



TRIAOUTDOOR
EUROPE

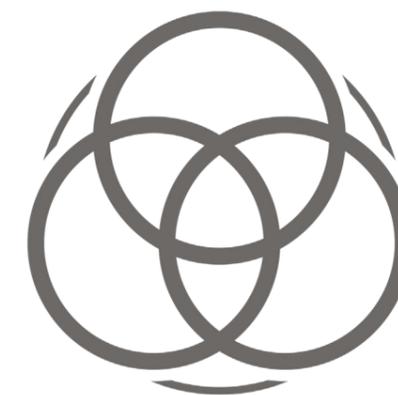
BIOCLIMATIC PERGOLA

EXTENDER / PENDER / TSCREEN

PREMIUM - Product Catalog

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TRIAOUTDOOR
E U R O P E

TriaOutdoor Europe

As an aluminium specialist, TriaOutdoor always strives to satisfy both industry and private customers worldwide with high-quality products

We only use the highest quality materials and produce in compliance with strict quality criteria. All our profile systems are carefully selected to achieve the best possible quality and long service life for the customer.

A variety of options and production according to customer specifications make us the leading global supplier of patio covers, pergolas, carports and much more...



Be inspired and discover our latest models!

TRIAOUTDOOR
EUROPE

Installation



We offer three possible variants of our terrace roofing. **Freestanding**, **wall mounted** or installed on **existing constructions**. Choose the best option for you...

Free standing

Place your pergola exactly where you prefer to spend your time or where you want to be protected against rain, wind and weather or sun. Depending on the size of the pergola, at least 4 or more posts with a very high load capacity are used. In order to anchor the pergola stably and securely to the ground, we supply special mounting plates for free-standing systems.

Wall mounted

Connect your patio cover directly to existing buildings, houses or constructions and thus expand the usable area for every season. Whether guest garden, restaurant or hotel, petrol station, campsite, terrace at home - expand your living space ...

Roof only

Whether our bioclimatic or our jumbo size pvc pergolas. We also deliver all of our systems without posts. This means that you can also install the full benefits of our pergola systems on existing structures such as masonry, concrete columns or other existing structures.

Bioclimatic System (Premium/Ecoline)

Our bioclimatic slat roofs are produced with **four different functional scopes**. The slats can either be rotated (approx. 135°) or moved to a parking position. Both functions are combined in the Combi version - ie you can either rotate the slats or move them to the parking position (Flat or Slope Style Roof!)

As a great option for our specialist dealers, partners and customers, we have our bioclimatic system in two different series in our range.

The **Ecoline series** and the **Premium series**. For the Ecoline series we use high-quality aluminum profiles with a wall thickness of up to 2.5 mm and profile dimensions of approx. 100 x 100 mm. The screw connections are partially visible.

In the Premium Serie, we use profiles with up to 4.5mm wall thickness and approx. 160x160mm dimensions for the same products in the Premium series - without visible screw connections!

FLIP (P/E)

In the **FLIP** version, the high-quality aluminum slats are rotated up to an angle of 135° and thus ensure a pleasant climate in your pergola. At the same time, they protect against direct sunlight or direct rain. The special shape of the slats ensures that rainwater is drained off directly through the profiles.

SLIDE (P)

