



tenteks.com.tr

Bioclimatic
Systems



SKYTEKS

4 Seasons Comfort

 **tenteks®**
Awning & Winter Garden Systems



SLIDE

ROLL

SOFT

As in all our systems, high strength is provided in our Skyteks product thanks to the correct equipment and intermediate fasteners with connection methods suitable for aluminium construction structural engineering.

Sound, water, heat insulation is provided and light leaks are prevented thanks to specially produced wicks and gaskets suitable for system ducts without using silicone and similar insulation materials.

Skyteks' design for easy and fast assembly and its completely disassembled structure provide a technical privilege.

With its improved drainage system and special outlet, it offers flexible evacuation without damaging the building and structural elements.

Panels and light cutter wicks positioned in various parts of the system reduce the turbulence effect that may occur during operation and eliminate isolation weaknesses to a great extent.

Skyteks combines the modern lines of bioclimatic architecture with the naturalness of cultural and traditional hanging gardens, always offering a fresh, cool and renewed feeling.

The lighting profile designed for the system, unlike its counterparts, offers the opportunity to illuminate both the panel and the environment, making your living space privileged.

System panels bear the signature of Tenteks Design and R&D Team. These panels can be positioned at different angles according to user preferences and weather conditions. Thus, it allows air conditioning in all weather conditions.

Skyteks provides energy efficiency by balancing the air temperature while meeting indoor thermal comfort conditions to a great extent in winter months.

The side covers in the system permanently eliminate problems that may occur due to climatic conditions or over time.

Thanks to the various colour, model options and different space-closing solutions offered, your designs will achieve an aesthetic harmony with your architectural structure.



RAIN GUTTER

Rain Gutter, 163,5x156 mm in size and weighs m/7240 gr.

Beam profile is 136,5x30 mm in size and weighs m/2510 gr. It reaches a section height of 30 cm in total. Rain Gutter prevent water overflows that may occur thanks to its large reservoir.

When the profiles are connected to each other, they form an integrity and are integrated with a double claw lock system. Thanks to the high strength resulting from this, long openings can be obtained.



FRONT POST PROFILE

Front Post profile is 160x160 mm in size and weighs m/6050 gr.

The front posts are mounted by inserting a pvc pipe into the water drainage area with its special claw cap structure and the water from the gutter is discharged with the help of pvc.

The front posts are connected to the ground with 6 mm aluminium flange and in this way, the appearance of screws that will disrupt the aesthetics is hidden.

Oxidation of the front post is prevented by using stainless bolts and drain.



PANEL

Panel profiles are 20,6 mm wide and weigh m/4630 gr.

Thanks to the hidden slope inside the panel, water accumulation that may occur is prevented.

Thanks to the special reservoir structure at the top of the panel, the substances that may accumulate on the system are prevented from falling inside during the opening of the system.



DRAINAGE

With the cover of the post profiles, water can be carried through the strut with pimash, and in addition to being able to exit from the desired point, painted finish elements in aluminium system colour are used at the exit points. Flexible and suitable for structures, the water discharge system offers the opportunity to exit from all points of the system.



135 X 135 POST PROFILE

Support profile is used in the expansions of our SKYTEKS system from 6m to 8m.

This profile is 135mm x 135mm in size and m/5000 gr. weighs.

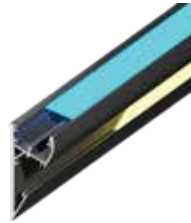
Thanks to its structure suitable for the lower form of the stream profile, it can be mounted at the desired point in the direction of the opening.

With 6mm aluminum flange to the ground connected, thereby making the aesthetic screw image that will break it is hidden.



CORNER ADAPTOR

The most important feature that distinguishes the system from its peers is the adapters located at 4 corners. Thanks to the corner adapters, the gutters are not cut at 45 degrees and thus the compatibility of the profiles with each other is further increased. By using first class rubber gasket between the corner adapters and the gutter, the problems of silicone sealant application are overcome and water isolation problems are also prevented.



LED PROFILE

24 Volt led lighting is used in aluminium panel system.

In a single profile, there is both standard lighting (700 lumens-3000 kelvin-daylight) and ambient RGB lighting facing the panel.

At the same time, the fact that the led profile is independent of the gutter ensures that the led lighting system works smoothly and has a long life.



COMPLEMENTARY STRUCTURE

There are specially designed profiles and gaskets for front, rear and sides. It protects the working parts, motor, electrical parts, mechanical parts of the system against all external conditions. Reduces the need for maintenance by preventing drainage blockages. At the same time, aesthetic appearance is obtained by providing a general integrity in the system when viewed from every angle.

RAIL

The rail profile is 70x137 mm in size and weighs m/2877 gr. The rail profile also provides ease of installation thanks to its integrated structure.



