

# OUTDOOR LIVING REDEFINED

[www.violux.co.uk](http://www.violux.co.uk)

 **Violux**



# CONTENTS

## **01. Pergolas**

- Retractable Pergola

## **02. Bioclimatic Pergolas**

- Retractable Roof
- Rotatable Roof

## **03. Sunrooms**

- Flat Glass Roof
- Retractable Glass Roof
- Sloped Glass Roof

## **04. Awnings and Blinds**

- Sunscreen
- Roof Sunshade

## **05. Glass Systems**

- Guillotine Windows
- Sliding Doors
- Bifold Doors

“

# THE BEAUTY OF THE OUTDOORS IN EVERY DETAIL..

Driven by the desire to harmonise with nature, our range of products, from enchanting Sunrooms to versatile Pergolas, epitomises a commitment to excellence. We believe in crafting spaces that not only elevate aesthetics but also enhance the way you experience the outdoors.



# UPGRADE YOUR OUTDOOR SPACE WITH **SMART PERGOLAS AND SUNROOMS**

Discover a new standard of outdoor living with our smart pergolas, bioclimatic pergolas, and sunrooms. Our cutting-edge solutions blend advanced technology with sophisticated design. Enjoy peace of mind with sensors and smart controls that let you manage everything effortlessly from your phone. Create an elegant and comfortable outdoor haven tailored to your lifestyle.



## Rain Sensor

Don't let a sudden shower ruin your outdoor plans. Our rain sensors automatically close all the motorized systems at the first sign of rain, ensuring your space stays dry and cozy. Enjoy your garden or patio, whatever the weather.



## Wind Sensor

Keep control of your outdoor area with our reliable wind sensors. These sensors detect strong winds and adjust your awnings and blinds to prevent any damage. Feel confident that your outdoor space is protected, even on windy days.



## Smart Control

Effortlessly manage your outdoor environment with our smart control systems. Adjust lighting, and motorized systems from your smartphone or tablet. Creating the perfect outdoor atmosphere is simple and convenient, letting you enjoy your space to the fullest.



## PERGOLAS

Our pergolas, with retractable PVC roofs, offer unparalleled flexibility. This innovative fabric design ensures your outdoor area is stylish, comfortable, and adaptable to all weather conditions. Customise your pergola for a truly unique outdoor sanctuary. Explore our diverse range of retractable pergolas, including linear, arched models, and more, each designed to enhance your outdoor living space with style and functionality.



All Seasons



Resist Bad  
Weather



Fire  
Retardant



Complete  
Blackout



Watertight



Dimmable  
LED Lights



Remote  
Controlled



Custom  
Finishes



- **Retractable Pergola**



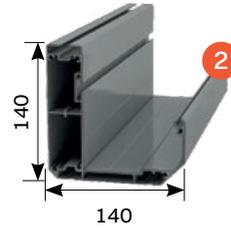
size in mm



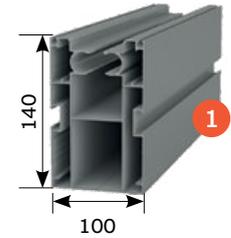
Model 1

	Max. width	Max. projection
Single Form	450 cm	900 cm
Double Form	850 cm	900 cm
Triple Form	1200 cm	900 cm

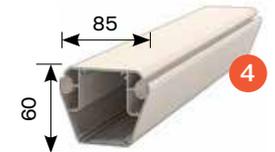
Extruded Frontal Gutter (Water-drain)



