An illuminated island under the stars. Clouds obscure the moon. The first drops. Protected under the sail. The party continues.

SHADE FOR EVERYONE.
DESIGN FOR ALL.
IN PUBLIC URBAN SPACES.



OASES OF SHADE. A LIVABLE CITY.

A museum. The prelude to art.
A kindergarten. Protection out in the open.
A hospital. Breathe, gather energy. In the
shade of a sail. Meeting every requirement.
In front of official buildings, classics, landmarks.



WE MEET OUTSIDE.
VISITORS BECOME
GUESTS, FEEL
AT EASE, STAY.

**A GUEST UNDER THE SAIL.
HOTELS. RESTAURANTS. RESORTS.**

Expand the guestroom. Offer guests more.
In the garden, the courtyard, on the terrace,
by the pool. Savor days, evenings, nights
under the sail. Make yourself at
home, chat, eat, drink. Time flies.

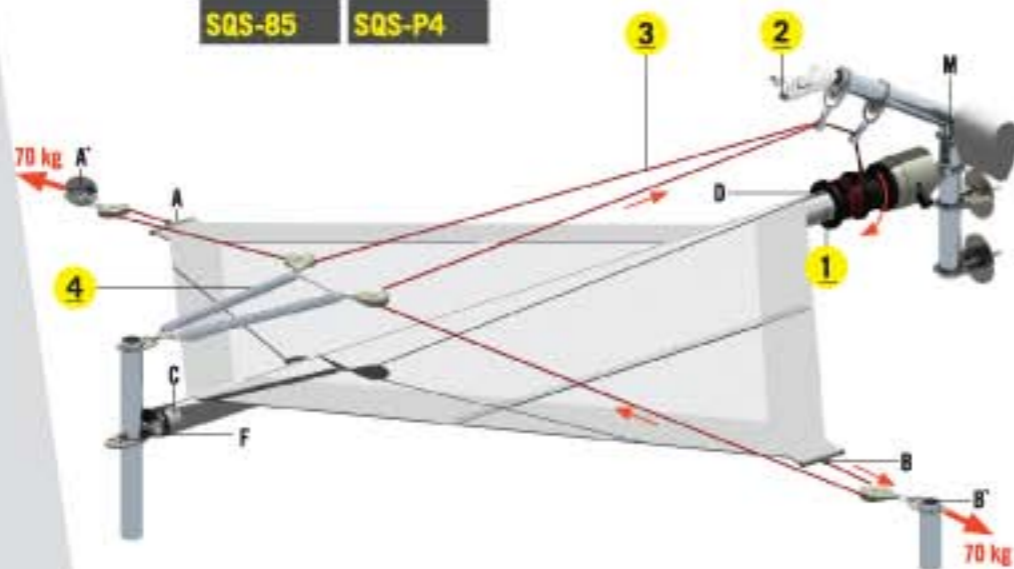


MAKE PLANS. REFLECT. THE SIGNIFICANCE OF DETAILS. THE PHYSICS OF BEAUTY.

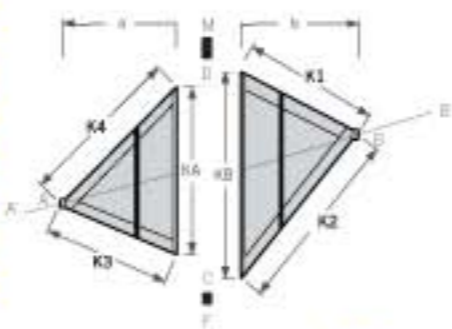
AN IDEA. PERPETUALLY RE-IMAGINED.

1993. Gerald Wurz and Norbert Kautzky establish SunSquare. SunSquare invents the SunSail. Drive and shaft, control system, supports and fastenings, the triangular sail. Maximum functionality. Timeless aesthetics. Continuous development. With foundations. Without foundations. Ground fastenings. Wall fastenings. Triangular sails. Rectangular sails. 6,000 projects world-wide. Every one different. Every one unique. Every one a first.

