

SKYROOF

RETRACTABLE
BIOCLIMATIC
PERGOLAS



PALMIYE
Four Seasons Outdoor Living Areas

Spaces to live for



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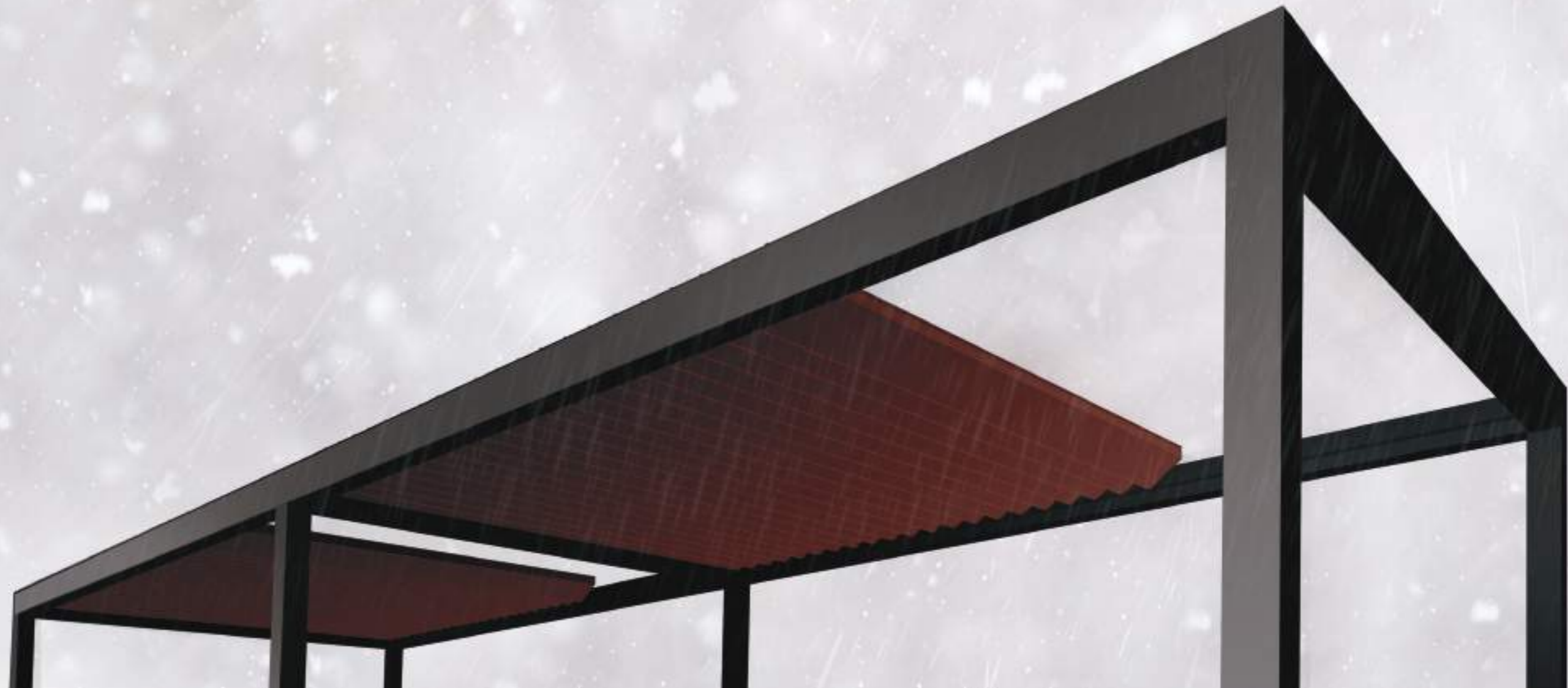
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Application Types

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Greet Deep Forces of Nature
with Peace of Mind



