

# GENNIUS ITALIAN DESIGN

KE

ENJOY THE OUTDOORS

# KE THE RIGHT CHOICE

FOUR IMPORTANT REASONS TO CHOOSE KE

## **BAT GROUP:**

Thanks to KE's experience and strong organization, we are a leading company in the field of Pergola Retractable Awnings. KE is part of the BAT GROUP, a multinational company which guarantees positive synergies between materials, innovation and choices. KE is always investing in research in order to reach new solutions to improve functionality and elegance.

## **DESIGN:**

The aim of KE designs is to achieve the optimal integration between the architecture and protection needs. Our design department is constantly involved in innovative research to add value and preserve the quality of the outdoor environment.

## **KE PATENTS:**

KE offers innovative, operational and patented techniques. All of the KE shading systems come from creative ideas which offer unique advantages in application and durability.

## **LONG-TERM INVESTMENT:**

KE uses only the finest materials available from around the world to produce truly superior additions to your customers' home. Our advanced manufacturing and skilled craftsmanship technologies ensure KE customers will receive the highest quality products possible.





# DISCOVER YOUR WORLD...

KE's Gennius is a unique concept in retractable awning systems. The Gennius can protect you from the wind and rain, block harmful UV rays and keep you cool and comfortable in the brightest sunshine. The Gennius combines the beauty of a pergola, the flexibility of a retractable awning, and the warmth and comfort of a room addition.

The Gennius can cover a small deck, a large patio, or an expansive pavilion. The optional hood for the Gennius keeps debris from collecting in the fabric when it is retracted, which is available on all models. The blackout fabric blocks 100% of damaging and uncomfortable UV light and heat, keeps the rainwater off your head, and prevents the shadow lines that appear below from environmental pollution that can settle on the top side. Create a "retractable room" with optional "zip" drop curtains in the front and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear or be motorized. Put sun-screen mesh in the drop curtains, or use vinyl fabric with crystal-clear windows. Also available with sliding glass screens.

# EXPAND YOUR OUTDOOR LIVING SEASON...

- Wedding and banquet halls can guarantee dry functions
- Restaurants can create or expand outdoor seating
- Improve the ambiance with optional integrated LED lighting
- Generate revenue even in inclement weather
- Fully protect your space with optional perimeter solar shades (not all models)
- Improve dining and entertainment space for Country Clubs and more...
- Glass screens protect your customers/guests with optional sliding glass screens





**GENNIUS PROVIDE RESISTANCE TO THE ELEMENTS, DURABILITY AND FUNCTIONALITY USING UP TO DATE TECHNOLOGY. THE BEST DEFENSE OF ANY INVESTMENT IS QUALITY, DESIGN, FUNCTIONALITY, DURABILITY, AND PERFORMANCE**



**A100**

# GENNIUS A2C







A2C

- The Gennius A2C has the elegant look of a pergola. The tensioned fabric is sealed against the patented side guiderails with a double gasket setup for water management to the integrated front gutter and downspouts. Structural rafter and post columns are engineered with heavy duty and durable extruded aluminum profiles to complete the configuration. The header and column framework feature the aesthetic appeal of a traditional pergola for commercial and residential applications. Guide rails are attached to brackets on the wall, soffit, or roof.
- The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guiderail and are activated by a motorized drive axle to the belt/pulley setup in the guiderail.
- Width dimensions in a single unit up to 42' 8".
- Widths wider than 14' 9" require additional guiderails and posts for additional bay modules with continuous fabric. Units up to 23' wide get single piece fabric cross profiles unless specified.
- Projection dimensions up to 26' 3".
- Fabric Options - a 3 ply waterproof vinyl coated construction
  - Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the shadow lines that appear below from environmental pollution that settles on the top side.
  - Ferrari 502 Proof is a waterproof semi-translucent fabric that comes in many colors to choose from.
  - Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.
- Slope is essential to manage and remove heavy rainwater. Gennius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Gennius units that are installed without the minimum recommended slope cannot be warrantied as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.
- Motorized operation with remote control.
- Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Gennius is retracted.
- Create a "retractable room" with optional integrated "zip" drop curtains, in the front, and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear, or be motorized. Fabric options include sun-screen mesh material in the drop curtains or the use of bordered vinyl fabric with crystal-clear vinyl windows.
- A top mounted application can also be realized with post elimination or attachment to an existing substructure.