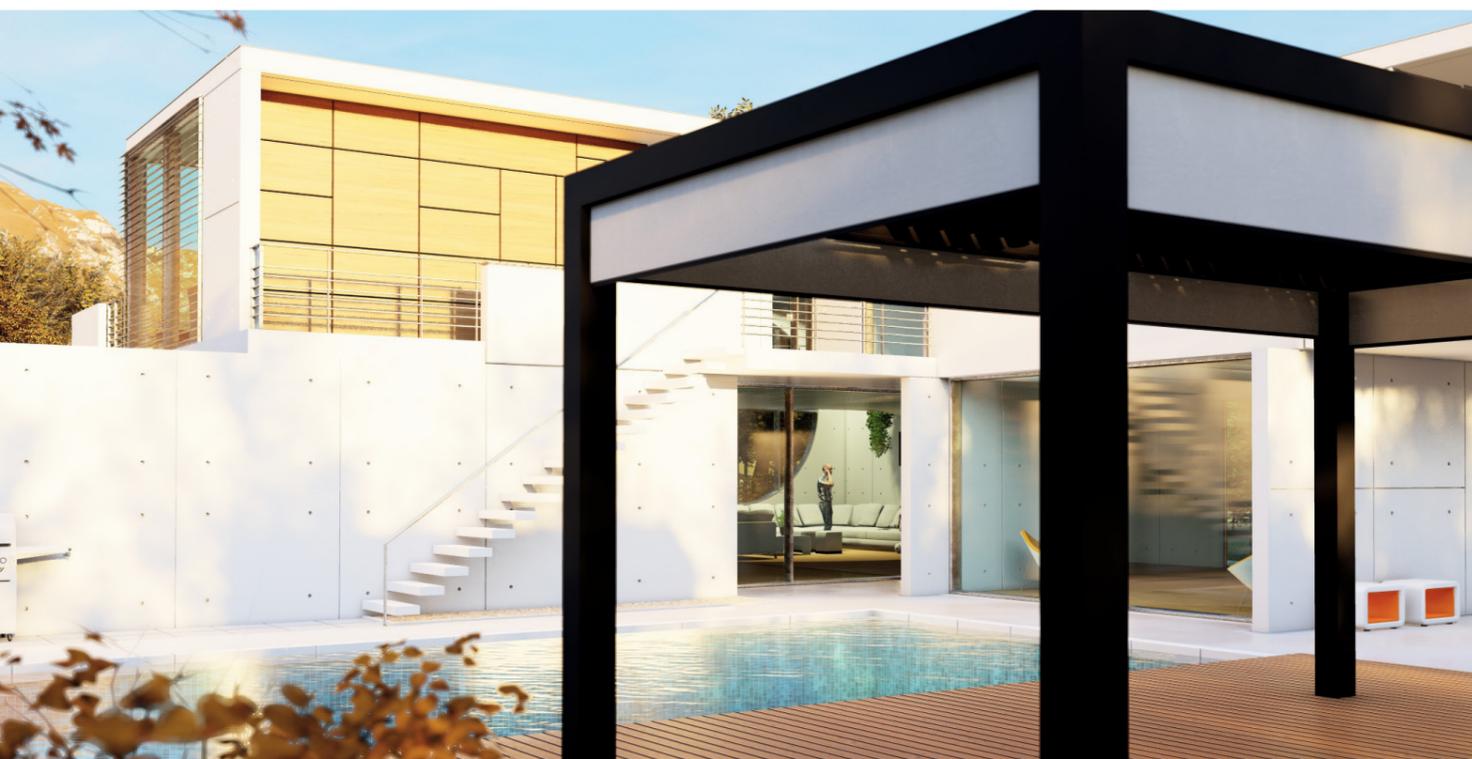
For sun lovers, the **SLIDE** version offers the convenient option of opening the slats and moving them to a parking position. As a result, they open up to 4/5 of the entire roof area. The slats are opened by up to 75° while being moved and at the same time pushed into the parking position.

COMBI (P)

If you would like to have the two functions „rotate“ and „move into the parking position“ combined in one pergola, choose the **COMBI** variant. This is produced using two motors and allows you to turn the slats (bioclimatic) or to open the roof completely, depending on your preference.

SLOPE/SLIDE (P/E)

Our **SLOPE/SLIDE** version provides for a roof pitch of at least 2° and can move the slats to a parking position. Due to the special design and the simpler profiles, the water can be easily collected and drained via the roof pitch. This also affects the price of the systems in particular. Very suitable for systems that are mounted on the wall.





EXTENDER

FLIP
SLIDE
COMBI
SLOPE SLIDE

EXTENDER FLIP



Rotatable slats with an opening of up to 135°, even during rain, characterize our FLIP bioclimatic pergola. The highest quality is guaranteed for both the profiles and the options. Control the pergola with a remote control or integrate the system into your SmartHome system.



SPECIFICATIONS

- Basic Model without Options (ZIP, LED ...)
- Watergutter integrated
- Free standing, Wall mounted
- Rotating Slats (135°)

PROFILES

- Special, high quality Aluminium
- up to 250kg Snowlasting
- up to 4mm / up to 160x160 mm
- Powder Coating (All RAL Color)
- 274x40mm Slats

MAX DIMENSION

- 6000 x 4000 (4 pillar, 2 Column)
- 8000 x 4000 (6 pillar, 2 Column)
- 8000 x 6000 (6 pillar, 2 Column)
- 8000 x 4000 (4 pillar, 2 Column / STEEL)
- Combination (join on long or short side)

OPERATION

- 1 Motor (Somfy or Cherubini)
- RF Controller (RTS or IO)

OPTIONS

- LED Light (RGB or White)
- ZIP Rollo - Sidepartition
- Slimline Sliding Glass - Sidepartition

COLOR



7016 9006 9016

- matt, glazing, texturiert
- All other colors on request!