SKYROOF RETRACTABLE



MAX DIMENSIONS

Projection	6913 cm
Width	400 cm
Snow Load (max)	268 kg/m ²
Max. Open Space	%79

OPTIONS

Lighting	Perimeter Lighting (only)
Panels	Insulated



Integrated
Beam



Panel



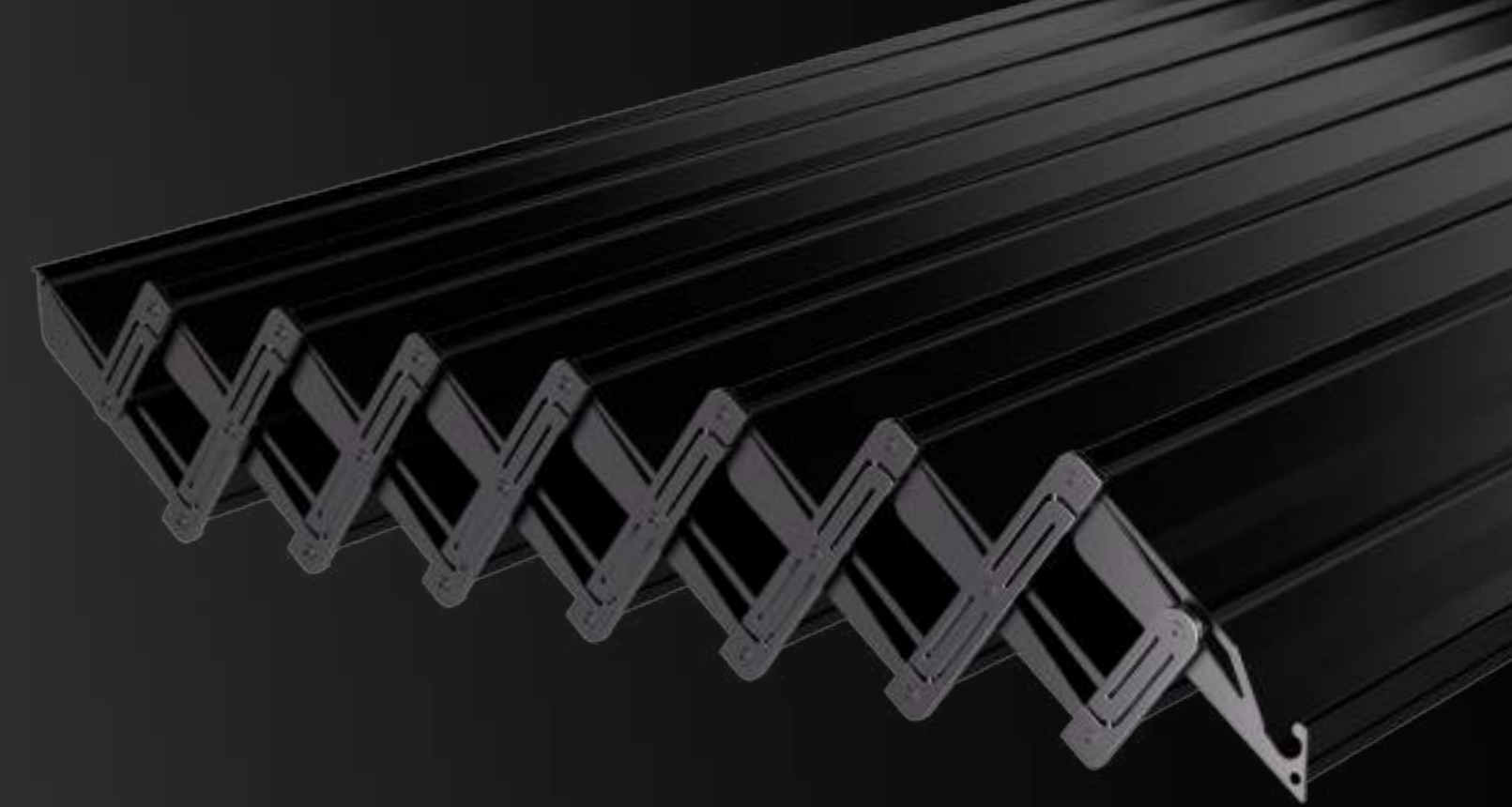
Pillar

PANEL MOVEMENT



Retraction Movement

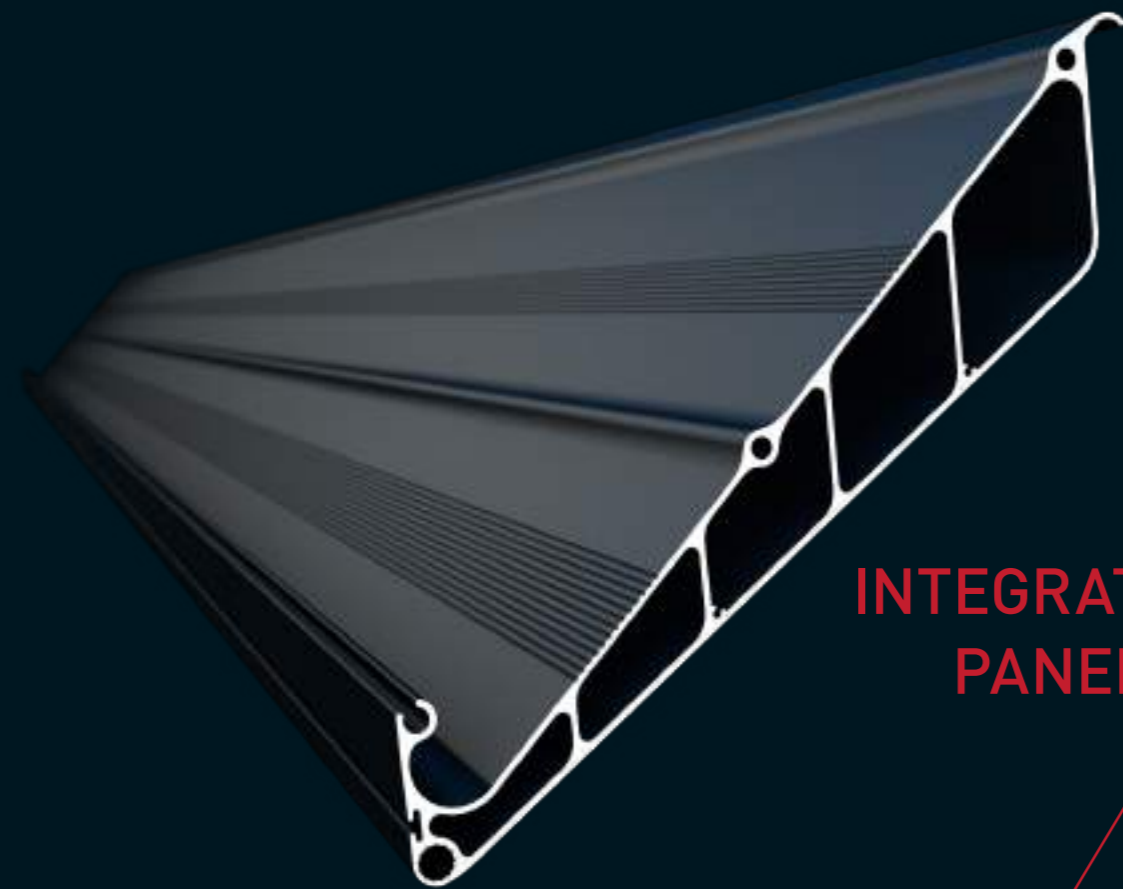
The retractable ceiling of Skyroof gives an open roof space of %79 of the total covered area, due to the synchronised movement of the creatively designed panels.



Synchronized Panel Movement