**Single and Double Freestanding Units Available - Please See Price Catalog for Specifications**













# GENNIUS A100





A100

- The Gennius A100 has the elegant look of a pergola, similar to the A2C model, but slimmer in appearance with lighter weight profiles. The fabric is sealed against the patented side guiderails with a double gasket setup for water management to the integrated front gutter and downspouts. Structural rafter and post columns are engineered with strong and durable extruded aluminum profiles to complete the configuration. The header and column framework feature the aesthetic appeal of a traditional pergola for lighter weight commercial and residential applications. Guide rails are attached to brackets on the wall, soffit, or roof.
- The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guiderail and are activated by a motorized drive axle to the belt/pulley setup in the guiderail.
- Widths wider than 14' 9" require additional guiderails and posts for additional bay modules with continuous fabric. Units up to 23' wide get single piece fabric cross profile unless specified.
- Width dimensions in a single unit up to 42' 8".
- Projection dimensions up to 18'.
- Fabric Options - a 3 ply waterproof vinyl construction
  - Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the shadow lines that appear below from environmental pollution that settles on the top side.
  - Ferrari 502 Proof is a waterproof semi-translucent fabric that comes in many colors to choose from.
  - Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.
- Slope is essential to manage and remove heavy rainwater. Gennius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Gennius units that are installed without the minimum recommended slope cannot be warranted as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.
- Motorized operation with remote control.
- Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Gennius is retracted.
- Create a "retractable room" with optional integrated "zip" drop curtains, in the front, and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear, or be motorized. Fabric options include sun-screen mesh material in the drop curtains or the use of bordered vinyl fabric with crystal-clear vinyl windows.





A100



A100



A100







# GENNIUS L1S









- The Gennius L1S has the elegant look of a wooden pergola. The Gennius fabric guiderail system is supported by engineered laminated layer wood rafters, header, and columns. The fabric is sealed against the patented side guiderails with a double gasket setup for water management to the integrated front gutter and downspouts. Structural rafter and post columns are engineered with heavy duty and durable extruded aluminum profiles to complete the configuration. The header and column framework feature the aesthetic appeal of a traditional pergola for commercial and residential applications. Guide rails are attached to brackets on the wall, soffit, or roof.
- The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guiderail and are activated by a motorized drive axle to the belt/pulley setup in the guiderail.
- Widths wider than 14' 9" require additional guiderails and posts for additional bay modules with continuous fabric. Units up to 23' wide get single piece fabric cross profile unless specified.
- Width dimensions in a single unit up to 42' 8".
- Projection dimensions up to 19' 8".
- Fabric Options - a 3 ply waterproof vinyl construction
  - Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the shadow lines that appear below from environmental pollution that settles on the top side
  - Ferrari 502 Proof is a waterproof semi-translucent fabric that comes in many colors to choose from
  - Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.
- Slope is essential to manage and remove heavy rainwater. Gennius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Gennius units that are installed without the minimum recommended slope cannot be warrantied as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.
- Motorized operation with remote control.
- Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Gennius is retracted.
- Create a "retractable room" with optional integrated "zip" drop curtains, in the front, and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear, or be motorized. Fabric options include sun-screen mesh material in the drop curtains or the use of bordered vinyl fabric with crystal-clear vinyl windows.