EXTENDER SLIDE



SPECIFICATIONS

- Basic Model without Options (ZIP, LED ...)
- Watergutter integrated
- Free standing, Wall mounted
- Sliding Slats (open 4/5 of the Roof)

PROFILES

- Special, high quality Aluminium
- up to 250kg Snowlasting
- up to 4mm / up to 160x160 mm
- Powder Coating (All RAL Color)
- 274x40mm Slats

MAX DIMENSION

- 6000 x 4000 (4 pillar, 2 Column)
- 8000 x 4000 (6 pillar, 2 Column)
- 8000 x 6000 (6 pillar, 2 Column / STEEL)
- 8000 x 4000 (4 pillar, 2 Column / STEEL)
- Combination (join on long or short side)

OPERATION

- 1 Motor (Somfy or Cherubini)
- RF Controller (RTS or IO)

OPTIONS

- LED Light (RGB or White)
- ZIP Rollo - Sidepartition
- Slimline Sliding Glass - Sidepartition

COLOR

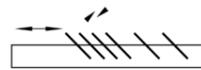


- matt, glazing, texturiert
- All other colors on request!

The bioclimatic pergola version SLIDE is the optimal solution for everyone who likes to enjoy a lot of sun and yet wants to be safe from rain and wind. Controlled by remote control or SmartHome, the slats can be moved to the parking position.



EXTENDER COMBI



Our COMBI version combines the excellent functions of our FLIP and SLIDE in one system. Driven by two motors, you can either just turn the slats or move them to the parking position and thus open up to 4/5 of the roof. The optimal solution for industry, hotels, restaurants or private customers.



SPECIFICATIONS

- Basic Model without Options (ZIP, LED ...)
- Watergutter integrated
- Free standing, Wall mounted
- Rotating (135°) & Sliding Slats

PROFILES

- Special, high quality Aluminium
- up to 250kg Snowlasting
- up to 4mm / up to 160x160 mm
- Powder Coating (All RAL Color)
- 274x40mm Slats

MAX DIMENSION

- 6000 x 4000 (4 pillar, 2 Column)
- 8000 x 4000 (6 pillar, 2 Column)
- 8000 x 6000 (6 pillar, 2 Column / STEEL)
- 8000 x 4000 (4 pillar, 2 Column / STEEL)
- Combination (join on long or short side)

OPERATION

- 2 Motor (Somfy or Cherubini)
- RF Controller (RTS or IO)

OPTIONS

- LED Light (RGB or White)
- ZIP Rollo - Sidepartition
- Slimline Sliding Glass - Sidepartition

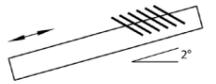
COLOR



7016 9006 9016

- matt, glazing, texturiert
- All other colors on request!

EXTENDER SLOPE/SLIDE



SPECIFICATIONS

- Basic Model without Options (ZIP, LED ...)
- Min. 2° sloped style roof
- Free standing, Wall mounted
- Sliding Slats (open 4/5 of the Roof)

PROFILES

- Special, high quality Aluminium
- up to 250kg Snowlasting
- up to 4mm / up to 160x160 mm
- Powder Coating (All RAL Color)
- 274x40mm Slats

MAX DIMENSION

- 6000 x 4000 (4 pillar, 2 Column)
- 8000 x 4000 (6 pillar, 2 Column)
- 8000 x 6000 (6 pillar, 2 Column / STEEL)
- 8000 x 4000 (4 pillar, 2 Column / STEEL)
- Combination (join on long or short side)

OPERATION

- 1 Motor (Somfy or Cherubini)
- RF Controller (RTS or IO)

OPTIONS

- LED Light (RGB or White)
- ZIP Rollo - Sidepartition
- Slimline Sliding Glass - Sidepartition

COLOR



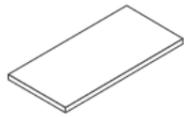
- matt, glazing, texturiert
- All other colors on request!