This special synchronized movement is the newest technological system, allowing simultaneous opening and retraction of all panels.

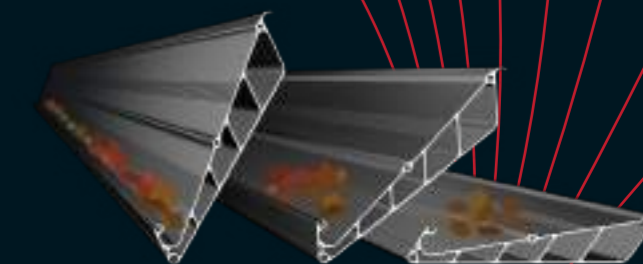




INTEGRATED PANEL GUTTER

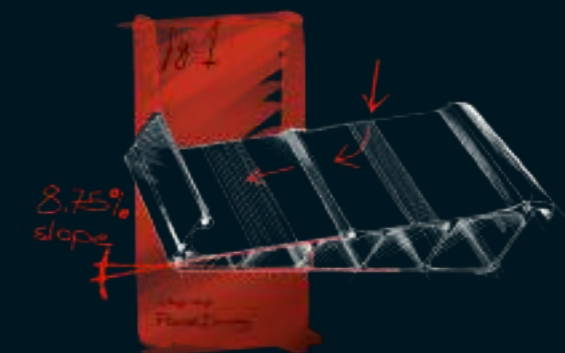
Stay Clean

The elliptical chamber on the top side of the panel prevents the accumulated materials falling into your indoor space during the panel rotation.



Internal Panel Inclination

A 8.75% internal inclination on the top of the panels ensures perfect drainage by preventing water accumulation on the system.



