



OUTDOOR LIVING REDEFINED



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THE BEAUTY OF THE OUTDOORS IN EVERY DETAIL...

Violux brings together a curated range of premium outdoor living systems — from bioclimatic pergolas to fully glazed sunrooms — selected for architectural precision and long-term performance. Every product in our portfolio is engineered to meet the demands of residential and commercial projects, delivering both aesthetic excellence and functional reliability across diverse climates.



INTELLIGENT SYSTEMS FOR EVERY OUTDOOR SPACE

Our smart pergolas, bioclimatic pergolas, and sunrooms are designed to adapt to your environment automatically. Combining advanced sensor technology with intuitive controls, every Violux system can be managed effortlessly — from a single remote or your smartphone.



Rain Sensor

Violux systems are equipped with rain sensors that automatically close motorised structures at the first sign of rainfall — keeping your outdoor space dry and protected without any manual intervention.



Wind Sensor

Built-in wind sensors continuously monitor conditions and trigger automatic retraction of awnings and pergola systems when wind speeds exceed safe thresholds. Your structure stays protected, whatever the weather.



Smart Control

Manage lighting, motorised systems, and climate settings from a single smart control unit or mobile app. Intuitive, reliable, and compatible with leading home and building automation systems.



PERGOLAS

Violux retractable pergolas combine architectural flexibility with all-season performance. Designed for both residential terraces and commercial outdoor spaces, each system offers a fully customisable structure — adaptable to any façade, dimension, or design requirement. Available in a range of profiles, finishes, and configurations, including linear and arched models, Violux pergolas deliver lasting durability without compromising on aesthetics.



All Seasons



Weather
Resistant



Fire
Retardant



Complete
Blackout



Watertight



Dimmable
LED Lights



Remote
Controlled



Custom
Finishes



RETRACTABLE PERGOLA

A fully retractable PVC roof system designed for year-round outdoor comfort — available in single, double, and triple configurations.



TECHNICAL AND DESIGN DETAILS



Model 1

	Max. width	Max. projection
Single Form	4500 mm	9000 mm
Double Form	8500 mm	9000 mm
Triple Form	12000 mm	9000 mm



Model 2



Model 3



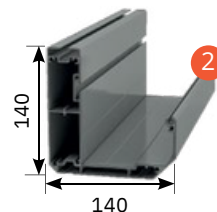
Model 4



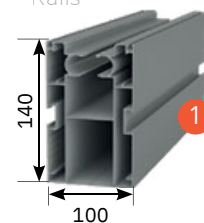
Model 5

size in mm

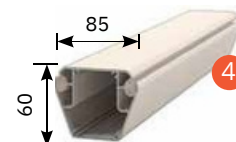
Extruded Frontal
Gutter (Water-drain)



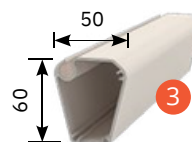
Rails



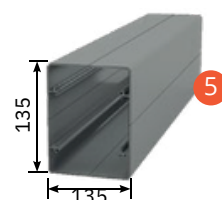
Fabric Profile



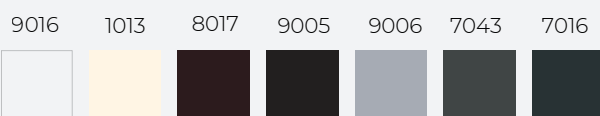
Fabric Profile



Pole



Standard Colour Options



Other Colours +10%



Featuring a retractable PVC roof system, Violux pergolas offer adjustable shading, full weatherproof protection, and natural ventilation control — suitable for both residential and commercial installations.

Technical Legend

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



BIOCLIMATIC PERGOLAS

Violux bioclimatic pergolas feature adjustable louvre blades that rotate to control sunlight, airflow, and rain protection — delivering a fully adaptable outdoor environment across all seasons.

Available with a wide range of integrated options including motorised blinds, LED lighting, and custom finishes, each system is configurable to suit both residential and commercial project requirements.