L1S





L1S



# GENNIUS T1









- The Gennius T1 retro-fits with an under mount side bracket attachment to an existing pergola or substructure or as a front to back connection application in courtyards or other open space areas without posts. The fabric is sealed against the patented side guiderails from our A100 unit with a double gasket setup for water management. An optional movable gutter is available or in many cases, rain can runoff the front of the system or be diverted. Structural rafters are engineered with heavy duty and durable extruded aluminum profiles to complete the configuration. This application for rain and wind protection is excellent for commercial and residential modifications.
- The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guiderail and are activated by a motorized drive axle to the belt/pulley setup in the guiderail.
- Widths wider than 14' 9" require additional guiderails for additional bay modules with continuous fabric. Units up to 23' wide get single piece fabric cross profile unless specified.
- Width dimensions in a single unit up to 42' 8".
- Projection dimensions up to 29' 6" when supported by the existing structure. A special heavy duty A1 rail is utilized for front to back connections up to a 21' maximum projection. These measurements are determined by actual guiderail length with required slope versus a straight line measurement from the mounting point origin.
- Fabric Options - a 3 ply waterproof vinyl construction
  - Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the shadow lines that appear below from environmental pollution that settles on the top side.
  - Ferrari 502 Proof is a waterproof semi-translucent fabric that comes in many colors to choose from.
  - Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.
- Slope is essential to manage and remove heavy rainwater. Gennius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Gennius units that are installed without the minimum recommended slope cannot be warrantied as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.
- Motorized operation with remote control.
- Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Gennius is retracted.





GENNIUS  
T4







- The Gennius T4 is a cantilever option of T1 without posts. The fabric is sealed against the patented side guiderails from our A100 unit with a double gasket setup for water management. An optional movable gutter is available or in many cases, rain can runoff the front of the system or be diverted. Structural rafters are engineered with heavy duty and durable extruded aluminum profiles to complete the configuration. This application for rain and wind protection is excellent for commercial and residential modifications. The guiderails are mounted with bracket attachment to a wall, soffit, or roof.
- The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guiderail and are activated by a motorized drive axle to the belt/pulley setup in the guiderail.
- Widths wider than 14' 9" require additional guiderails for additional bay modules with continuous fabric. Units up to 23' wide get single piece fabric cross profile unless specified.
- Width dimensions in a single unit up to 42' 8".
- Projection dimensions up to 13'. These measurements are determined by actual guiderail length with required slope versus a straight line measurement from the mounting point origin.
- Fabric Options - a 3 ply waterproof vinyl construction
  - Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the shadow lines that appear below from environmental pollution that settles on the top side.
  - Ferrari 502 Proof is a waterproof semi-translucent fabric that comes in many colors to choose from.
  - Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.
- Slope is essential to manage and remove heavy rainwater. Gennius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Gennius units that are installed without the minimum recommended slope cannot be warranted as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.
- Motorized operation with remote control





# GENNIUS ISOLA 2







ISOLA 2



- The Isola 2 is a flat (non- sloped requirement) waterproof structure designed to install as a freestanding unit, attached parallel or perpendicular to wall, or as a roof module to an existing sub-structure. The structure differs from the classic product Gennius for the roof structure, having the guides perfectly positioned horizontally and laterally with a curved radius on the fabric to allow the flow of water in gutters around the perimeter. The columns are perfectly square, the eaves and roof system make the Isola 2 extremely compact and aesthetically beautiful.
- With its innovative design, shaped as a cube, the inclination of the cover makes it distinct and unique.
- With width of the single unit up to 18' and projection up to 29' 6" it can provide cover to any part of your outdoor living area. Units with projections over 23' will require additional post column supports.
- Fabric Options - a 3 ply waterproof vinyl construction
  - Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the shadow lines that appear below from environmental pollution that settles on the top side.
  - Ferrari 502 Proof is a waterproof semi-translucent fabric that comes in many colors to choose from.
  - Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.
- Motorized operation with remote control.
- Wind resistance guaranteed up to class 6 according to UNI EN PR 13561 standards. Isola 2 is not made to withstand the weight of snow.
- Accessorize your Isola 2 with: lights, optional zip solar shades, glass screens, and the Somfy® sun, wind, or rain sensor.