CLIMATE CONTROL



Insulated

Insulated Panels

Panels can be filled with Polyurethane Foam which provides extra comfort. It significantly helps to reduce condensation.

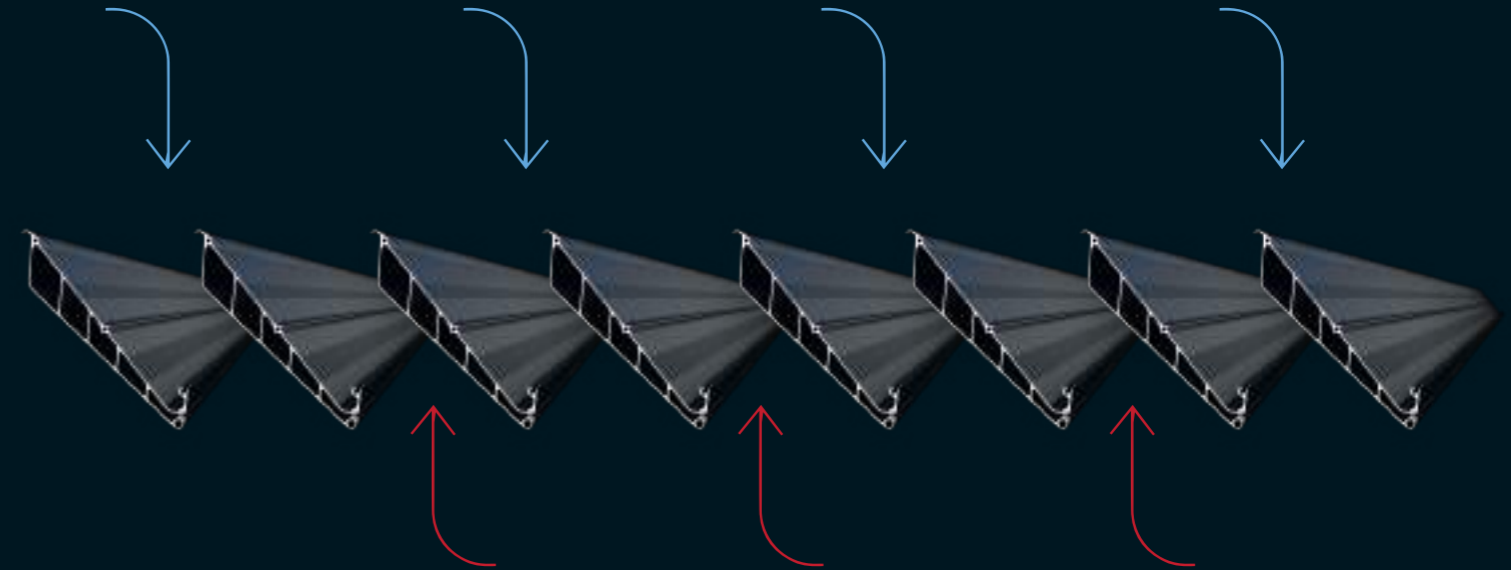


Standard

Air Tunnels

The panel structure provides certain level of insulation.

