

RETRACTABLE
BIOCLIMATIC
PERGOLAS



PALMIYE
Four Seasons Outdoor Living Areas

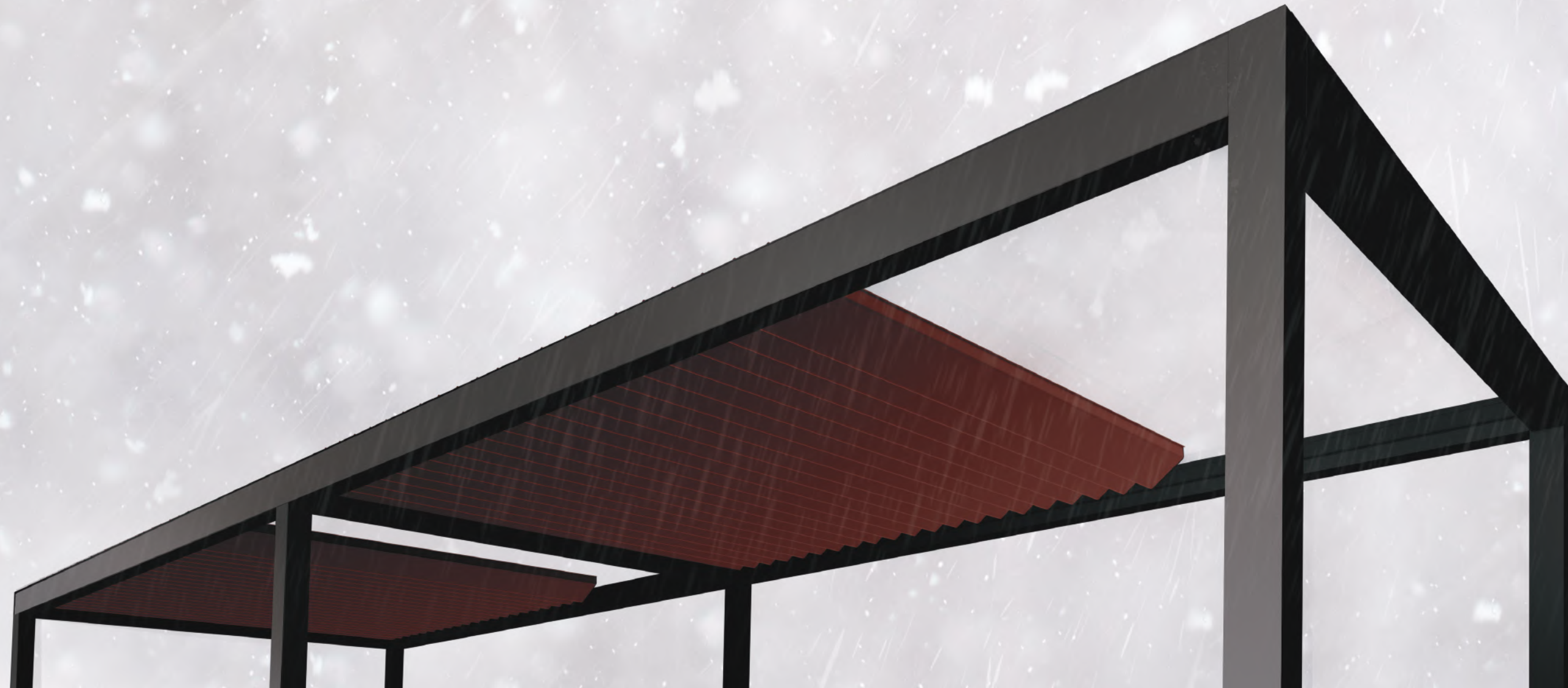
Spaces to live for



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Greet Deep Forces of Nature
with Peace of Mind