**ISOLA 2**







ISOLA 2



GENNIUS  
KEDRY





**KEDRY**



- The KEDRY is a flat (non- sloped requirement) waterproof structure with louver blades designed to install as a freestanding unit, attached parallel or perpendicular to wall, or as a roof module to an existing sub-structure. The structure differs from the classic product Gennius for the roof structure with the flow of water in gutters around the perimeter. The columns are perfectly square, the eaves and roof system make the KEDRY extremely compact and aesthetically beautiful.
- The powder coated aluminum framework has swiveling louver blades designed to ensure optimal resistance against the elements. The operation is driven by a sturdy and powerful linear motor and with the system designed to fit any kind of patio, terrace, or outdoor space.
- With a unique additional channel design in the louver blades with added rubber gaskets, the tight water seal ensures that no rain drops or trickling of water will fall on you or your guests upon opening or closing of the blades.
- Automation capabilities are available for the louver blades through wind, snow, and rain sensors. Maximum width dimensions on a single unit up to 13', projection up to 26'.
- Available as freestanding option and can be installed attached to wall with front legs or as top section only on existing pergola
- The KEDRY can be closed all around through either side with screens, zippers, or windows.



**KEDRY**



KEDRY





**KEDRY**





# GLASS SCREEN

WIND PROTECTION AND BREATHTAKING ELEGANCE COMBINED INTO ONE SOLUTION

Shelter from all the hassles of outdoor living. Cold winds and harsh weather are just some of the elements that distract us from relaxing in an open air-environment. The Glass Screen adjustable windscreen provides protection against these elements, making outdoor living more comfortable and enjoyable. This adjustable windscreen provides atmosphere and enjoyment for outdoor relaxation.







- **HEIGHT ADJUSTABLE**
- **LOCK OPTION**
- **ALUMINUM FRAME**
- **LAMINATED GLASS**
- **GROUND, CORNER, OR WALL ATTACHMENT**
- **CUSTOM COLOR OPTIONS**
- **EASY TO RAISE AND LOWER BECAUSE OF COUNTERWEIGHTS**





#### DIMENSIONS:

- Panel Height Std/Extended:

36"/60"

42"/72"

46"/82"

- Panel Width:

Customization of panel widths. Please call your Regional Manager for further information

- ACCESSORIES:

Fixed Overhead Glass — When you invest in an overhead glass, you are extending your season. Seals the gap between the roof or awning and your glazing as well as between the panes.

Winter Seal Strip — Extends the season into colder seasons.

Corner Post — Improves the look and makes the glazing more solid.

Door — Create a view with a door. Available with locks and door stops.

Hook— Allow your guests to hang their coats or bags

Flower boxes — Made to any size to fit your own outdoor serving area or glazed porch.

Patterned Glass — Designed glass partitions for a more personal look.