SLOPE/SLIDE is the optimal solution for wall mounting. The water drainage can be easily implemented via the gradient (at least 2°). Controlled by remote control or SmartHome, the slats can be moved to the parking position.



Combinations

You can build many different combinations with our bioclimatic pergolas. Either combined on the long or short sides or with additional uprights for the installation of revolving or sliding doors are possible. These combinations make it possible to build almost infinitely large systems.



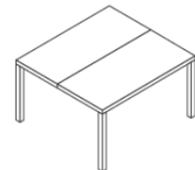
Rooftop only
on existing
construction!



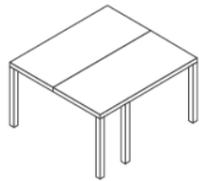
Free standing
with 4/6/8
pillar



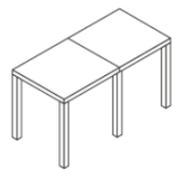
Free standing
with overhang



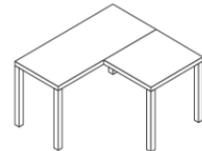
Free standing
long side joint!



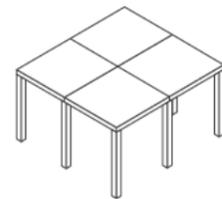
Free standing
longside joint
with door



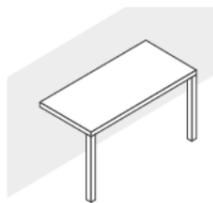
Free standing
doubleing



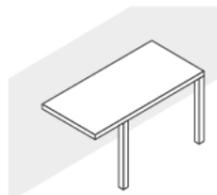
Free standing
long/shortside
joint



Free standing
four system
joint



Wall mounted
with 2/3/4
pillar



Wall mounted
with overhang



Wall mounted
with 3 pillar
for door





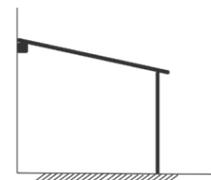
PENDER

PVC FABRIC

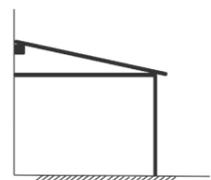
PENDER PVC – Fabric System

PVC sun protection pergolas are supplied as so-called „slope-style“ variants. Thus, water drainage is always secured via the slope and the waterproof PVC fabric. Driven by high-performance motors from Cherubini or Somfy, the roof can be opened up to 4/5 of the total area. An ideal sun protection solution for very large areas (restaurants, hotels, guest gardens, service areas,

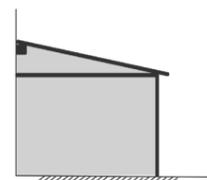
Style



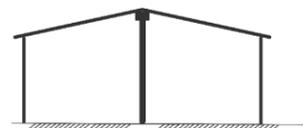
Wall mounted
Slope / Open



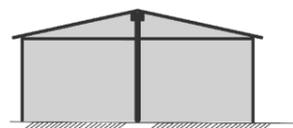
Wall mounted
Slope / Open / Stable



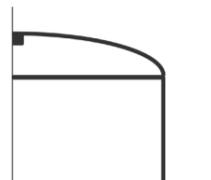
Wall mounted
Slope / Closed
(PVC, Glass, Rollo)



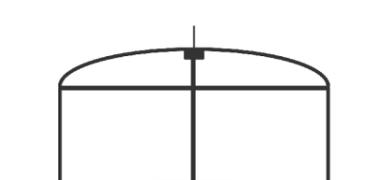
Free standing double side
Slope / Open



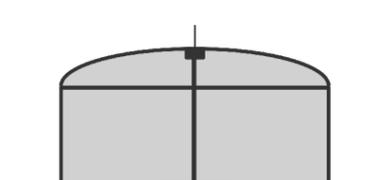
Free standing double side
Slope / Close
(PVC, Glass, Rollo)



Wall mounted
Curved / Open



Free standing double side
Curved / Open



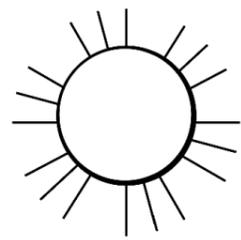
Free standing double side
Curved / Close
(PVC, Glass, Rollo)



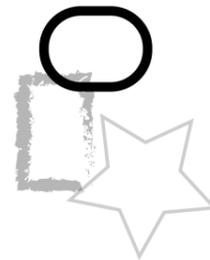
PENDER FABRIC DETAILS



100%
waterproof



Translucent to
take maximum
advantage of
natural light



Lightweight and
thin ensuring
compactness in
retractable or
roll-up roofs

For our PVC pergolas we use the high-quality and very weather-proof fabrics from SergeFerrari. These allow a very long service life with a lot of mobility and color stability. With the different types of fabrics, you can choose from completely opaque to slightly translucent variants ...