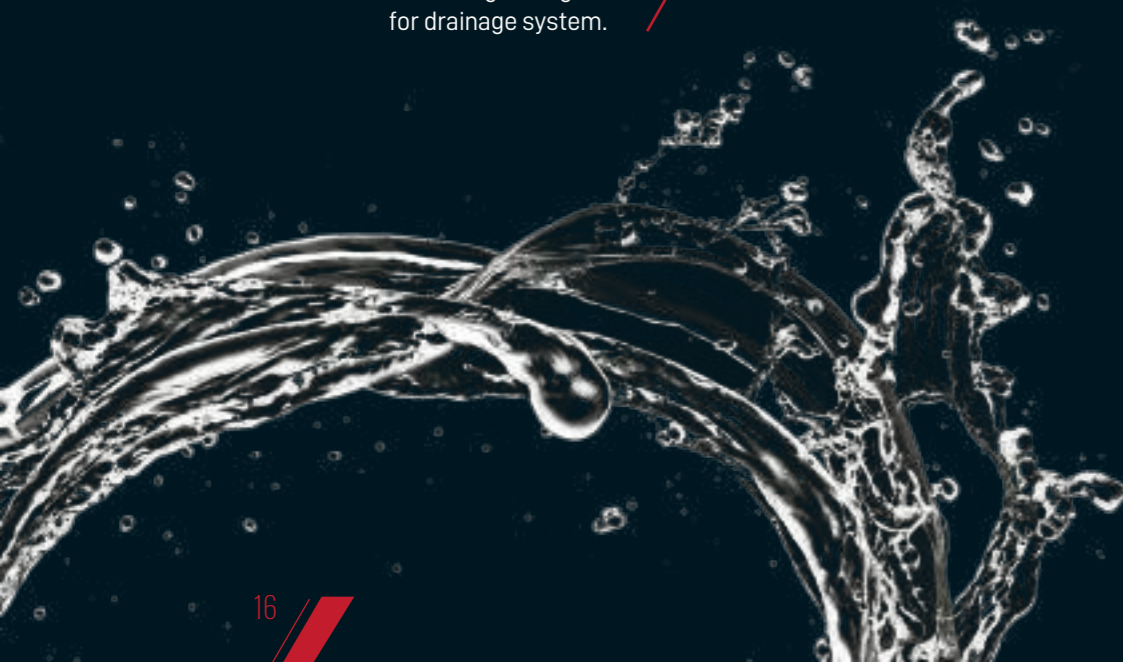
VENTILATION MODE



'MY' button on your remote control allows you to refresh the air with a single touch and provide fresh air in to the room ; while "Connexoon" feature supports creating your own ventilation scenario via your smartphones.

INTEGRATED BEAM & DRAINAGE SYSTEM

The integrated beam is the main carcass of the whole Retractable Skyroof system. All loads are shared equally to its structure. It also features an integrated gutter for drainage system.



Distribution Pieces

The distribution pieces route and accelerate the water through the pillars.

Water Blocking Barrier

The barrier blocks water to run inside the air tunnels.



Integrated Drainage System

The hidden section of the drainage system is ingeniously integrated.



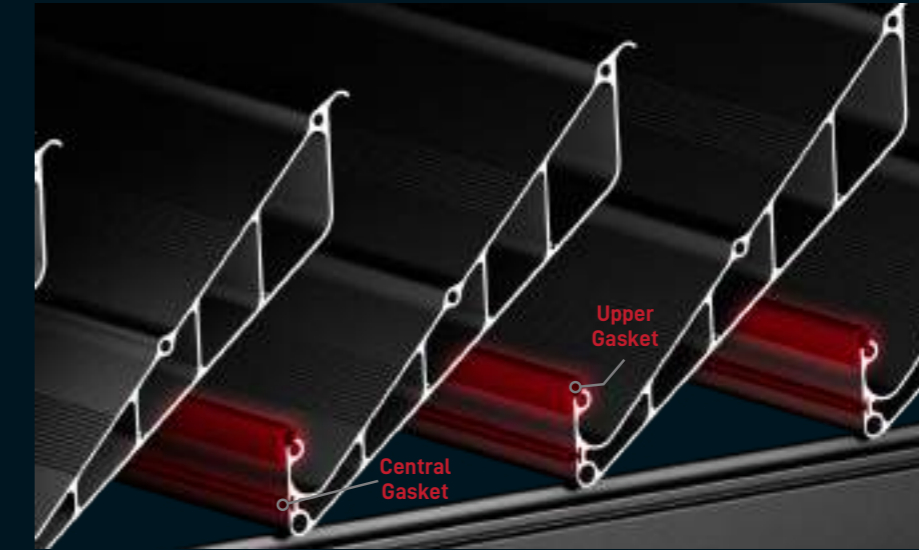
Specially designed aluminum panels guide the water through integrated gutters on all sides.



Water evacuates from the Integrated Beam.

MULTI-SEALING SYSTEM

Synchronized moving panels during the closing movement simultaneously presses the gaskets located on the integrated beams and thus ensure maximum insulation.



Panel Interlock

Thanks to the synchronous closing movement of the panels, the gaskets on the panels are clamped together at the same time and a complete insulation is provided between the panels.



DETAILS /
OPTIONS

SIDE COVER OPTIONS

For environmental protection or to create outdoor living areas used throughout four seasons, Skyroof Retractable sides can be covered by glass, vertical blinds, and aluminium panels.



Blinds and Awnings



Louvers



Glass Systems

LIGHTING OPTION

Perimeter lighting systems can be dimmed to create the perfect ambiance.



PERIMETER LIGHTING



> LED strips are integrated into the gutter profile.