All Seasons



Weather
Resistant



Fire
Retardant



Custom
Finishes



Watertight



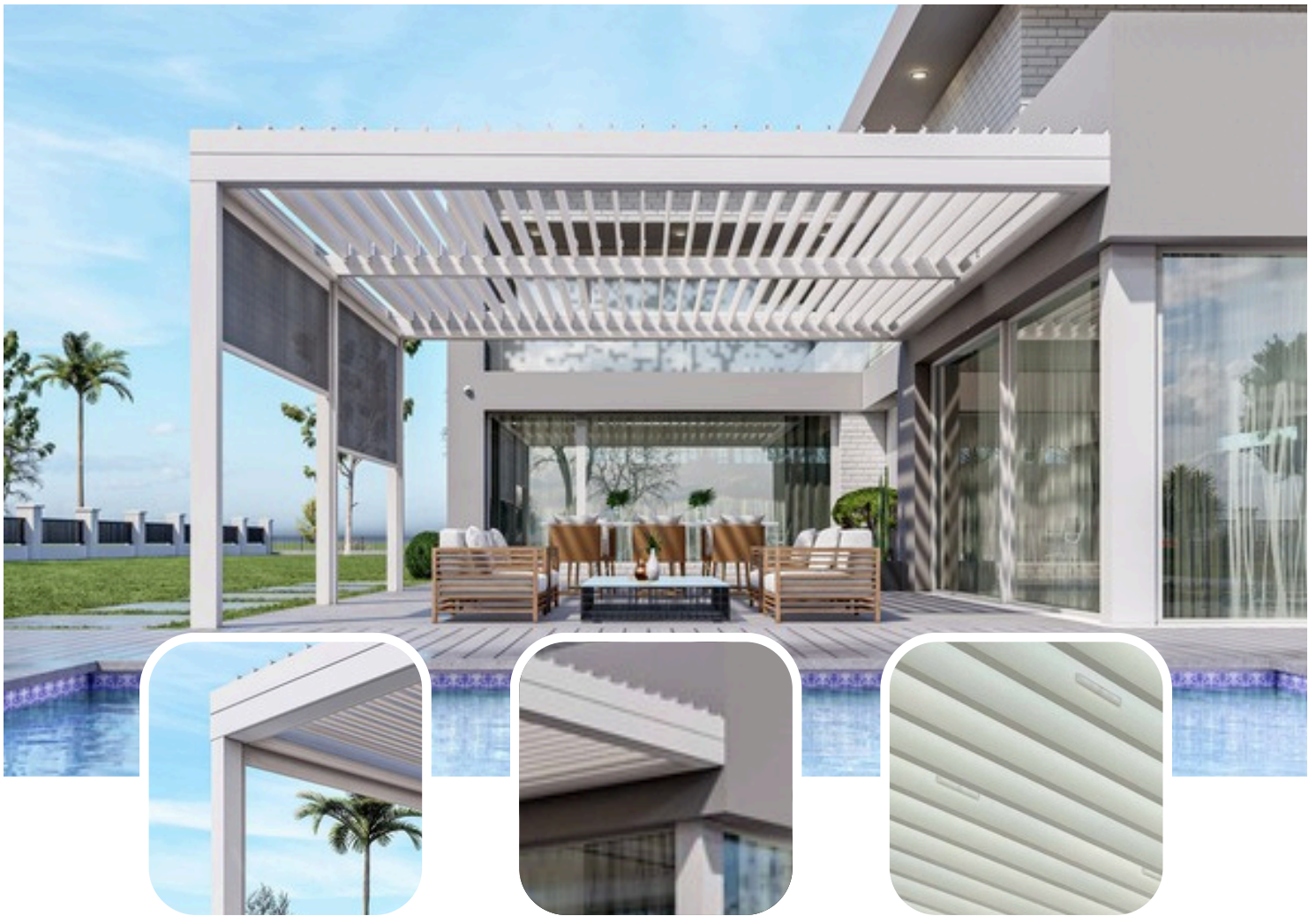
Dimmable
LED Lights



Remote
Controlled



Built
to Last



BIOCLIMATIC ROTATABLE PERGOLA

Adjustable louvre blades rotate up to 110° to control sunlight and airflow — fully motorised and weather-sensor compatible.