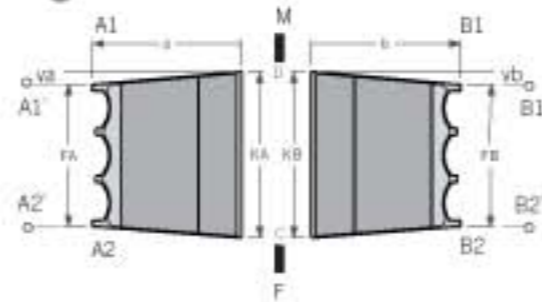
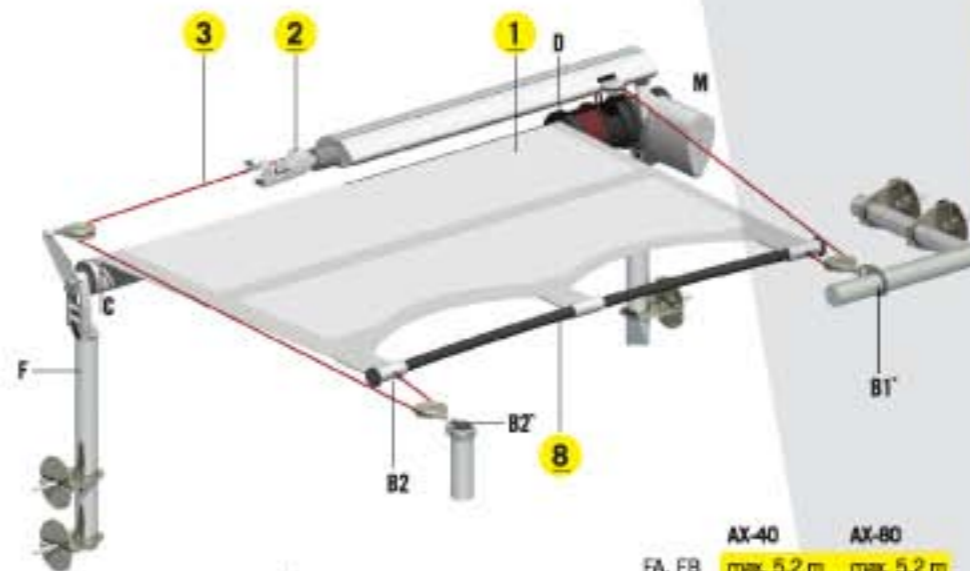
SQS-85 SQS-P4



	SQS-85	SQS-P4	SQK-40	SQK-80
K1:K2 (K2:K1)	1:1.3	1:1.3	1:1.3	1:1.3
K3:K4 (K4:K3)	1:1.3	1:1.3	1:1.3	1:1.3
K1,K2,K3,K4	7.5 m	8.5 m	8.5 m	9.0 m
KA, KB	9.3 m	12.9 m	12.9 m	12.9 m
MF	10.0 m	13.5 m	13.5 m	13.5 m
a,b	6.0 m	7.0 m	7.0 m	7.0 m
$\Delta=a-b$	± 0.5 m	± 0.5 m	± 0.5 m	± 0.5 m
BB'	25 cm	30 cm	30 cm	30 cm
AA'	25 cm	30 cm	30 cm	30 cm
MD'	50 cm	50 cm	40 cm	40 cm
FC	20 cm	20 cm	5 cm	40 cm
max. m ²	50 m ²	50 m ²	50 m ²	70 m ²



AX-40



	AX-40	AX-80
FA, FB	max. 5.2 m	max. 5.2 m
edges	min. 2°-9°	min. 2°-9°
va, vb	30 cm	30 cm
KA, KB	5.8 m	5.8 m
MF	6.4 m	6.4 m
a,b	7.0 m	7.0 m
$\Delta=a-b$	10 cm	10 cm
B1B1', B2B2'	30 cm	30 cm
A1A1', A2A2'	30 cm	30 cm
MD'	40 cm	40 cm
FC	5 cm	40 cm
max. m ²	35 m ²	70 m ²

RECTANGULAR SAIL CLOTH

System comprised of stainless steel components. Unobtrusive and timeless. The most diverse fastening elements. Custom constructions for unusual projects.

A carbon rod (8), with a cable attached to each end point, tensions the forward sail edge

Sail cloths are available with UV-protection, rain protection, and fire-proofing in a variety of colors and textures.

FASTENING SYSTEMS

• System comprised of stainless steel components. Unobtrusive and timeless. The most diverse fastening elements. Custom constructions for unusual projects.