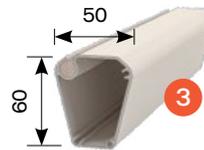
Rails



Fabric Profile



Fabric Profile



Pole



Model 2



Model 3



Model 4



Model 5

9016 1013 8017 9005 9006 7043 7016



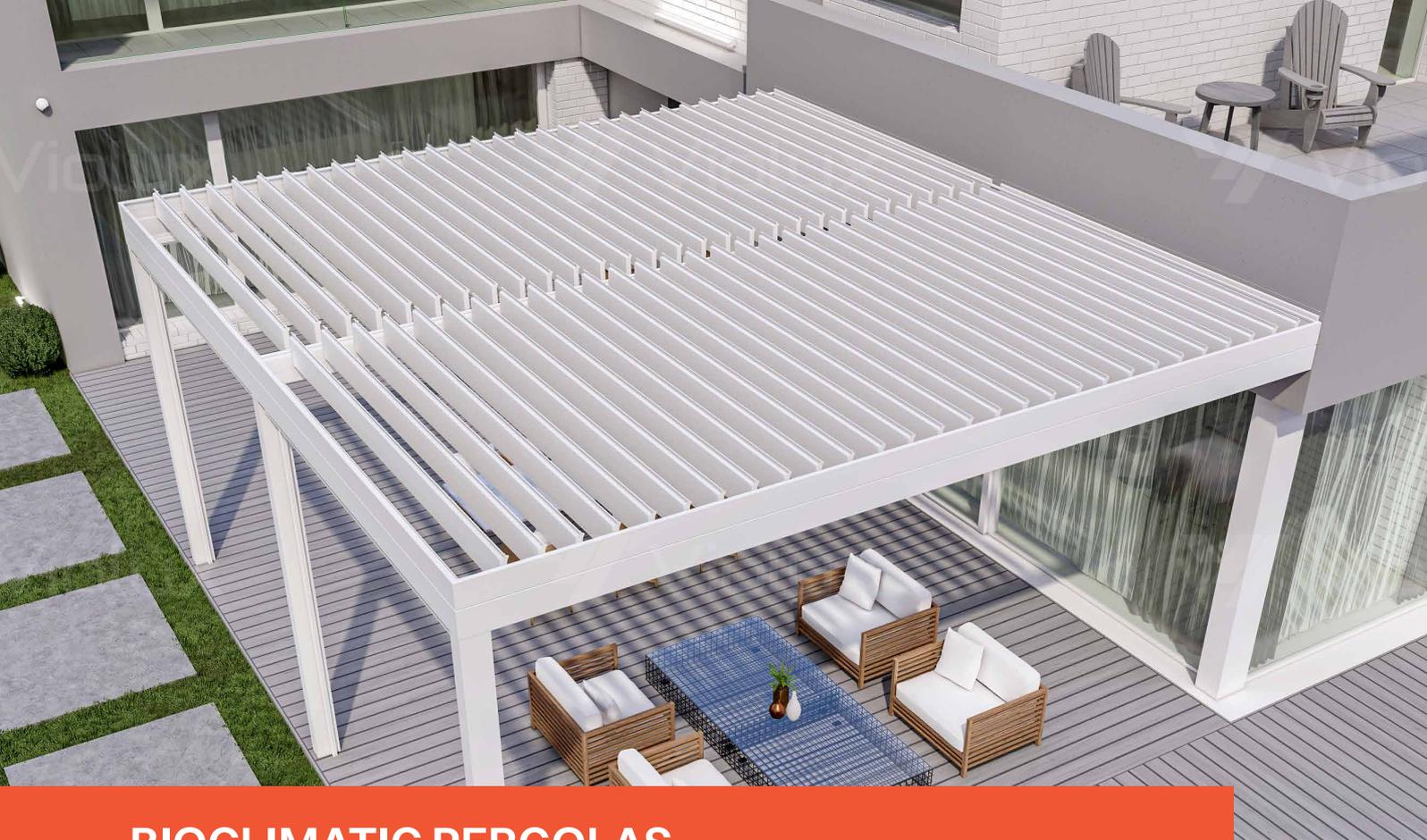
Other Colours +10%



Our pergolas stand out with their retractable PVC roof, blending functionality with style. Enjoy adjustable shading, waterproof protection, and a gentle breeze at your command, ensuring your outdoor space remains comfortable and inviting, whatever the weather.

### Technical Legend

- ① Rail Ray
- ② Extruded Frontal Water-drain
- ③ Middle Flowing Profile
- ④ Last Flowing Profile
- ⑤ Pole



## BIOCLIMATIC PERGOLAS

Whether you're dreaming of a secluded retreat or a stylish entertaining area, our Pergolas cater to a wide range of preferences. With a variety of customisable options, from adjustable blinds to different materials and finishes, we offer you the chance to create a unique outdoor sanctuary that reflects your personal taste.