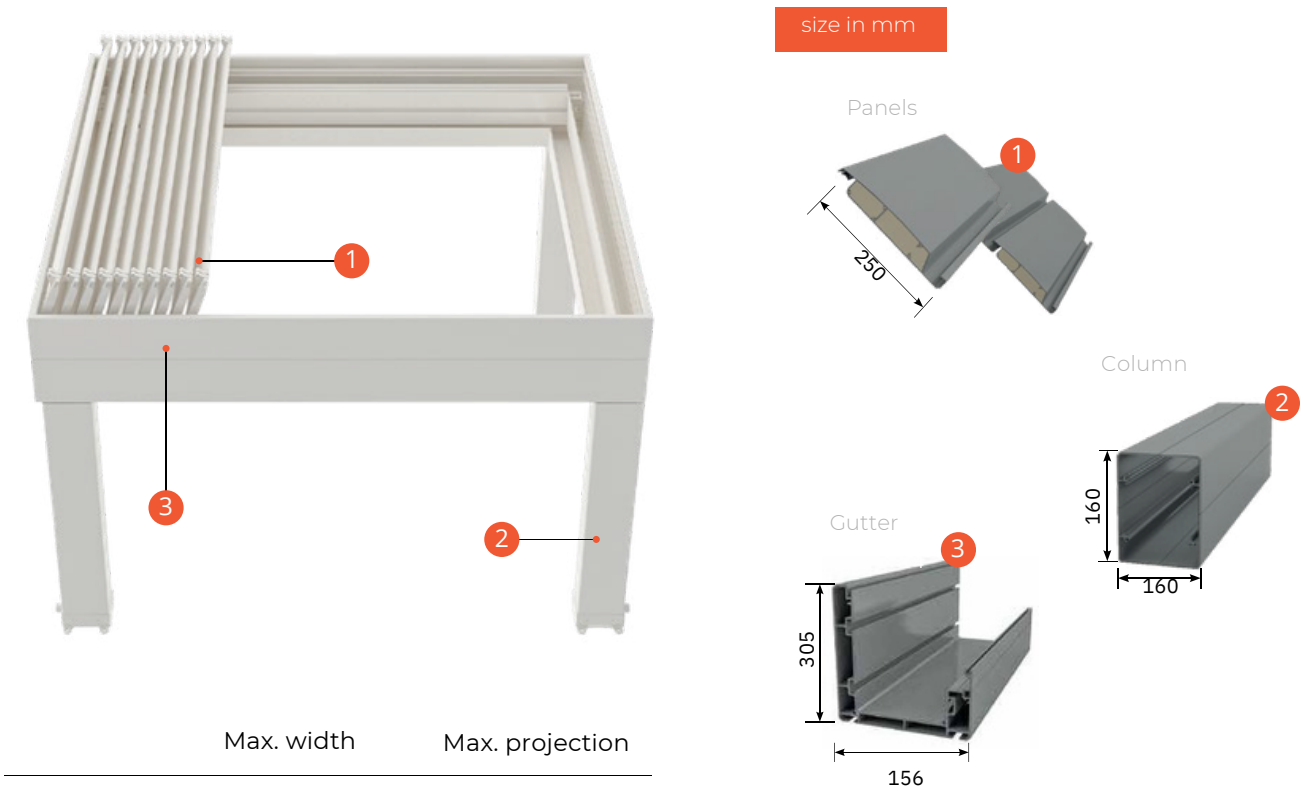


BIOCLIMATIC RETRACTABLE PERGOLA

A fully retractable aluminium louvre system that opens completely for unobstructed sky views — ideal for large-span residential and hospitality installations.



TECHNICAL AND DESIGN DETAILS



	Max. width	Max. projection
Single Module 1	4000 mm	8000 mm
Single Module 2	6000 mm	6000 mm

Single forms can be combined into multi-module configurations for larger coverage.

Standard Colour Options

9016

1013

8017

9005

9006

7043

7016

Other Colours +10%

The robust truss structure, combined with double-channel gasket sealing on each panel, ensures maximum weatherproofing. Water is fully channelled away from the structure, maintaining a dry and comfortable environment in all weather conditions.

Technical Legend

- 1 Aluminium Panel
- 2 Column
- 3 Gutter



SUNROOMS

Violux Glass Rooms combine insulated glass panels with robust aluminium frames to create fully enclosed outdoor spaces suitable for year-round use. Designed for both residential and commercial applications, each system delivers excellent thermal efficiency — remaining comfortable in all seasons while reducing energy costs. Available in flat, sloped, and retractable roof configurations, Violux Glass Rooms are custom-built to suit any architectural style or project requirement.