RETRACTABLE SKYROOF

MAX DIMENSIONS

Projection	694,3 cm
Width	400 cm
Snow Load (max)	268 kg
Max. Open Space	%79

OPTIONS

Lighting	Perimeter Lighting (only)
Panels	Insulated



Integrated
Beam

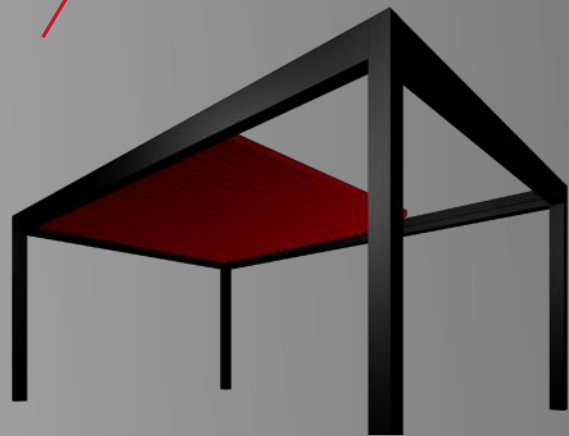


Panel



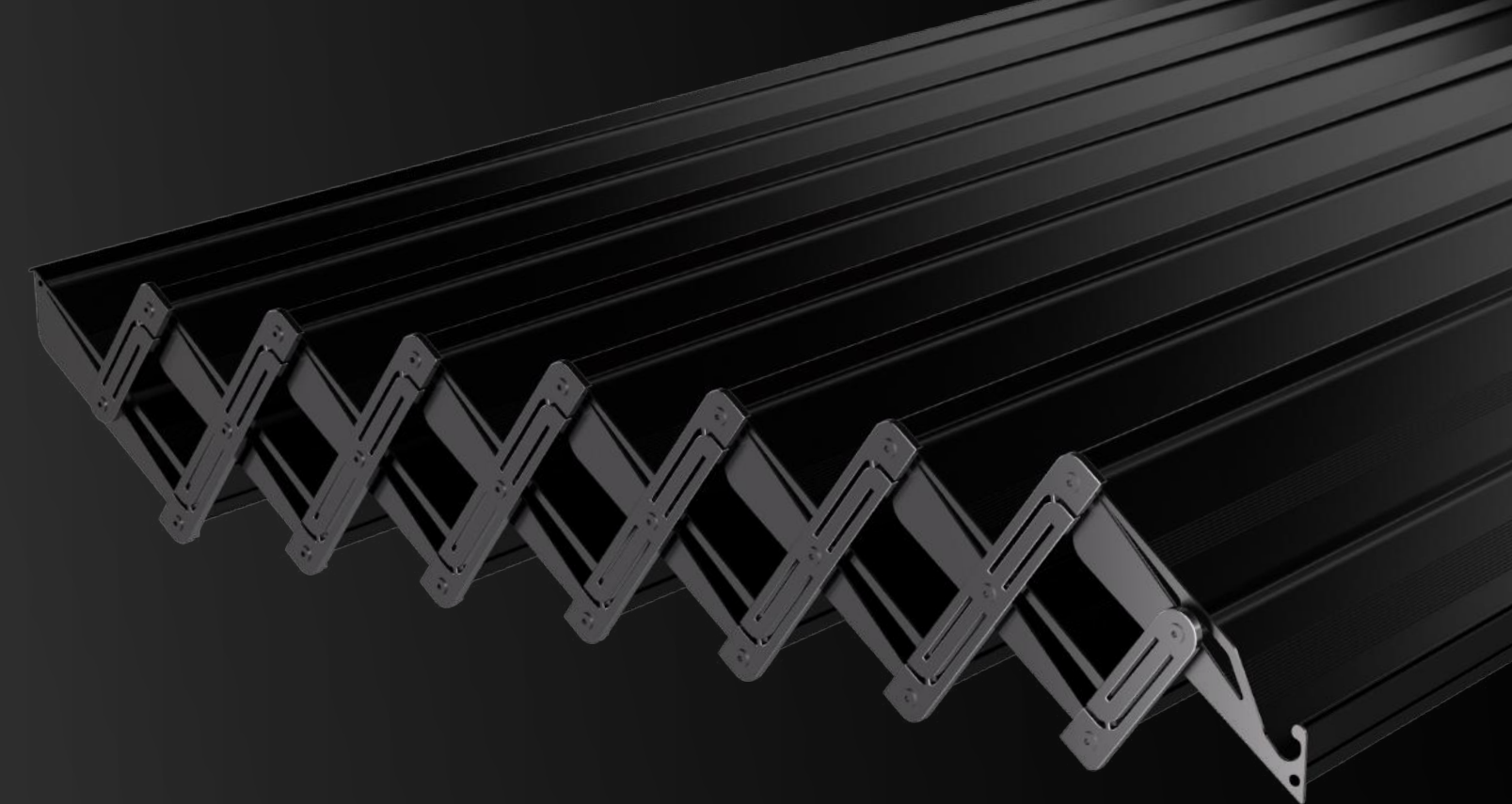
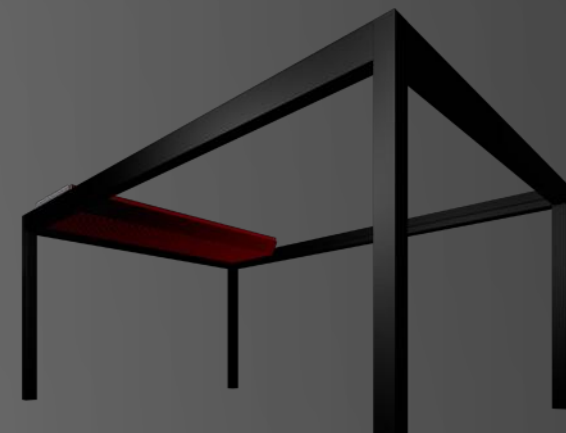
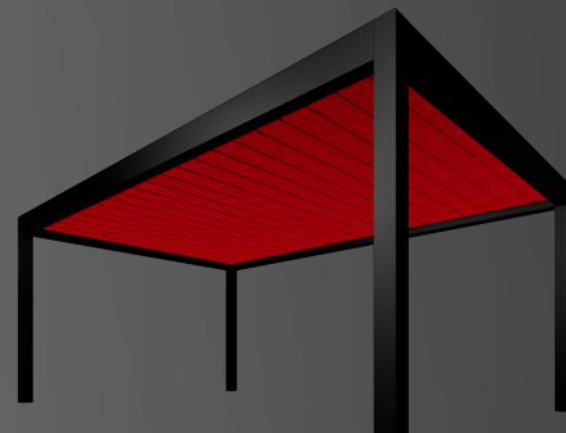
Pillar