All Seasons



Resist Bad  
Weather



Fire  
Resistant



Complete  
Blackout



Watertight



Dimmable  
LED Lights



Remote  
Controlled



Custom  
Finishes



Built to  
Last



- **Bioclimatic Rotatable Pergola**





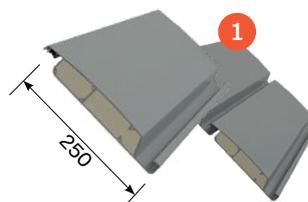
- **Bioclimatic Retractable Pergola**



size in mm



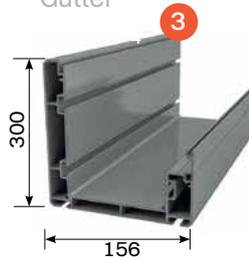
Panels



Column



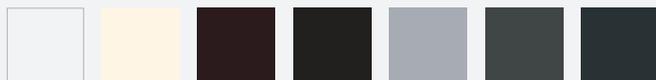
Gutter



Max. width 1000 cm

Max. projection 850 cm

9016 1013 8017 9005 9006 7043 7016



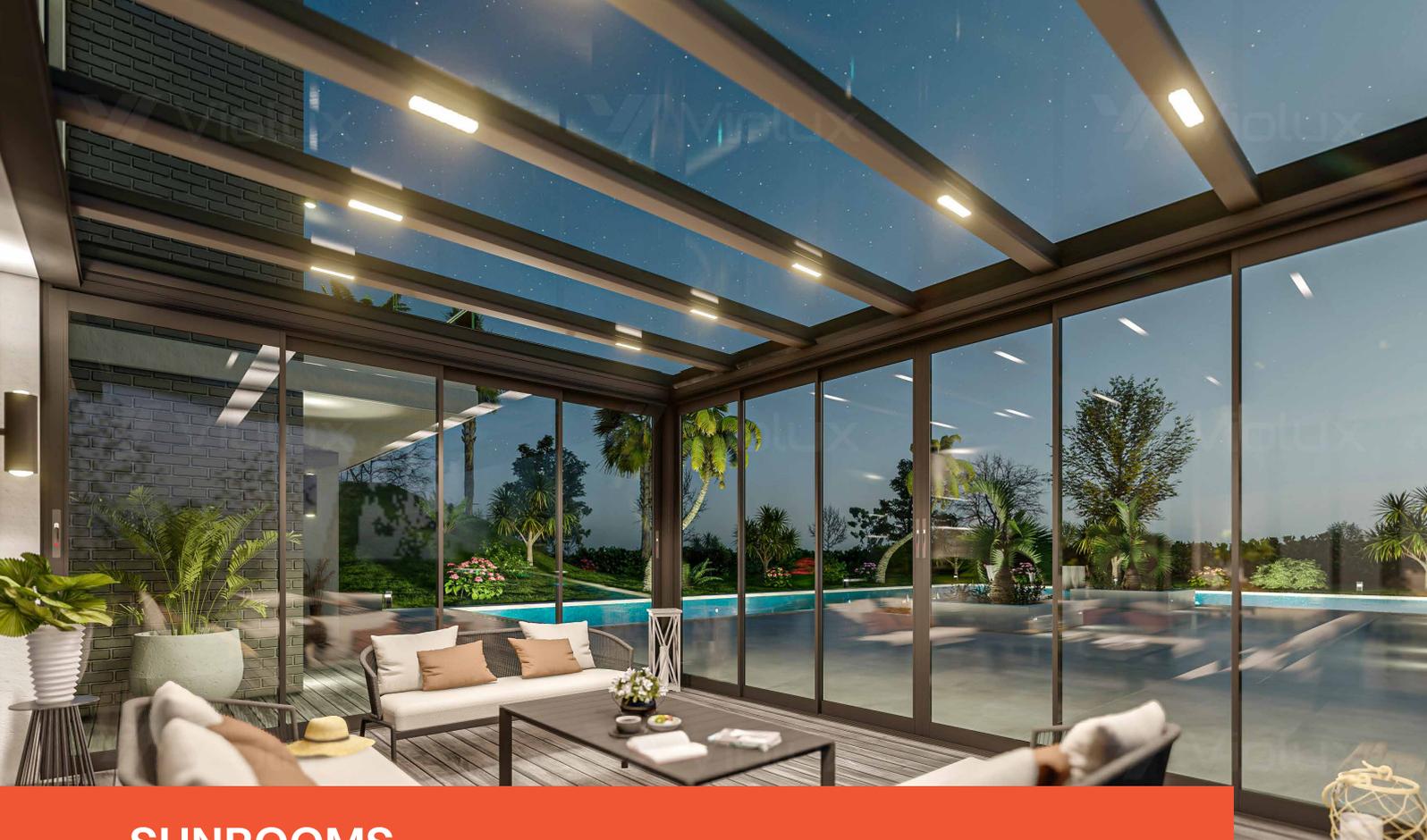
Other Colours + 10%



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 panels prevented from entering the environment. Thus, it does not allow you to be affected by adverse weather conditions.

### Technical Legend

- 1 Aluminium Panel
- 2 Column
- 3 Gutter



## SUNROOMS

Immerse yourself in the serenity of nature all year round with our Sunroom solutions. Designed for those who cherish the outdoors, our Sunroom merge the beauty of nature with the comfort of your home. With customizable options that suit any style, these spaces provide a tranquil sanctuary to enjoy regardless of the weather, bringing the beauty of the outdoors inside.