All Seasons



Weather
Resistant



Fire
Retardant



Custom
Finishes



Watertight



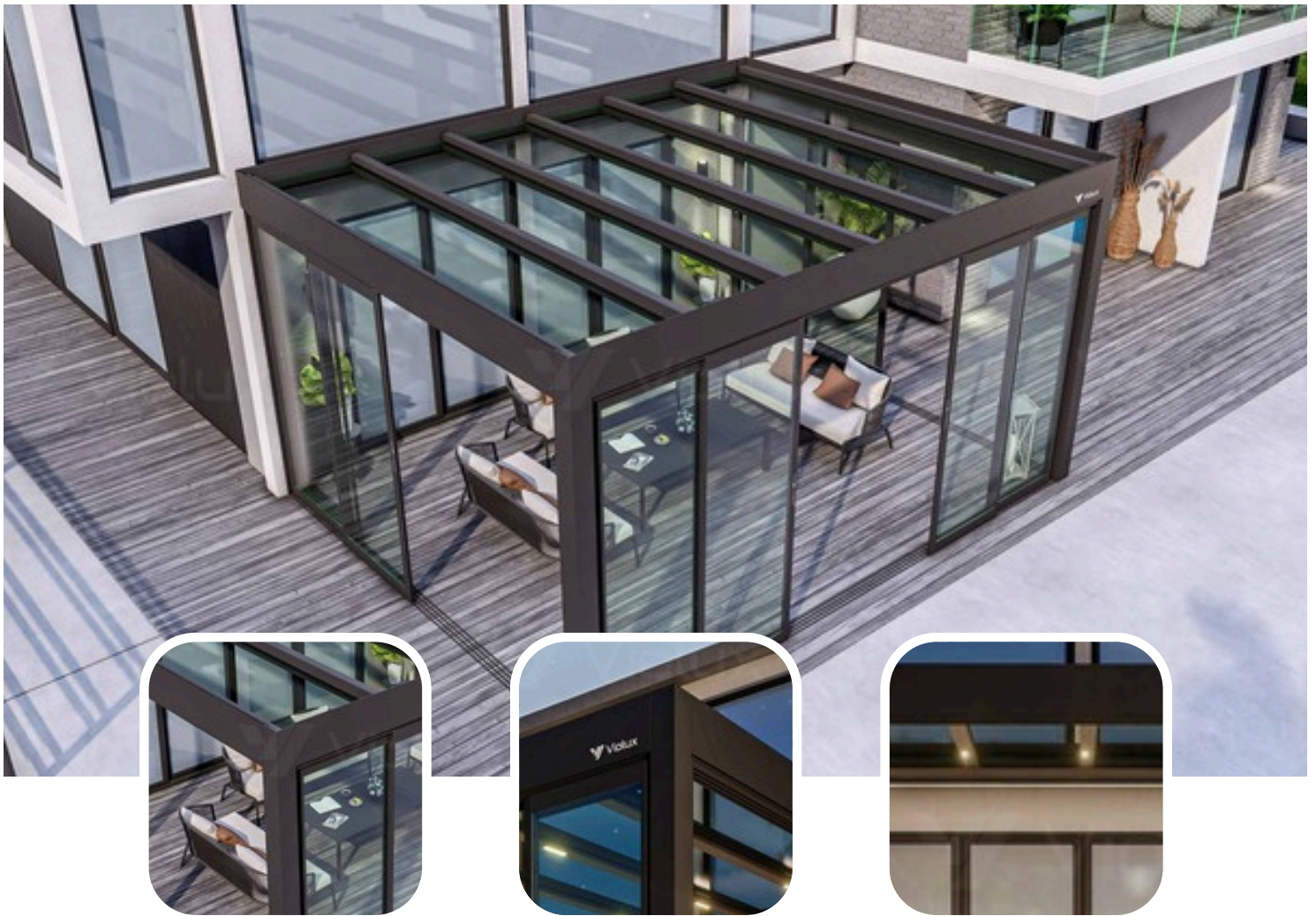
Dimmable
LED Lights



Remote
Controlled



Built
to Last



FLAT GLASS ROOF

A minimalist enclosed glass structure engineered for year-round use — custom-built with premium aluminium profiles and high-performance glazing.





RETRACTABLE GLASS ROOF

A fully motorised glass roof system that opens completely at the push of a button — delivering open-air flexibility with full weatherproof protection.