# LIGHTS



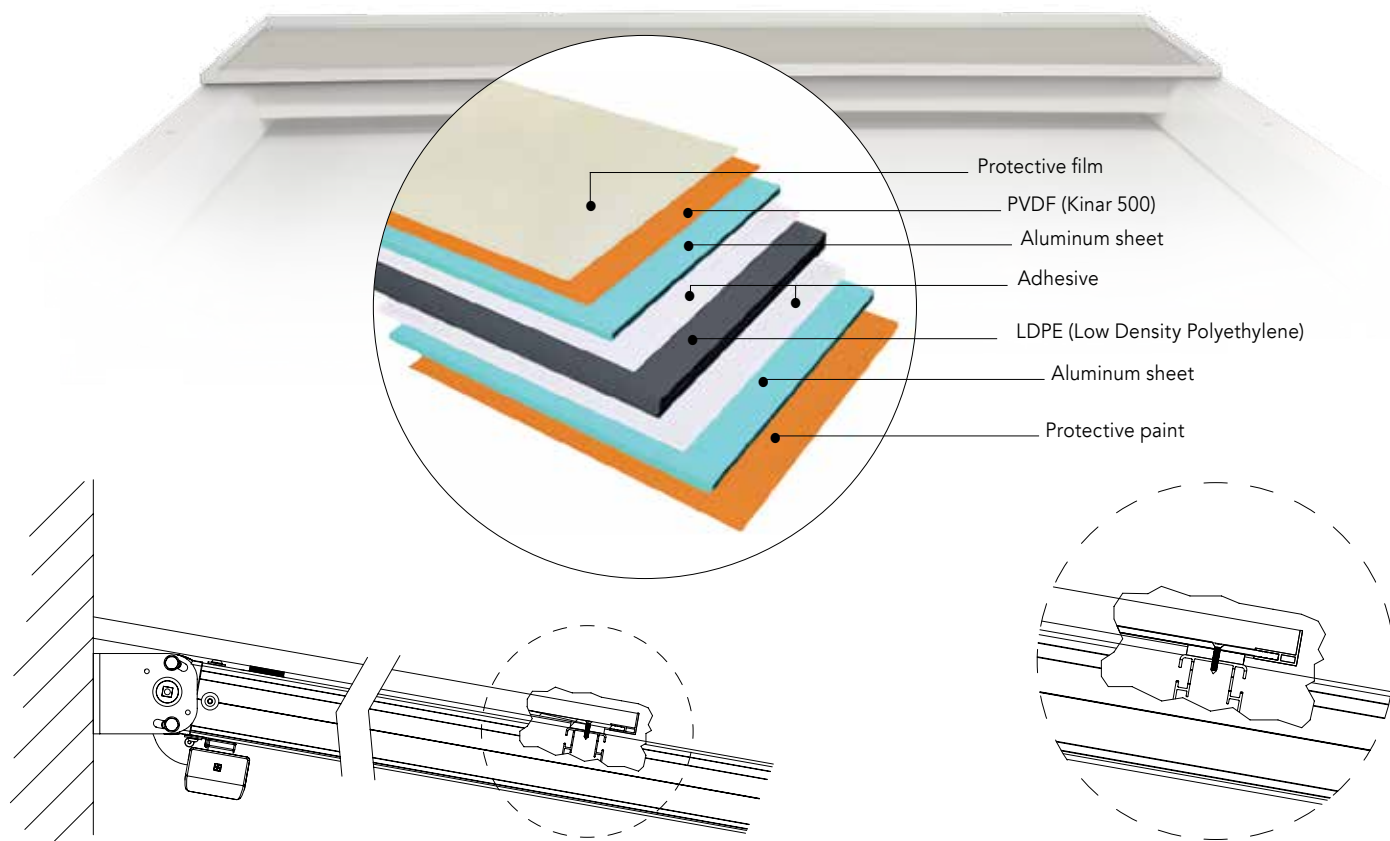
## Lights

Integrated low voltage dimmable lighting. Quantity is in a staggered and hidden in a fabric pocket formation in the cross beam profiles



# HOOD/ GASKET

The Gennius hood is produced with special aluminum protective layers over inter-layered polyethylene panels that are particularly robust, lightweight, raindrop quiet, and unobtrusive to the balance of the design elements of the systems. The standard hood panels are white on the top and bottom or can be custom powder coated to match the unit framework color. A protective clear film over the aluminum is removable upon installation.



## Gasket

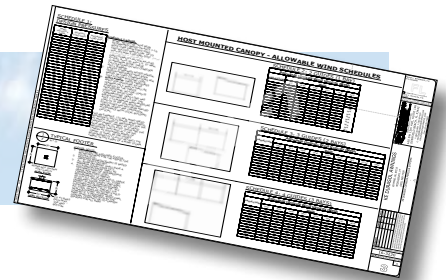
The double fin gasket for waterproof management of the Gennius systems are produced by co-extrusion technology between two materials with different characteristics - PVC and Plasticized Polyethylene

- The PVC offers stiffness on the guide hook to seal onto to the guiderail.
- The plasticized polyethylene gives elasticity to the parts that are in contact with the fabric to avoid PVC memory effect from temperature variation.
- The patented double fin structure assures that rainwater is routed into the unit's integrated gutter and does not sill over the sides even in windy conditions.