SLIDE

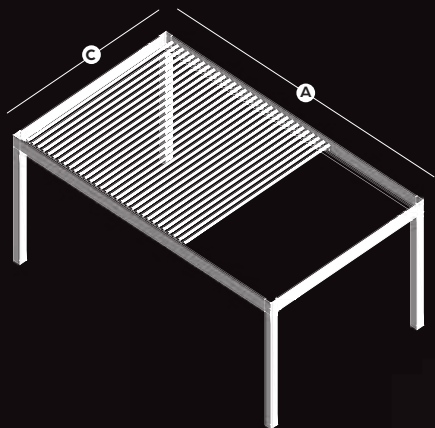
 **SKYTEKS** SLIDE

STRONG TRUSS STRUCTURE

The strength created by the strong truss structure reaches maximum insulation with the double channel wick application on the panels. However, water flowing over the panel is prevented from entering the environment. Thus, it does not allow you to be affected by adverse weather conditions.

Width
400

Projection
800







INSULATED PANEL

It provides extra contribution to condensation, heat and sound insulation by applying polyurethane foam to panel profiles.

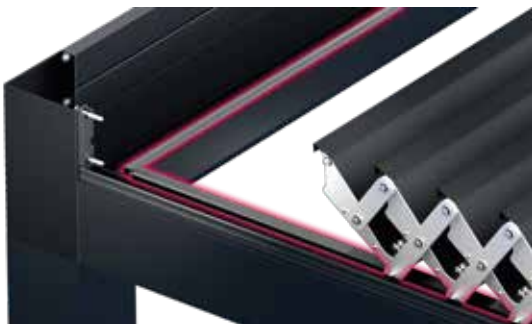


STANDARD PANEL

It supports insulation thanks to the room gaps inside the panels.

GUTTER WICKS

It provides maximum isolation between the panel and the gutter thanks to the wicks located in the gutters on all four sides of the system and after the panels are closed.



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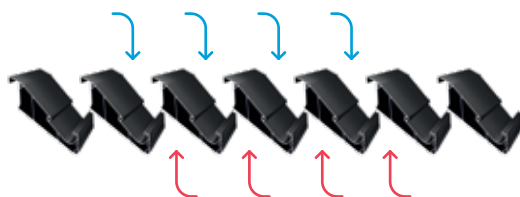
PANEL LOCK

It prevents insulation weaknesses that may arise due to turbulence effect and prevents light leakage.



VENTILATION AND INSULATION

Fully lifted panels with piston movement provide maximum ventilation. In winter conditions, it fulfills the ventilation function when positioned at an angle of 10 degrees.



ROLL

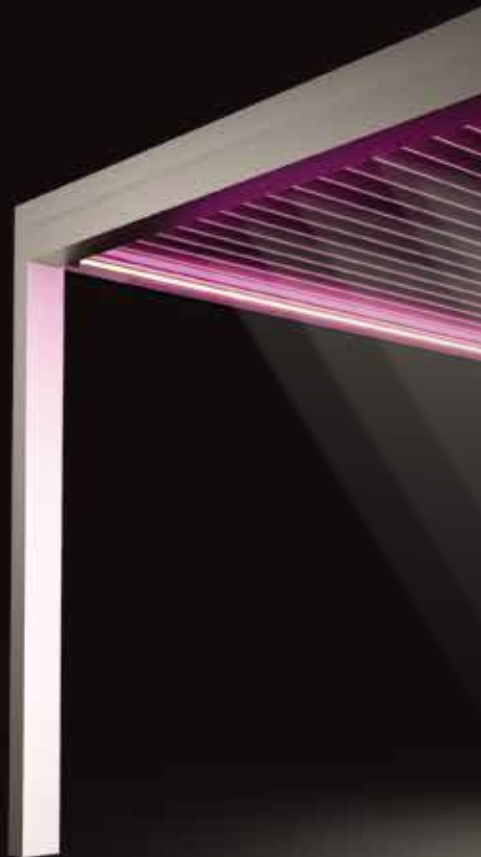
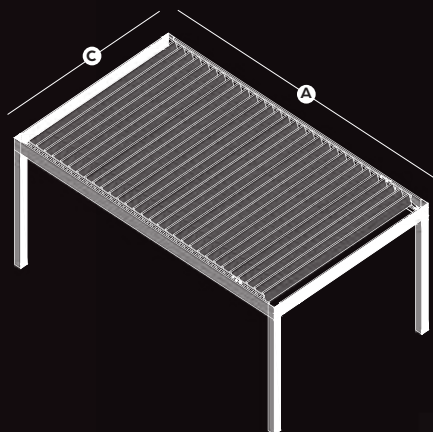
The logo for SKYTEKS ROLL features a stylized sunburst icon to the left of the brand name. The word "SKYTEKS" is in white, and "ROLL" is in red. The background of the entire page is a dark, textured grey.