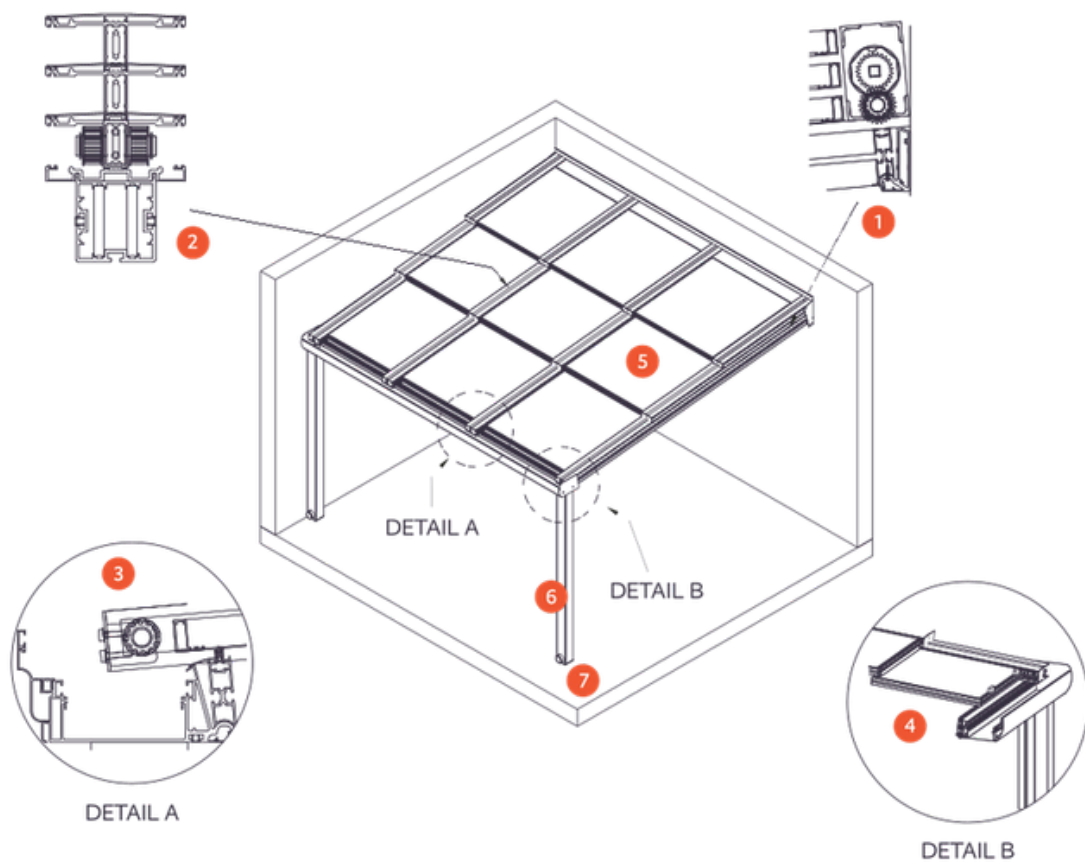


SLOPED GLASS ROOF

A classically profiled glass enclosure with angled roof design for efficient drainage and maximum natural light — seamlessly integrated into any façade.



TECHNICAL AND DESIGN DETAILS

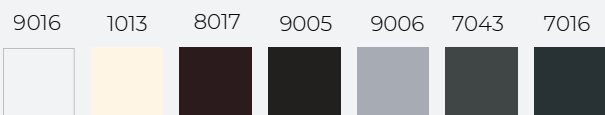


Anchored

Freestanding



Standard Colour Options



Other Colours +10%



Technical Legend

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



AWNINGS AND BLINDS

Violux Awnings and Blinds deliver effective sun protection and climate control for both residential and commercial outdoor spaces. Engineered for durability and ease of use, each system is available in a wide range of configurations, fabrics, and finishes — adaptable to any architectural style or project requirement.