# ENGINEERING CERTIFICATION



WIND RESISTANCE - CLASS 3

The Gennius design principle is to achieve both aesthetic beauty and durable, reliable function. All of Gennius' components are designed and manufactured to satisfy these goals. Gennius is tested and approved to comply with standard EN 13561, Class 3: the most stringent standard.

In fact, the actual test results indicate that Gennius' performance is superior to the standards specified in EN 13561.



All Gennius models have the CE Certification, an assurance of quality.

See Care & Maintenance Packet

Maintenance & Care Package has to be followed otherwise warranty is voided.

# FRAME COLORS

The following frame colors are available on the A2C, A2C (Single Freestanding), A2C (Double Freestanding), A100, L1S, T1, and T4.



WHITE



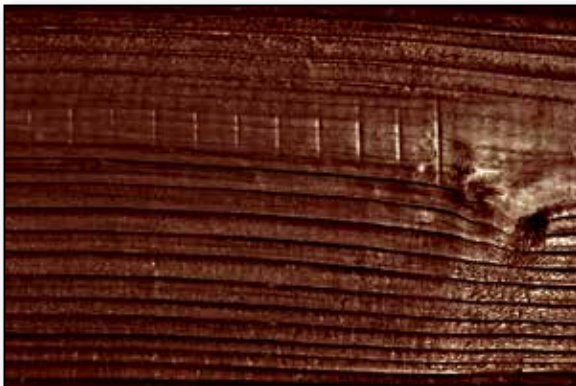
CHARCOAL



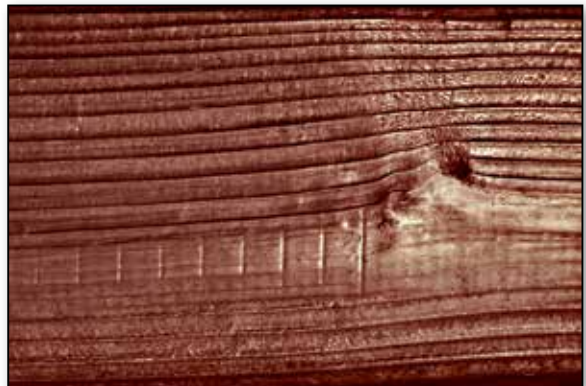
\*SAND

\*The Isola 2 and KEDRY are only available in White or Charcoal  
Custom colors available

## Wood Frame Colors for L1S



IMPREGNATED DARK WALNUT



IMPR. SEMI-GLOSSY MAHOGANY WOOD

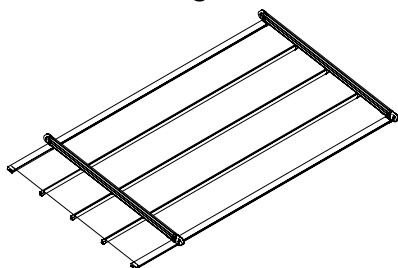


# SPECIAL STRUCTURES

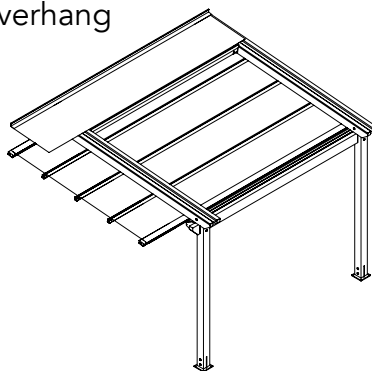
Non-standard structures are available. Please contact our technical department for feasibility of non-standard configurations.

These are some sample configurations.