PANEL MOVEMENT



Retraction Movement

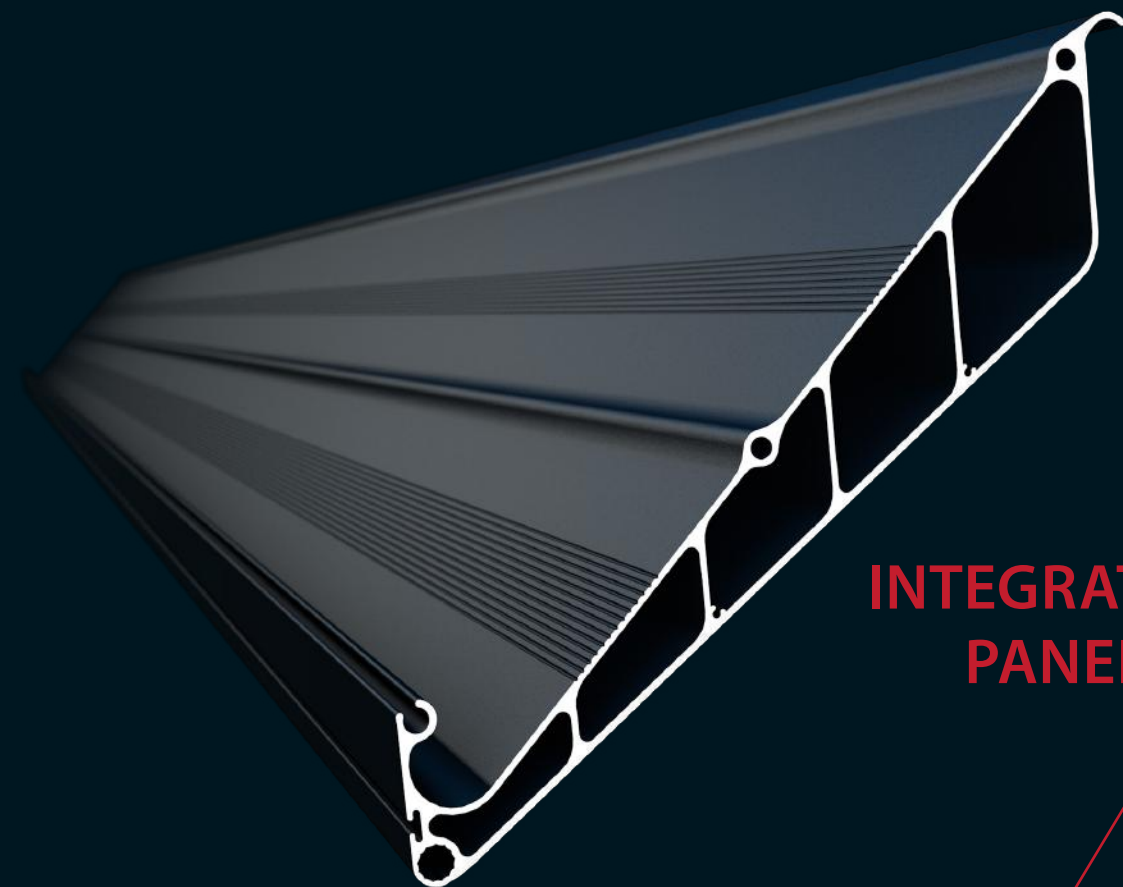
The retractable ceiling of Skyroof gives an open roof space of %79 of the total covered area, due to the synchronised movement of the creatively designed panels.