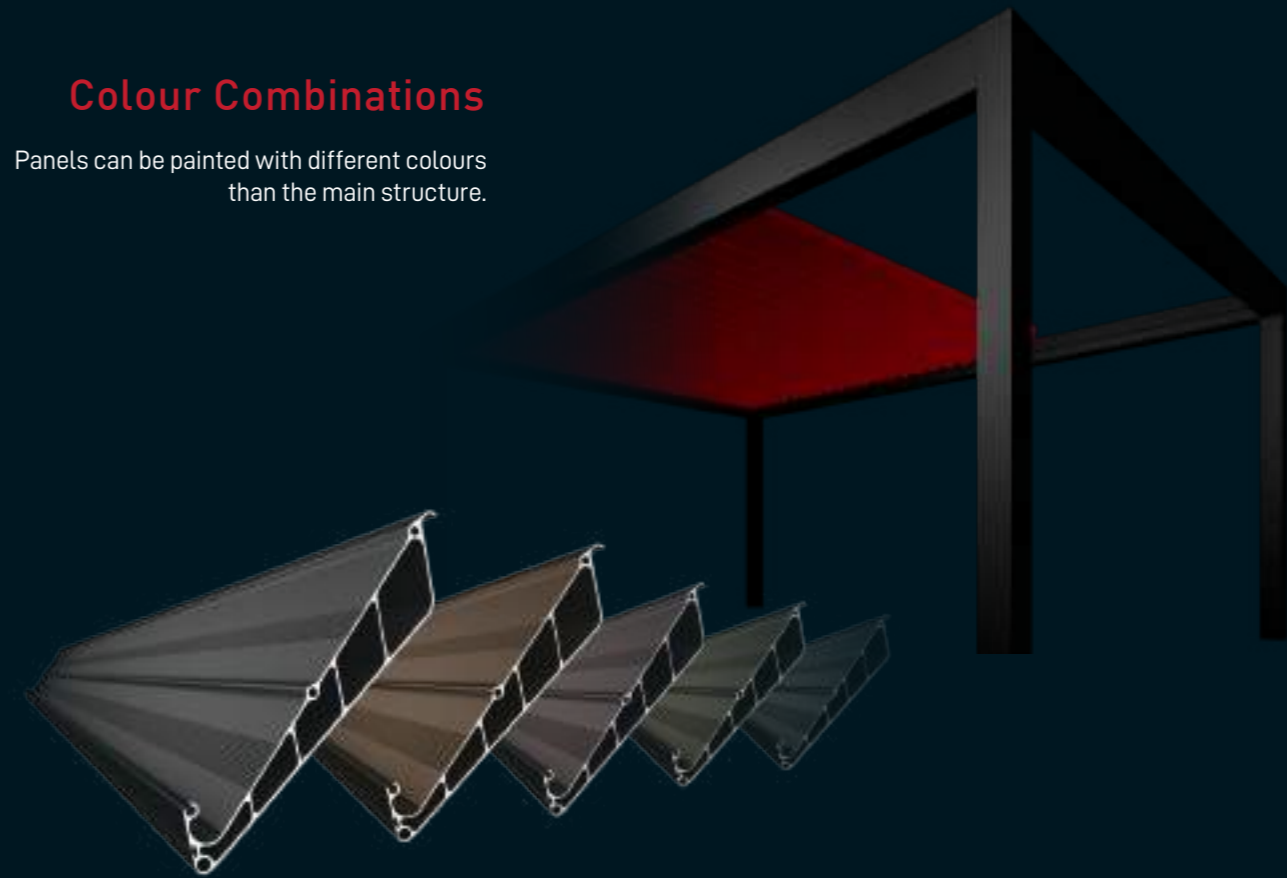


COLOUR OPTIONS

Choose your colour or colour combinations (dual colour). We coat our profiles with electrostatic powder paint using advanced Nanotechnology.

Colour Combinations

Panels can be painted with different colours than the main structure.



CONTROL & AUTOMATION



CONNEXOON

Designed to easily control your product wherever you are in the world, despite the weather changes you can remotely activate your products accordingly.

Compatible with iOS and Android smartphone systems. You can assign multiple functions through created scenarios, you can give a one-touch command.



A *



B



C



D



E



A Telis 1 Elegant design that allows you to easily control your product.

* The standard control unity.

B Lounge Elegant design with black color.

C Patio IP 66 water-proof feature for outdoor use.