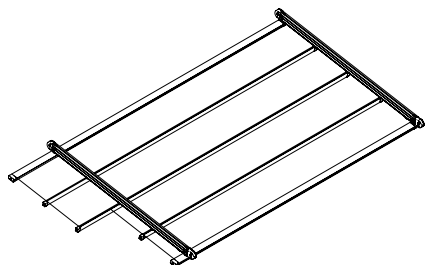
With overhang



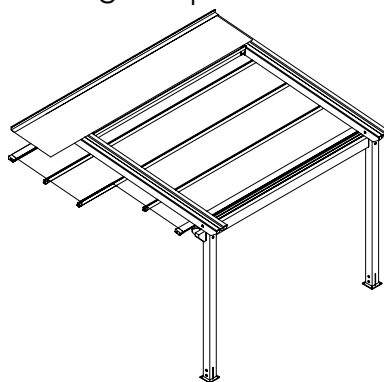
With overhang



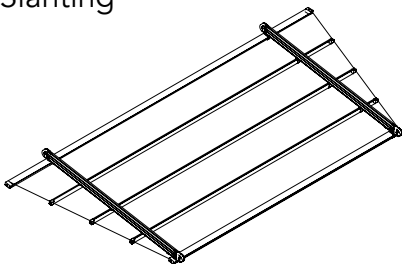
With overhang and protrusion



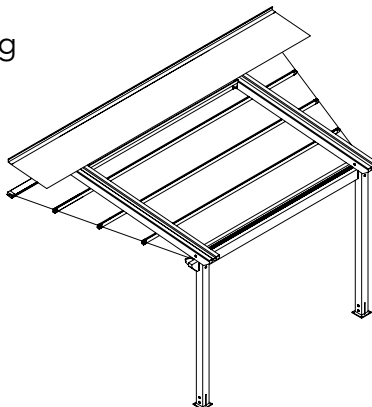
With overhang and protrusion



Slanting



Slanting



# SOMFY® MYLINK™



SOMFY myLink  
WIFI Interface



Easily transform your experience with Somfy- powered motorized solutions and maximize the benefits that they provide, such as energy savings, privacy, comfort and convenience. The myLink puts you in control, so that you can operate your motorized shades, blinds, awnings, screens and shutters with your favorite mobile device whether you're home or not.

## ONDEIS™ WIREFREE

### Ondeis™ WireFree RTS Rain and Sun Sensor



Perfect for the Gennius the Rain Sensor is a solar-powered combined rain and sun sensor compatible with Radio Technology Somfy® motorized exterior products, including awnings, rolling shutters and screens. The Sensor is completely wireless and uses optical rain-sensing technology to measure rainfall and sends an RTS command when rainfall exceeds the user-selected threshold. The Sensor also utilizes a sun-level sensor that sends an RTS command when sunlight exceeds the user-selected threshold.



## FERRARI PRECONSTRAINT PROOF 502, CLASSIC BLACKOUT 602, AND SOLTIS W96

Ferrari Preconstraint 502 Proof- architectural PVC textile by Serge Ferrari - Soltis Proof 502 (previously named Preconstraint 502 Satin) is a highly durable, dimensionally stable material with a 10 year warranty. This waterproof material protects against bad weather and UV and offers exceptional dirt and mold resistance due to its PVDF surface treatment. Available in 40 colors and with an attractive satin finish.  
<https://www.sergeferrari.com/us-en/products/soltis-range/soltis-proof-502>



Flexlight Classic 602 Opaque is a fireproof and waterproof membrane with an ideal opacity / weight ratio. With excellent dimensional stability and UV resistance, Flexlight Classic 602 Opaque is easy to clean, and eliminates shadow lines from environmental pollution on the top side for a longer “like-new” lifespan. Two colors available –White 602-8503 and Ivory 602-50020.

<https://www.sergeferrari.com/us-en/products/flexlight-range/flexlight-classic-602-opaque>



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.

<https://www.sergeferrari.com/us-en/products/soltis-range/soltis-proof-w96>



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ENJOY THE OUTDOORS

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