Synchronized Panel Movement

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

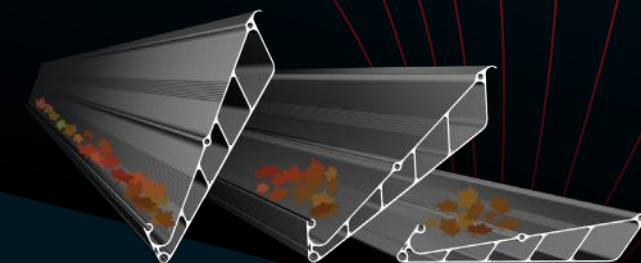




INTEGRATED PANEL GUTTER

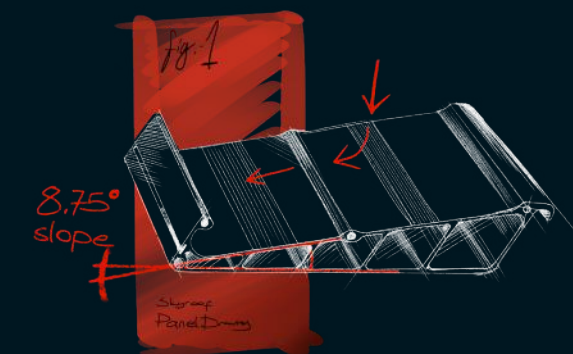
Stay Clean

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

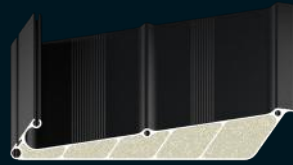
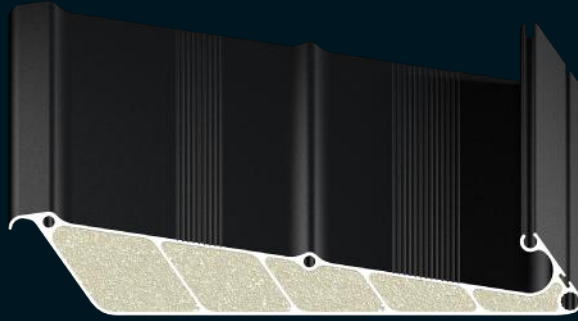