Ground and wall supports (9)
Polished stainless steel.

Wall fastenings (10)
sand-blasted stainless steel.

Shafts available in galvanized steel or divisible aluminum profile.

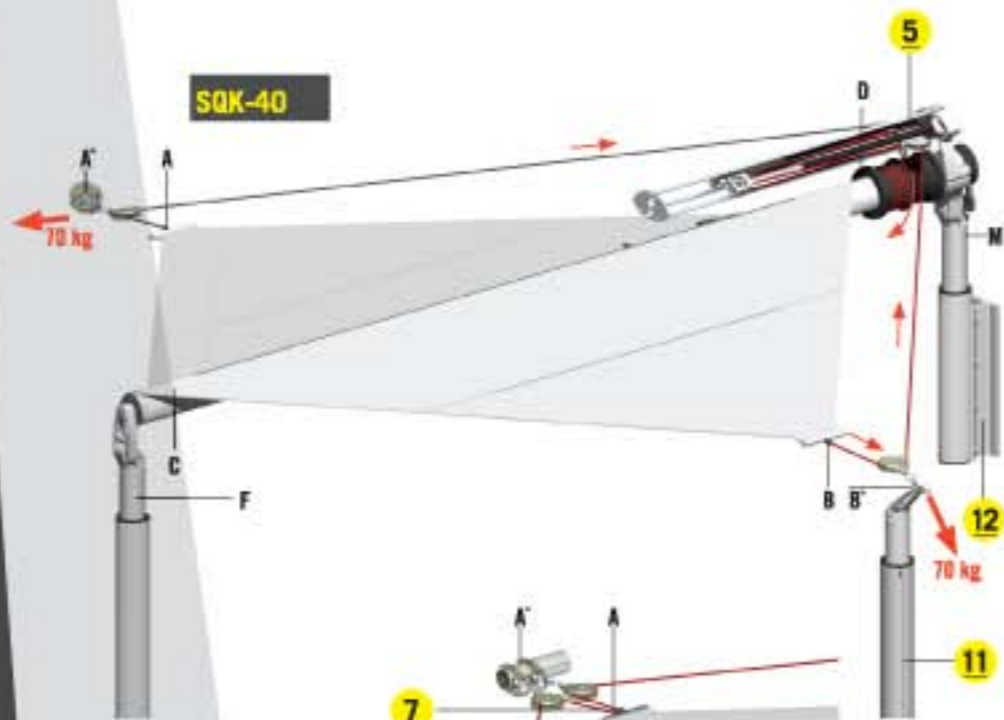
• Modular system comprised of elegant, extruded aluminum profiles.

Ground and wall supports (11)
Aluminium eloxiert.

Wall fastenings (12)
Anodized aluminum.

Shafts available in galvanized steel or divisible aluminum profile.

SQK-40



SQK-80



AX-80



	wall supports		ground supports		
ø33	0.4	0.4	-	-	-
ø48	1.2	1.2	3.7	-	-
ø60	2.5	2.5	4.0	3.3	-
+ steel thorn	4.0	4.0	4.0	4.8	6.0

DRIVE TECHNOLOGY

Motor (1) inside shaft.

At wind speeds in excess of 40km/h, the wind sensor (2) causes the sail to roll in automatically.

The patented closed cable circulation system (3) compensates, by means of the spring, for the forces introduced by wind gusts. This allows the sail cloth to move while simultaneously maintaining uniform tension, and limits the effective forces upon the attachment/support points A', B' to approximately 70 kg.

Visible function in the form of two stainless steel springs (4) in the classic cable circulation system (SQS-B5, SQS-P4).

In SQK and AX models, the function is concealed: compensator (6) with internal gas pressurized spring (5).

When sail cloth areas exceed 50m² (SQK-80, AX-80), 2 cable guides (7) and 2 compensators are used.

TRIANGULAR SAIL CLOTH

Can also be asymmetrical in form. The relationship of the edge lengths (K1:K2, as well as K3:K4) can differ up to a ratio of 1:1.3

The tension along the median line of the sail cloth guarantees a uniform sag of the sail edges (approximately 5% of the edge length).

Optimal water run-off is achieved with sail inclinations of at least 15°.

Wind forces limit shaft inclinations to a maximum of 45°.