TECHNICAL

- Weight: 490 g/m²
- Thickness: 0,43 mm
- Sealing: 10 000 mm
- Length: 40 lm

PHYSICAL

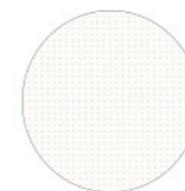
- Breaking Resistance 140/140 daN/5 cm
- Tear Resistance 12/12 daN/75 cm

FIRE REACTION

M2/NFP 92-507 — B1 / DIN 4102-1 — M2/
UNE 23727-90 — Class 2 / UNI 9177-87 —
Schwerbrennbar- Q1- Tr1 / ONORMA 3800-1
— Classe 1 / EN 13773 — Method 1 & 2 NFPA
701 — Class A / ASTM E84

European Norm

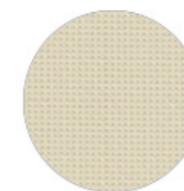
EN ISO 2286-2 / ISO 811
EN ISO 1421 / DIN 53.363



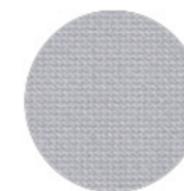
white
W88-8102



off-white
W88-1103



sand
W88-8861



pebble grey
W88-2171



anthracite
W88-2047

* For further information / catalog about the fabric please contact your dealer!



PENDER PVC Fabric System

The PVC pergola PENDER is the perfect solution for large patio canopies. Driven by an industrial motor from Somfy or Cherubini (up to 70 sqm), the roof can be opened or closed almost completely. The materials used by SergeFerrari are extremely resilient and weatherproof. The optimal solution for industry, hotels, gastronomy or private customers.



SPECIFICATIONS

- Basic Model without Options (ZIP, Glass ...)
- Watergutter integrated
- Free standing, Wall mounted, Slope, Curved
- Rolling Roof Fabric

PROFILES

- Special, high quality Aluminium
- up to 200kg Snowlasting
- up to 4mm / up to 160x160 mm
- Powder Coating (All RAL Color)

MAX DIMENSION

- 10000 x 7000 (6 pillar, 3 Column)
- Combination (join on long or short side)

OPERATION

- 1Motor (Somfy or Cherubini)
- RF Controller (RTS or IO)

OPTIONS

- LED Light (RGB or White)
- ZIP Rollo - Sidepartition
- Slimline Sliding Glass - Sidepartition
- PVC Fabric - Sidepartition

COLOR PROFILE



7016 9006 9016

- matt, glazing, texturiert
- All other colors on request!

FABRIC

- SergeFerrari
- SOLTIS PROOF W88 / W96 / OPAQUE622

* For further information / catalog about the fabric please contact your dealer!