Internal Panel Inclination

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



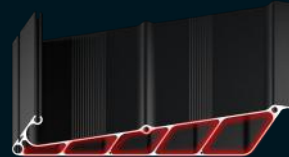
CLIMATE CONTROL



Insulated

Insulated Panels

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

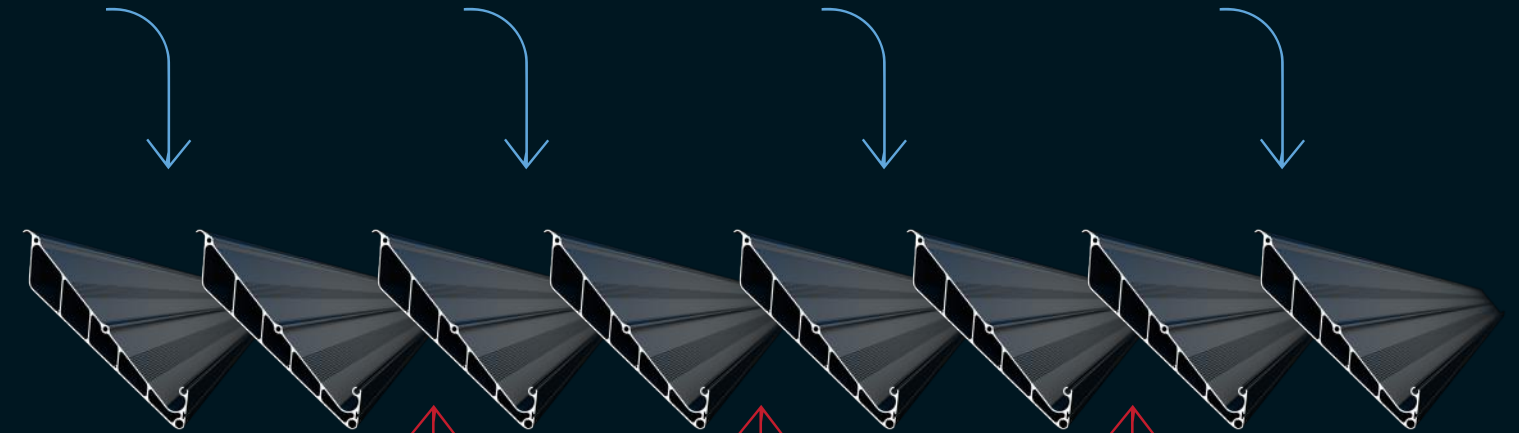


Standard

Air Tunnels

The panel structure provides certain level of installation.

VENTILATION MODE



VENTILATION MODE

The ventilation scenario, which can be defined by the control via Connexoon, allows you to refresh the air in the room with a single button touch, allowing fresh air to enter in.

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 as integrated gutter for drainage system.

Distribution Pieces

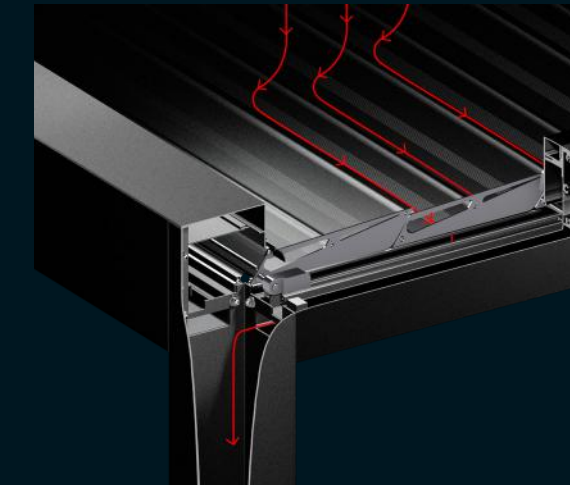
The distribution pieces route and accelerate the water through the pillars.

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.

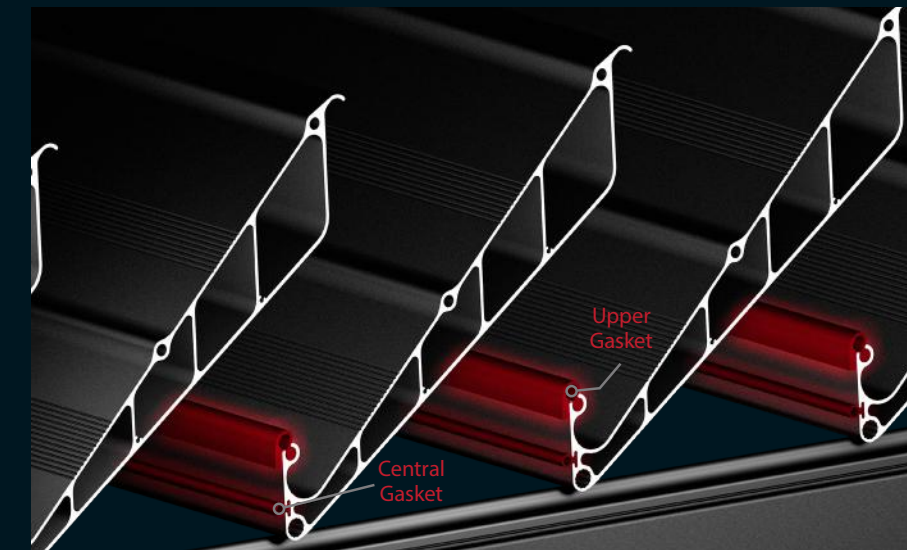


Water evacuates from the Integrated Beam.