All Seasons



Weather
Resistant



Fire
Retardant



Semi
Translucent



Watertight



Dimmable
LED Lights



Remote
Controlled



Custom
Finishes



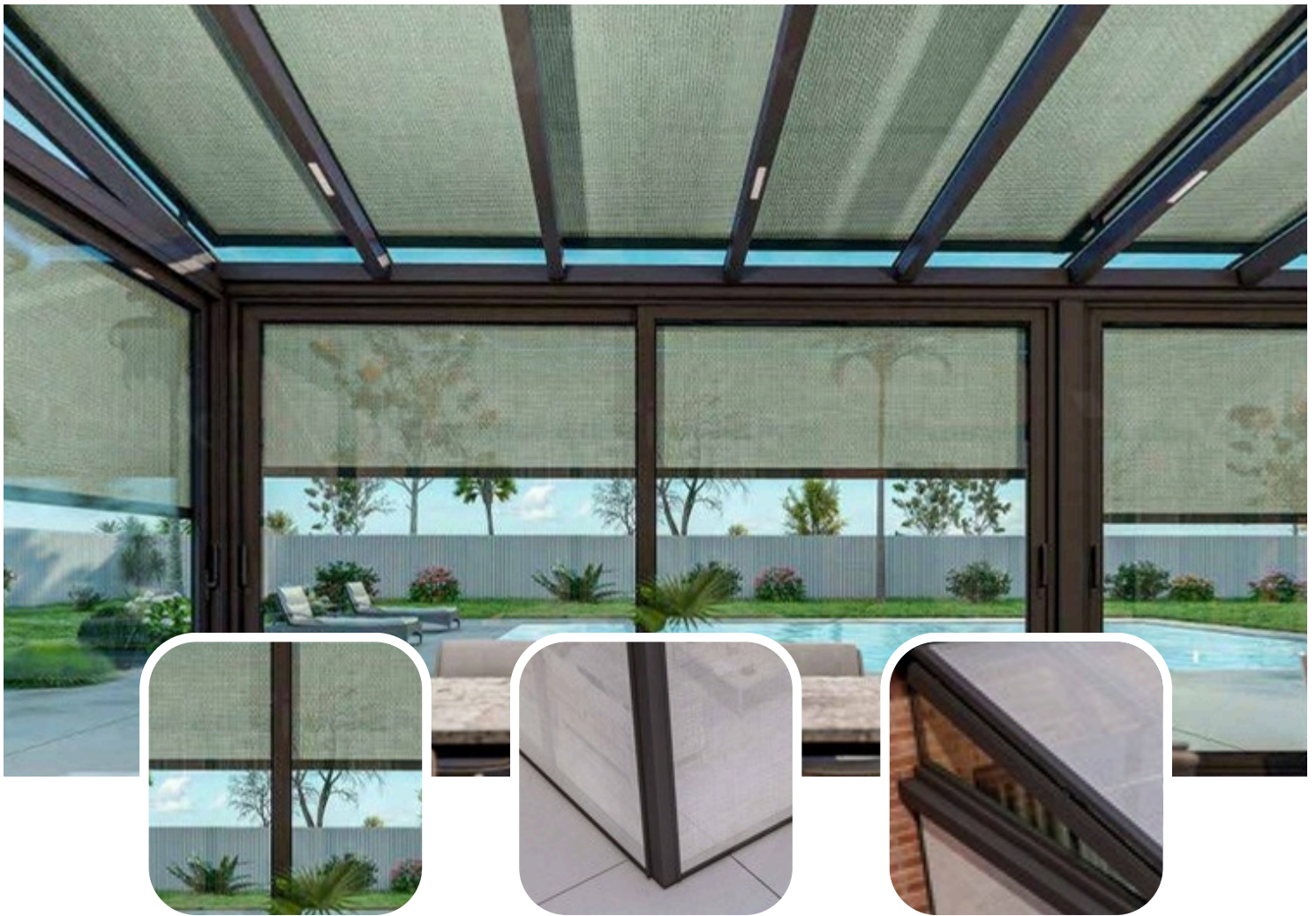
Air
Circulation



VERTICAL BLINDS

Motorised vertical zip blind with UV protection and weather resistance — available in multiple Serge Ferrari Soltis fabric options.





ROOF BLIND

Retractable roof blind for pergolas and canopies — fire retardant, weather resistant, and remote controlled with Serge Ferrari Soltis fabric.



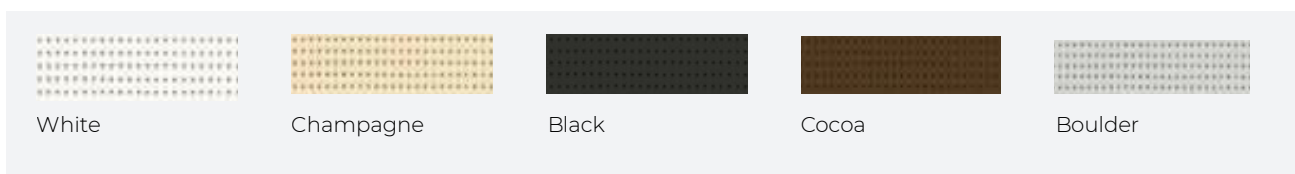
Vertical and roof blind fabrics are sourced from two specialist weavers, selected for openness, weight class and colour range appropriate to each configuration.

FABRIC / COMPOSITE



Serge Ferrari is a French manufacturer of précontraint composite fabrics — a tensioning process that holds its dimensional stability over years of outdoor exposure — spanning open mesh weaves for outward visibility to dense thermal-shield constructions for heat control.