All Seasons



Resist Bad Weather



Fire Resistant



Complete Blackout



Watertight



Dimmable LED Lights



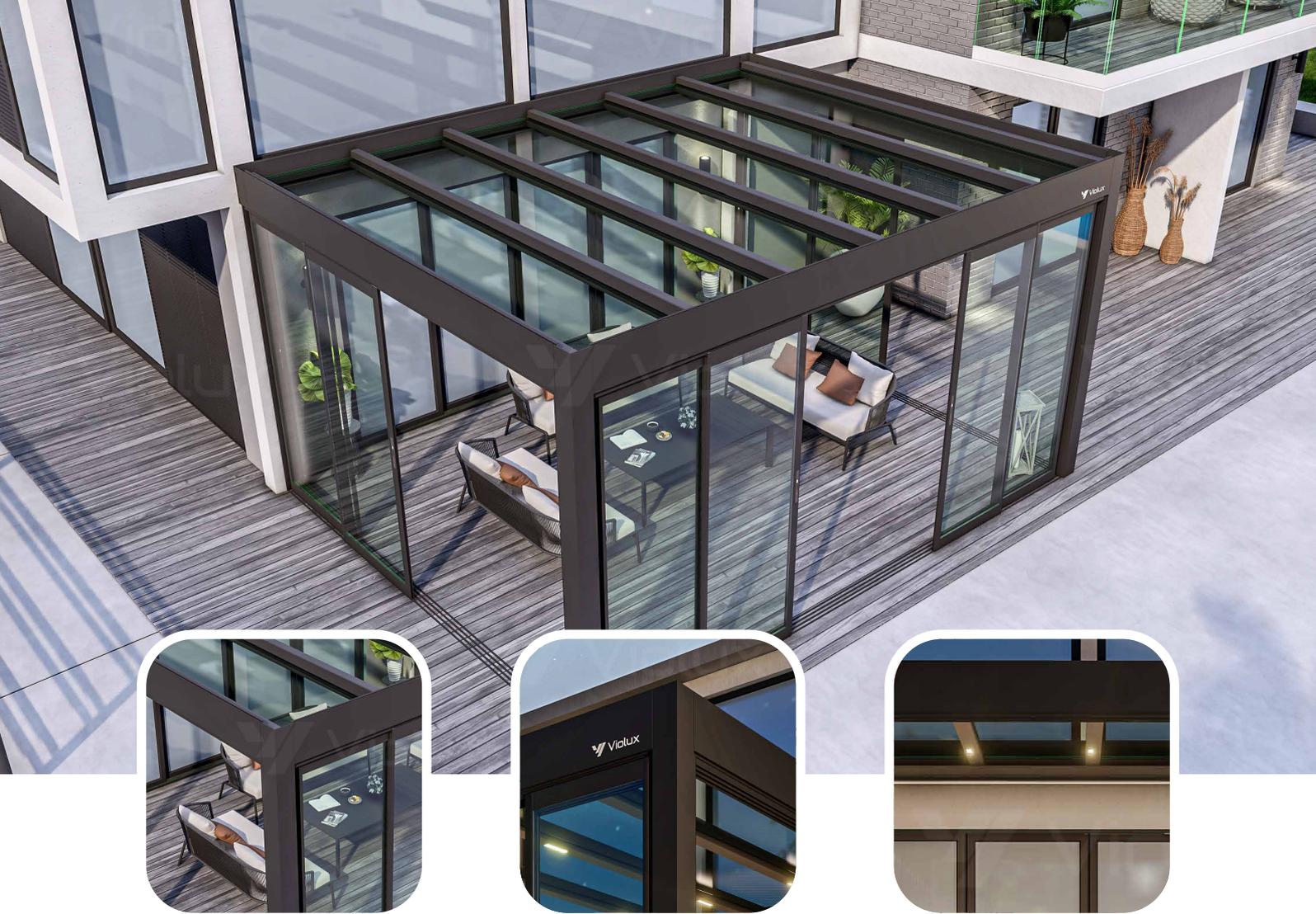
Remote Controlled



Custom Finishes



Built to Last



- Flat Glass Roof





- **Retractable Glass Roof**

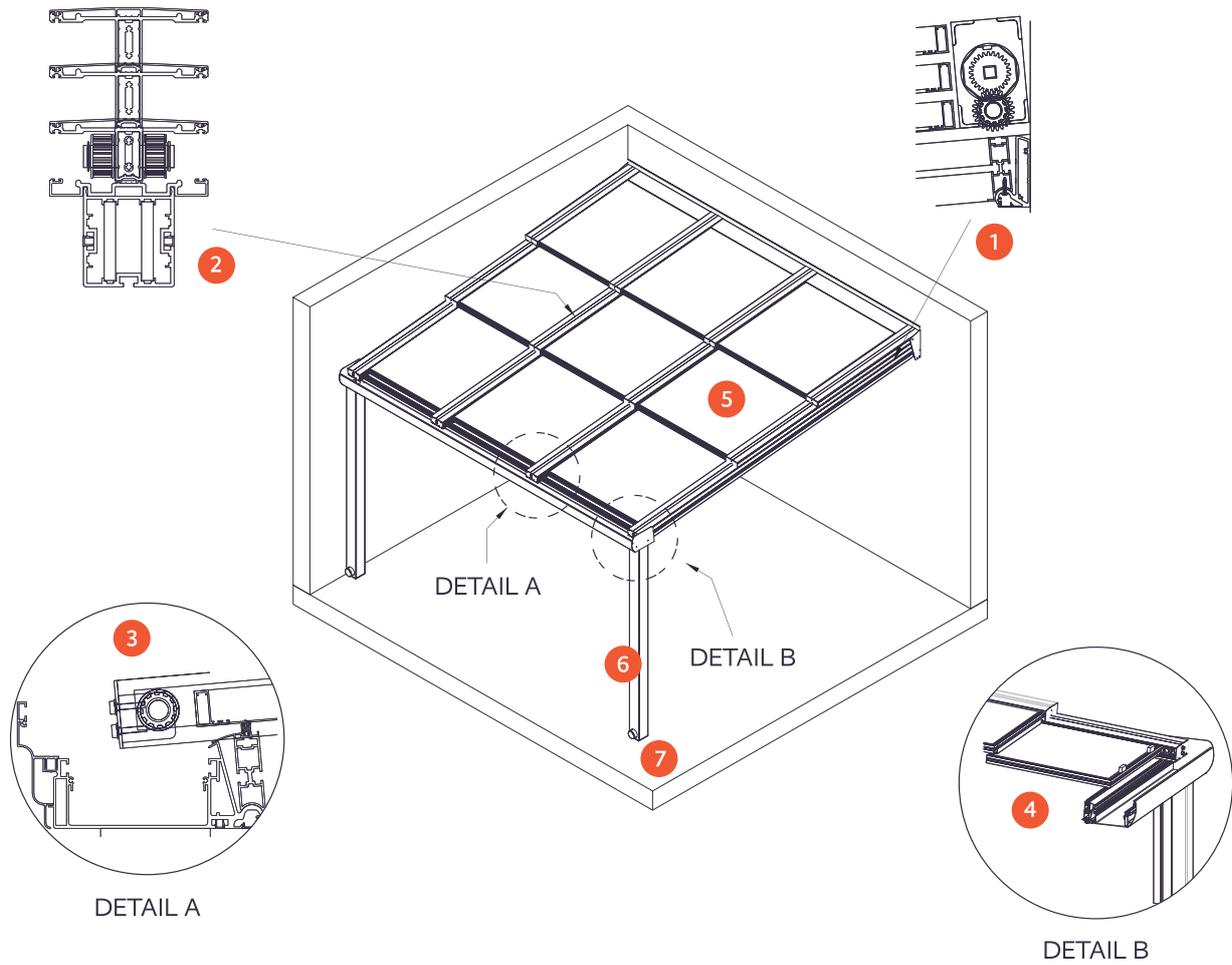




- **Sloped Glass Roof**



# Technical and Design Details



## Anchored

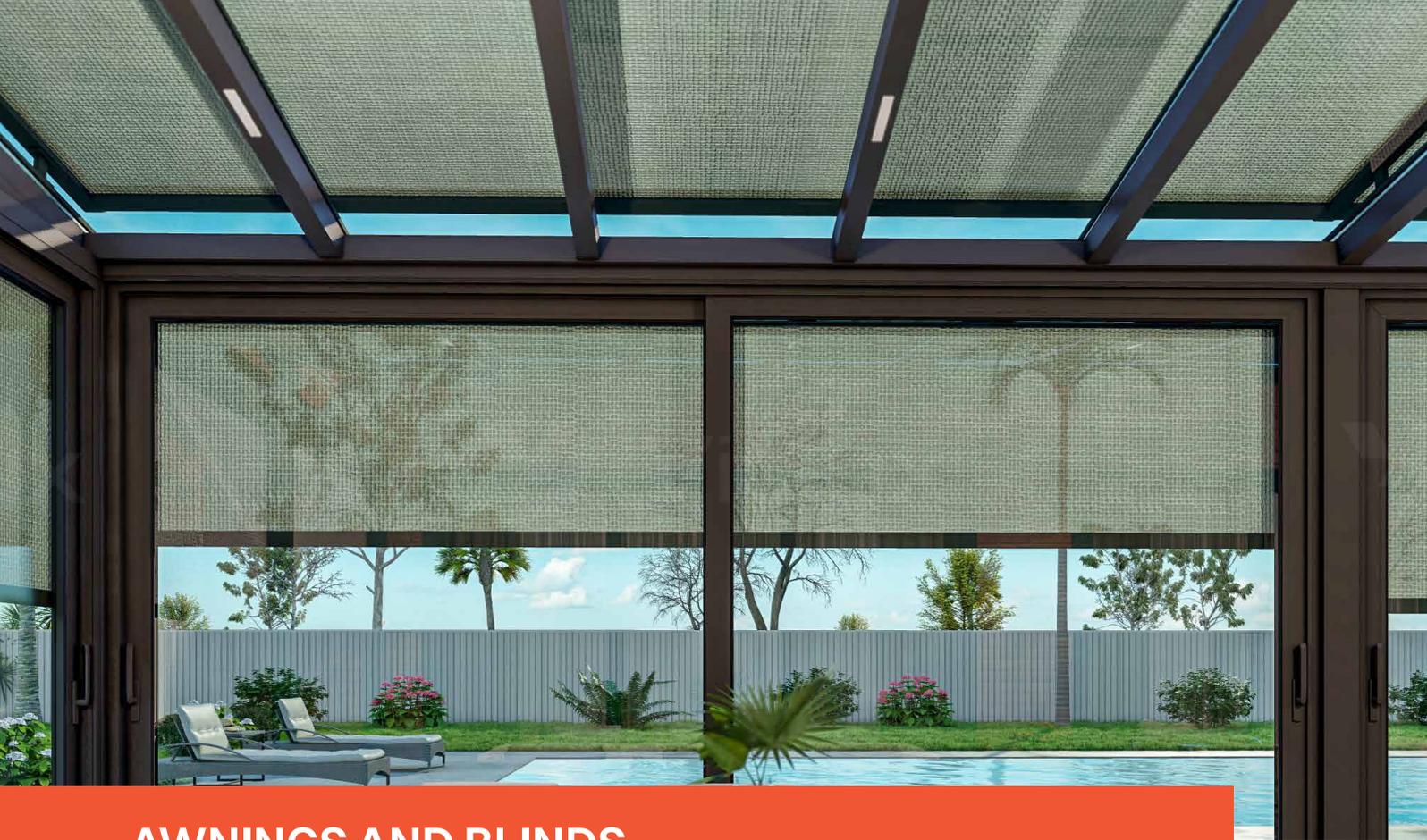


## Freestanding



### Technical Legend

- 1 Motor housing profile
- 2 Runner beam with chain mechanism
- 3 Runner beam and gutter connection
- 4 Built-in gutter
- 5 Laminated tempered double glazed glass or polycarbonate
- 6 Column, also part of gutter system
- 7 Water discharge opening



## AWNINGS AND BLINDS

Explore the seamless integration of functionality and style with our range of Awnings and Blinds. Tailored for those who value both the aesthetic and practical aspects of their living spaces, these solutions offer effective sun protection, enhancing comfort and adding a touch of elegance to your home. With a variety of customizable options available, transform your areas into stylish, shaded retreats you can enjoy.