MULTI-SEALING SYSTEM

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

Base
Gasket



Panel Interlock

Thanks to the synchronous closing movement of the panels, the gaskets on the panel 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,
Retractable Skyroof sides can be
covered by glass, vertical blinds,
and aluminium panels.



Blinds and Awnings



Louvers



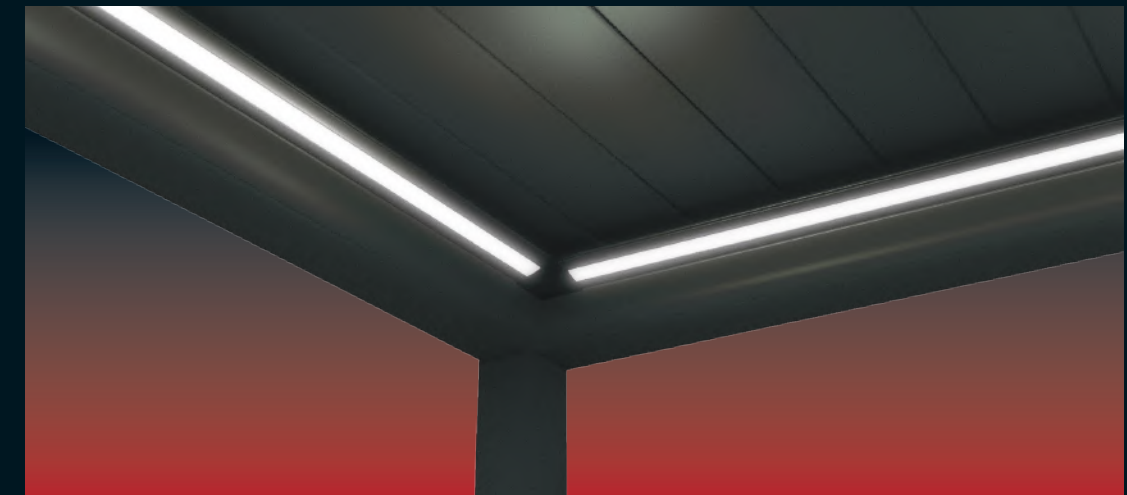
Glass Systems



LIGHTING OPTION

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

PERIMETER LIGHTING

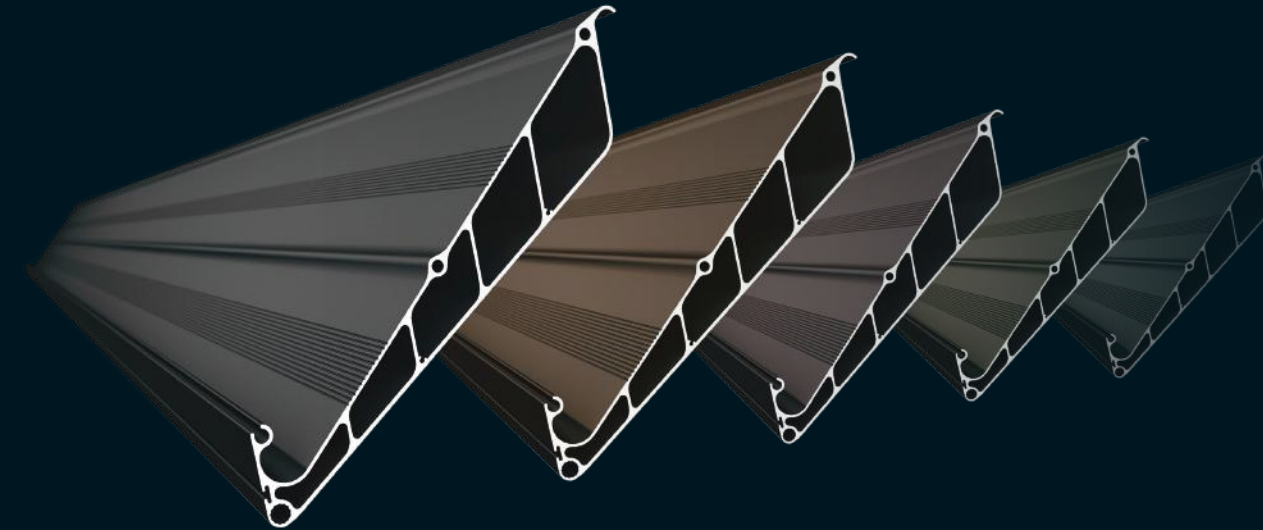


› LED strips are integrated into the gutter profile.