Composition	PVC-coated polyester
Openness factor	14% (Horizon 86) / 4% (Perform 92) / 0% (Proof W96 — waterproof)
Weight	380–420 g/m ²
Warranty	5 years



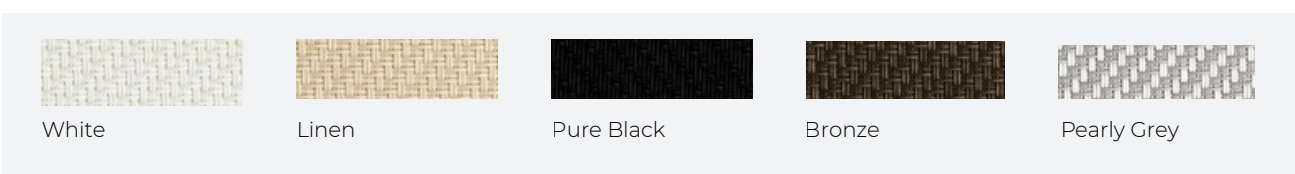
Extended colour range available on request.

FABRIC / COMPOSITE



Copaco is a Belgian weaver, part of the Mermet group, producing glassfibre and PVC composite screens — a construction valued for dimensional stability and a colour range broad enough to suit both zip and roof blind formats.

Composition	Glassfibre 42% / PVC 58%
Openness factor	5%
Weight	525 g/m ²
Flame retardancy	BS 5867 Class C / EU C-s3,d0



Extended colour range available on request.



GLASS SYSTEMS

Violux Glass Systems deliver seamless transitions between indoor and outdoor spaces through high-performance aluminium and glass solutions. Suitable for residential and commercial projects, each system is custom-built to specification — combining structural precision with clean, contemporary aesthetics.