D 16-channel ergonomic design that allows you to control all functions at the same time from one control. By digital screen feature you can control different products with a symbol and a number given for different products.

E Functional design that allows the adjustment of the illuminations to the desired level with the Roller feature.



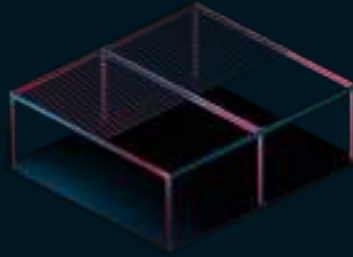
MULTI CHANNEL OPTIONS

Telis 1 is remote control with 1 channel, while the Telis 4 has got 4 channels. Telis 4 option is available for Pure, Lounge, Patio, RTS Lounge Roller and RTS Pure Roller.

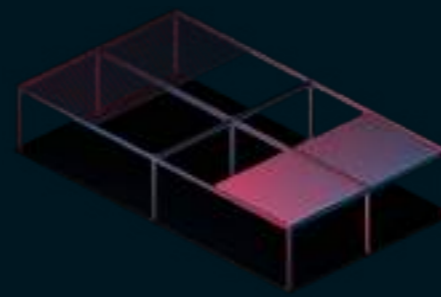
MODULARITY

SKYROOF Retractable offers a wide variety of modular construction possibilities by means of its flexible and compact structural design.

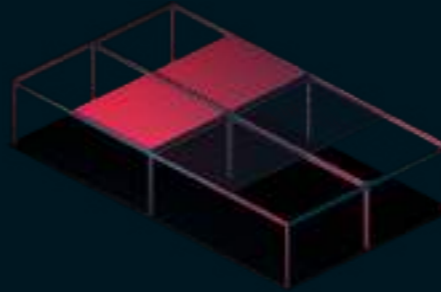
2 MODULES



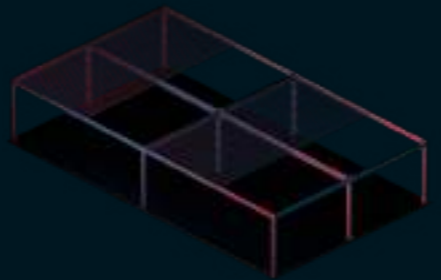
4 MODULES



2-Module-Connector

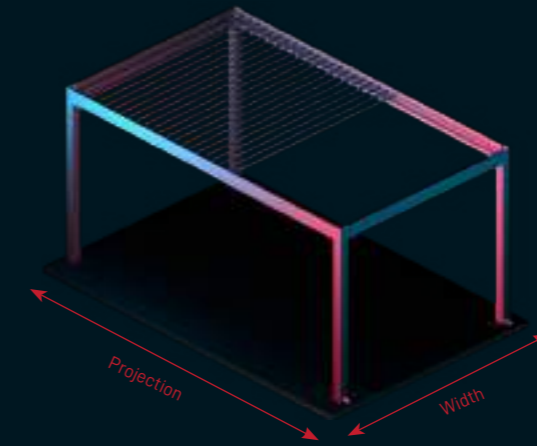


4-Module-Connector



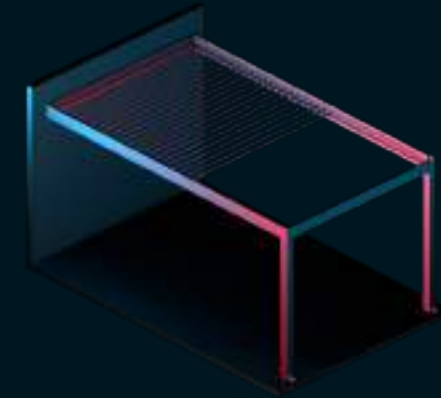
APPLICATION TYPES

FREESTANDING



SKYROOF
 Max. Width 400 cm
 Max. Projection 691,3 cm

WALL MOUNTED



SKYROOF
 Max. Width* 400 cm
 Max. Projection 691,3 cm
 *2,8 cm bracket width needs to be added.

Skyroof Retractable manufactured with four pillars up to a projection measure of 579,9 cm. Above this, one more pillar needs to be added for each of projection sides. The projection measure changes in multiples of 31,54 cm.









**5-YEAR
WARRANTY**

All our products have up to 5 years guarantee for the construction and motor. The electronics and remote controls are guaranteed for 2 years.



www.palmiye.eu


PALMIYE
Four Seasons Outdoor Living Areas