All Seasons



Resist Bad  
Weather



Fire  
Retardant



Semi  
Translucent



Watertight



Dimmable  
LED Lights



Remote  
Controlled



Custom  
Finishes

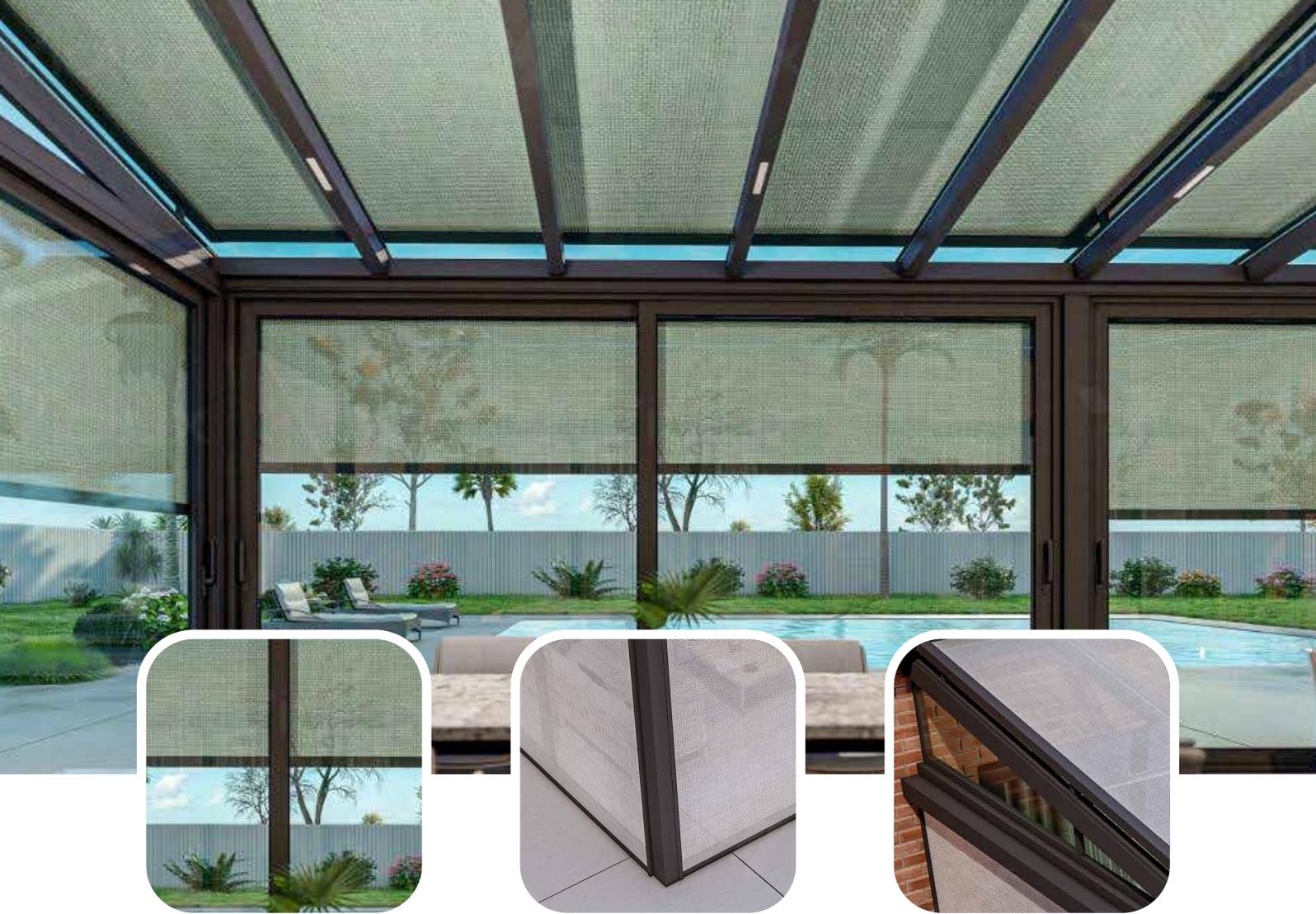


Air  
Circulation



- **Sunscreens**





- **Roof Sunshades**



## FABRIC / COMPOSITE

Thanks to Précontraint technology by Serge Ferrari, both Horizon 86 and Perform 92 have outstanding dimensional stability. They are environmentally friendly and recyclable.

**Soltis Horizon 86** is a 14% open mesh composite that offers the best outward visibility with a level of up to 28% natural light transmission.

	Technical properties	Standards
Weight	11.2 oz/yd <sup>2</sup>	EN ISO 2286-2
Thickness	0.45 mm / 450 microns	
Width	69.7 in - 105.1 in	EN ISO 2286-2
Standard format length	69.7" width: 54.68 yds 105.1" width: 43.74 yds	
Tensile strength (warp/weft)	230/160 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	45/20 daN	DIN 53.363
Flame retardancy	CSFM T19 • Method 1/NFPA 701 • Class A/ASTM E84	
Warranty	5 years	



White 86-2044



Champagne 86-2175



Black 86-2053



Cocoa 86-2148



Anthracite 86-2047



Boulder 86-2171



Bronze 86-2043



Beaten metal 86-2045

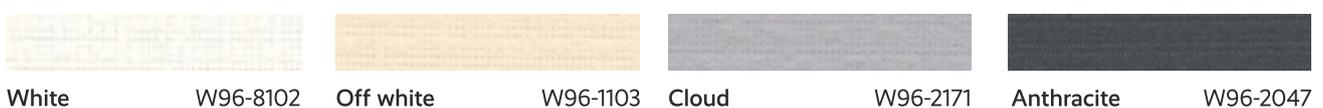
**Soltis Perform 92** is a 4% open mesh and an advanced thermal shield. It blocks up to 97% of heat in external window applications. This micro-perforated screen offers the best thermal performance while maintaining outward visibility.

Weight	12.4 oz/yd <sup>2</sup>
Thickness	0.45 mm / 450 microns
Width	69.7 in - 105.1 in
Standard format length	69.7" width: 54.68 yds 105.1" width: 43.74 yds
Tensile strength (warp/weft)	310/210 daN/ 5 cm
Tear strength (warp/weft)	45/20 daN
Flame retardancy	Method 1/ NFPA 701 • CSFM T19 • Class A/ ASTM E84



**Soltis Proof W96** protects against UV and bad weather, while preserving the level of natural light transmitted. This translucent, waterproof fabric is ideal for pergolas and shade canopies.