110° MOVEMENT

SKYTEKS ROLL is a movable roof system consisting of panels that move at an angle of 110 degrees on its own axis thanks to its special design. While this movement provides ambient ventilation, it also allows for optimal shading according to the angle of the sun.

Width
400

Projection
800





GUTTER WICKS

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HIGH PRESSURE COATING

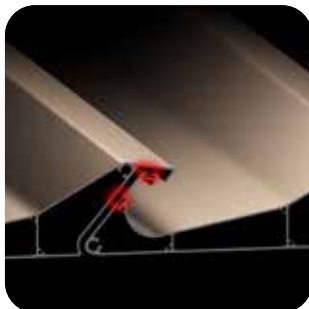
The specially shaped panels open with a single point movement, providing lighting and ventilation. To make this movement, the profile to which the panels are connected is lifted with a high pressure piston motor.





OPTIONAL LIGHTING

SKYTEKS Roll is an optional led lighting system specially applied to the panels.



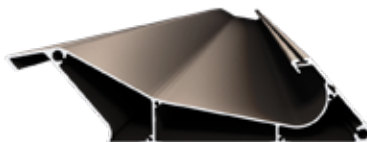
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STANDARD PANEL

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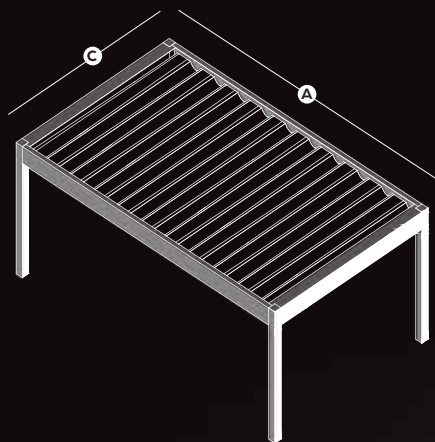
SOFT

The logo for Skyteks Soft features a stylized sunburst icon to the left of the brand name. The word "SKYTEKS" is in white, and "SOFT" is in red.

NEW FACE OF PERGOLA

We ensured the perfect harmony between the high-strength aluminum construction structure of our bioclimatic systems and the RTS system mechanism. Thus, we produced SKYTEKS SOFT, the new face of pergola.

Width	Projection	
400	800	1 modul
800	800	2 modul

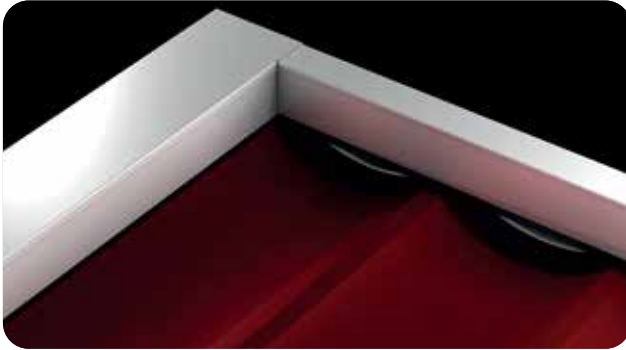






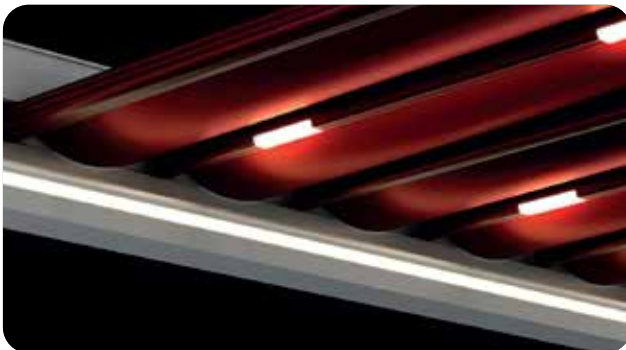
UNCURVED FABRIC STRUCTURE

The water flow is directed to the stream thanks to the curvatures given in one direction in the fabric in a non-sloping structure. It provides water flow and contributes to ambient ventilation.



MORE SPACIOUS SPACES

Thanks to the zero slope capability of the system, we make your seating areas more spacious and comfortable.





AESTHETIC AND INTEGRATED COMBINATION

Aesthetic appearance and ease of installation are provided with profiles and fasteners complementing the construction structure.



KEYANI

— RESTAURANT —

KEYANI RESTAURANT
SKYTEKS ROLL







HAPPYMOON'S
SKYTEKS ROLL







MÜSTAKİL VİLLA
SKYTEKS SLIDE







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