All Seasons



Weather
Resistant



Fire
Resistant



Custom
Finishes



Watertight



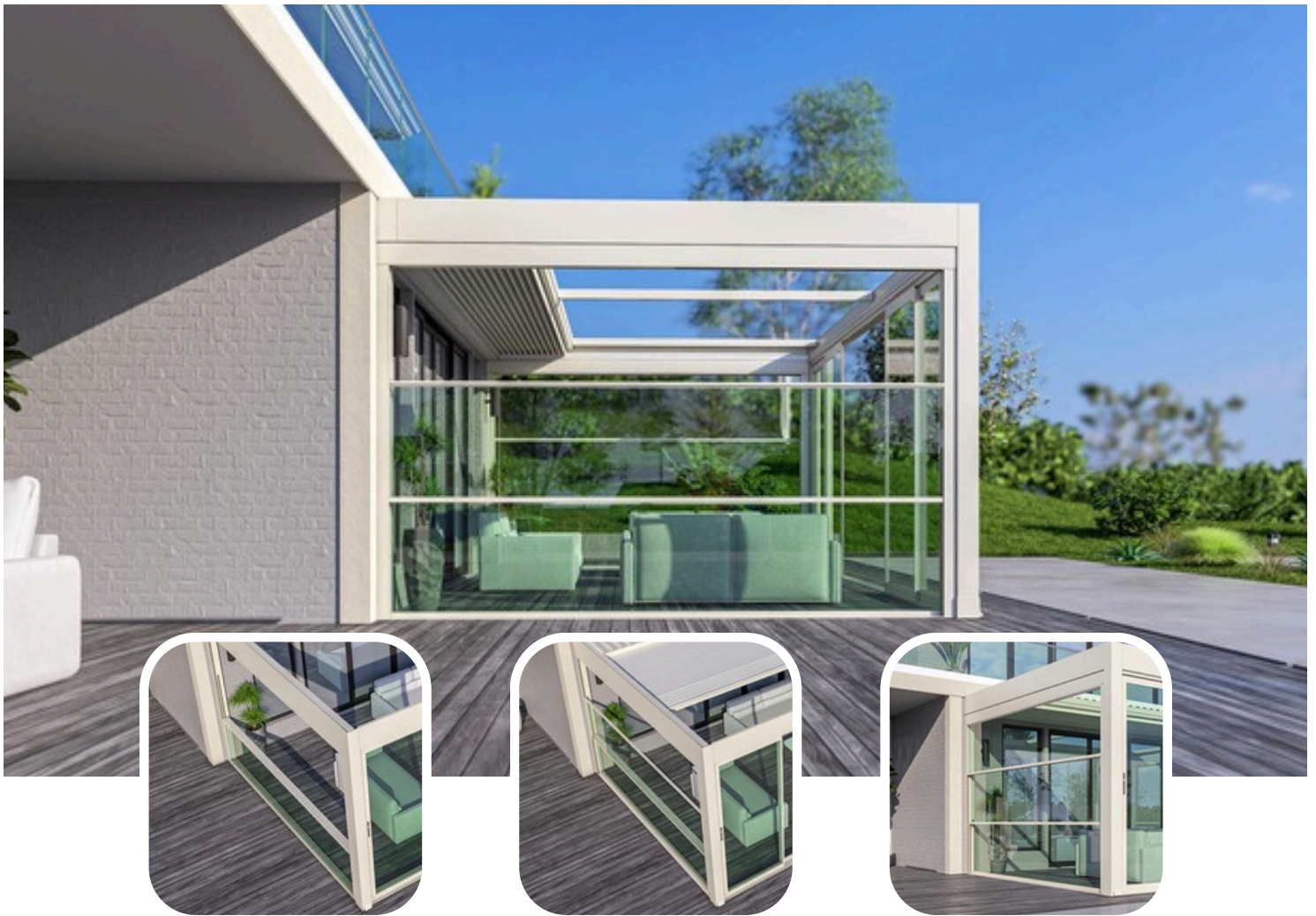
Remote
Controlled



SLIDING DOORS

Aluminium sliding door systems available in two configurations: standard Sliding Doors for space-efficient transitions, and Lift & Slide Doors for larger openings with superior thermal insulation and secure locking — both custom-built to specification.





GUILLOTINE WINDOWS

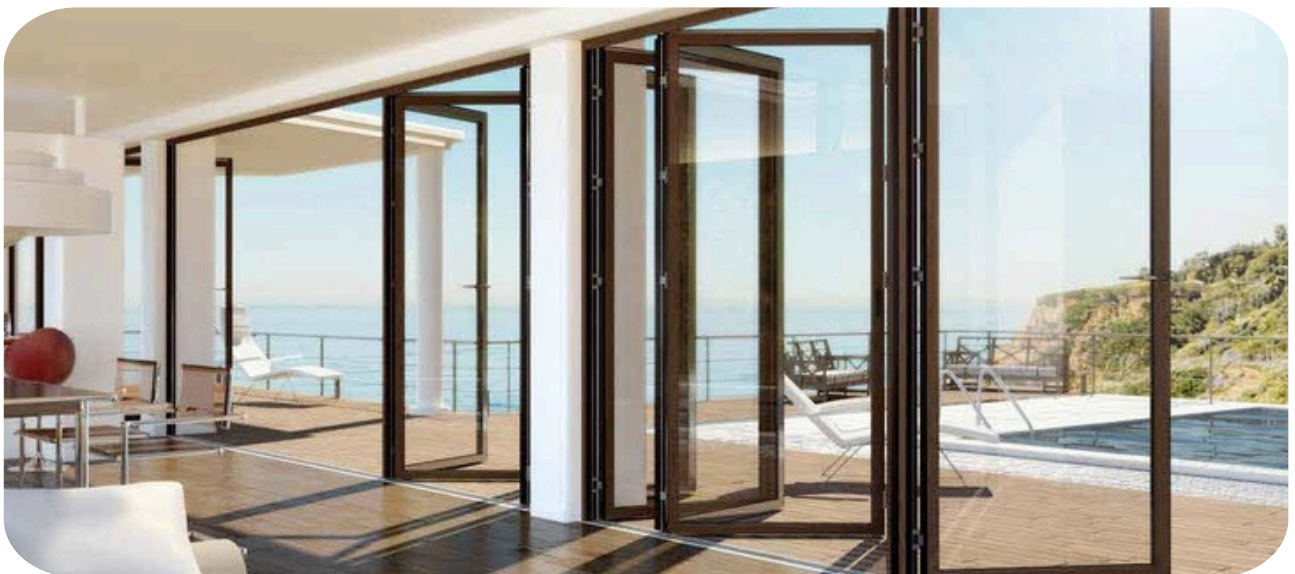
Motorised guillotine windows that slide vertically to provide unobstructed views and full environmental control — weather resistant, remote controlled, and custom-built for residential and commercial installations.





BIFOLD DOORS

Aluminium bifold doors that fold and stack to create a fully open façade — thermally insulated, watertight, and fitted with a secure locking system for residential and commercial installations.





www.violux.co.uk

 **Violux**

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