Weight	620 g/m <sup>2</sup> — 18.3 oz/sqyd
Thickness	0.56 mm / 560 microns
Width	267 cm — 105.1 in.
Standard format length	35 lm — 38.27 yds
Tensile strength (warp/weft)	220/220 daN/5 cm
Tear strength (warp/weft)	25/20 daN
Flame retardancy	M2





## GLASS SYSTEMS

Unveil the elegance and functionality of our Glass Systems, designed to enhance the beauty of your home or commercial space. Ideal for those seeking to merge indoor comfort with outdoor views, our Glass Systems offer a seamless transition between environments. With customizable options for every architectural need, they provide not just protection but also a significant upgrade in style, making every view a masterpiece.



All Seasons



Resist Bad  
Weather



Fire  
Resistant



Custom  
Finishes



Watertight



Remote  
Controlled



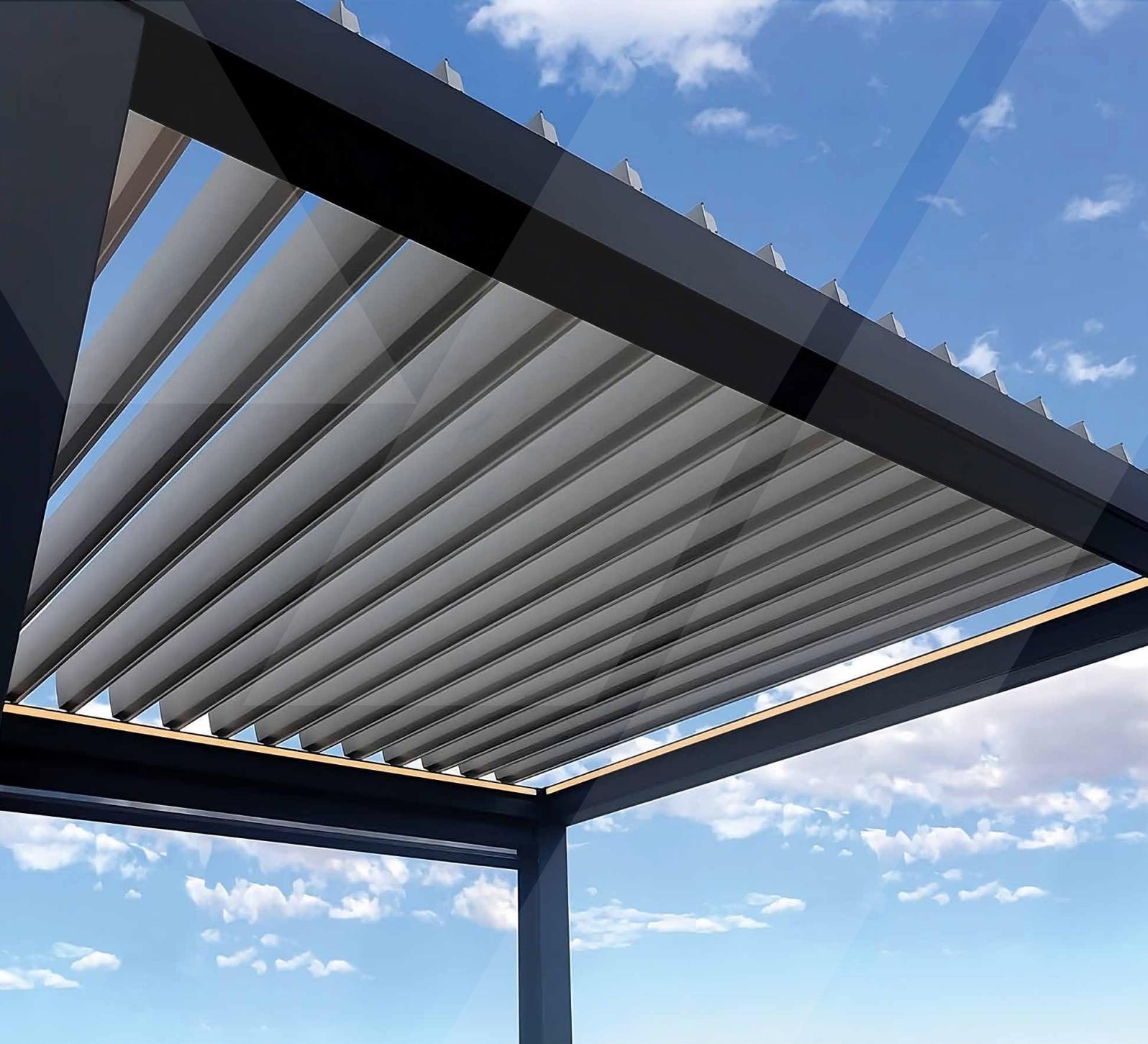
- Guillotine Windows
- Sliding Doors





● **Bifold Doors**





[www.violux.co.uk](http://www.violux.co.uk)



**0800 043 0045**

**[info@violux.co.uk](mailto:info@violux.co.uk)**