COLOUR / OPTIONS

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



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.

B Lounge Elegant design with black color.

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

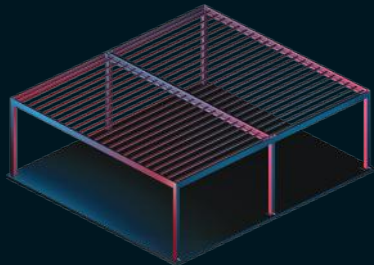
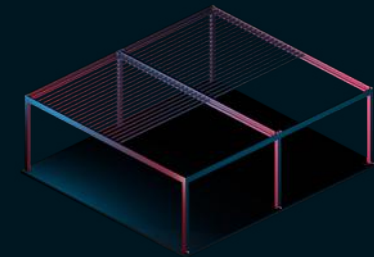
D 16-channel ergonomic design that allows you to control all functions at the same time from one control.

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

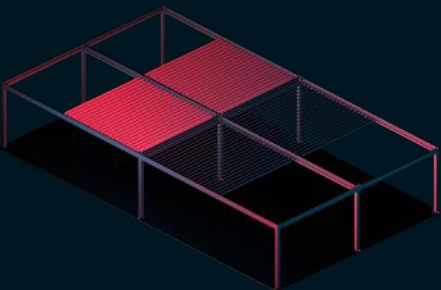
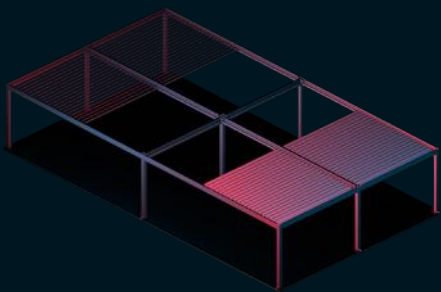
MODULARITY

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

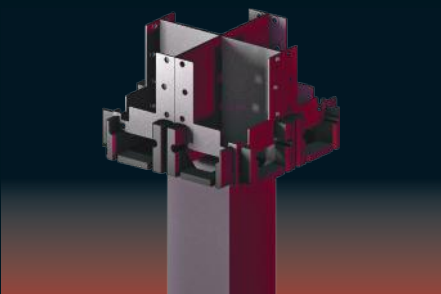
2 MODULES



4 MODULES



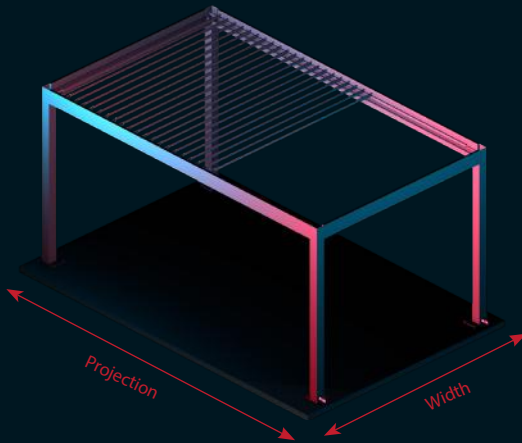
2-Module-Connector



4-Module-Connector

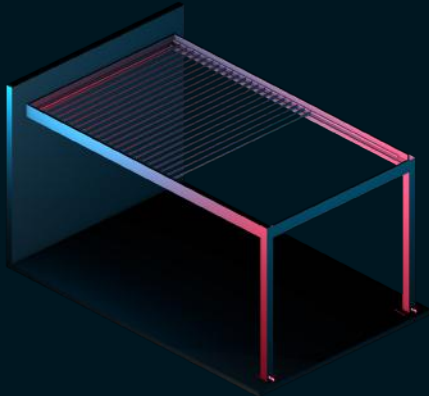
APPLICATION TYPES

FREESTANDING



SKYROOF		
Max. Width	400 cm	
Max. Projection	694,3 cm	

WALL MOUNTED



SKYROOF		
Max. Width	400 cm	
Max. Projection	694,3 cm	

The Retractable Skyroof manufactured with four pillars up to a projection measure of 582,9 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