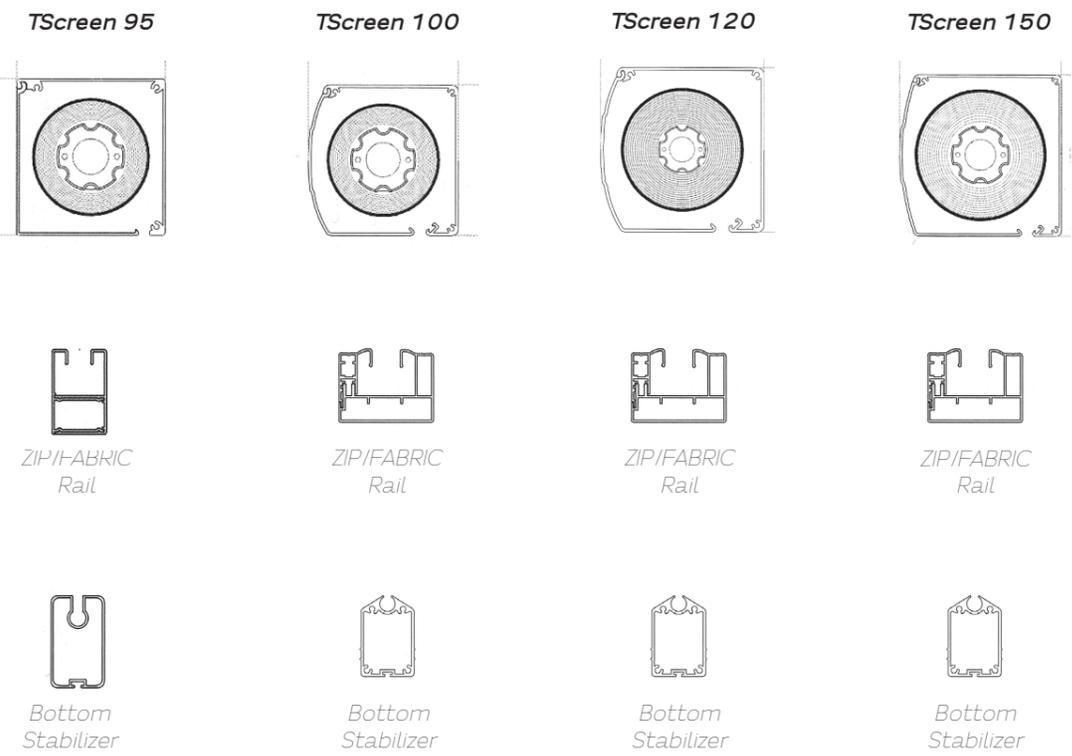
TSCREEN

- ZIP ROLLO - 95
- ZIP ROLLO- 100
- ZIP ROLLO- 120
- ZIP ROLLO- 150

TScreen Zip Rollo

Our TScreen Zip roller blinds offer heavy-duty wind protection that is among the top choices of today's architects. The system, which when closed can also be used as a mosquito net, PVC glass or privacy screen, holds the fabric in place through the patented capsule channels on both sides. It is based on a simple and ergonomic principle with a technical zipper.

TScreen has many fabric options that are wind and rain resistant. In addition, with the high quality fabrics from SergeFerrari, we offer a large number of different technical fabrics ...



TSCREEN

Our TScreen series is very easy to install and almost maintenance-free, which is why there is a 5-year manufacturer's guarantee. With Tscreen you can spend more time with your family and loved ones. The TScreen roller blinds can be integrated into our EXTENDER and PENDER pergola systems or retrofitted to any window, door, lift and slide door system. Each system consists of only three parts (motor block and two lateral guide rails). You can choose from many different fabric models (SergeFerrari or Diskson).



SPECIFICATIONS

- High Quality Aluminium Profile
- Waterproof Motorbox
- Integration in EXTENDER and PENDER Pergola
- 3 Parts only / Easy for installation

PROFILES

- Special, high quality Aluminium
- up to 170km/h Windlasting resistant
- Free of maintainance

MAX DIMENSION

- TS-95 / 3000 x 3000 mm
- TS-100 / 4000 x 3000 mm
- TS-120 / 5000 x 4000 mm
- TS-150 / 6000 x 4000 mm

OPERATION

- 1Motor (Somfy or Cherubini)
- RF Controller (RTS or IO)

COLOR PROFILE



7016 9006 9016

- matt, glazing, texturiert
- All other colors on request!

FABRIC

- SergeFerrari
- Horizon 89, Perform 92, Lounge 96,
ProofW96/88,622
- Dickson / 6000 Serie

* For further information / catalog about the fabric please contact your dealer!



VSLIDE

GUILLOTINE
GLASS

VSLIDE

VSLIDE, the vertical glass sliding system, covers two important functions at the same time. Optical perfect, architecturally an eye-catcher and fall protection or demarcation as a fence. The maximum of three glasses are motor-controlled closed or opened from bottom to top. If the glasses are completely open, they form a boundary or fall protection for you or your customers and guests. An ideal addition to our pergola systems - especially for restaurants, hotels and guest gardens.



SPECIFICATIONS

- High Quality Aluminium Profile
- Metal Chain or Rubber drive
- Special flip function for cleaning
- Easy for installation
- Integration in EXTENDER and PENDER
- With frame - ready to install!

PROFILES

- Special, high quality Aluminium
- up to 170km/h Windlasting resistant
- Free of maintainance

MAX DIMENSION

- max. 3 glasses
- 4000 (B) x 3000 (H)

OPERATION

- 1Motor (Somfy or Cherubini)
- RF Controller (RTS or IO)

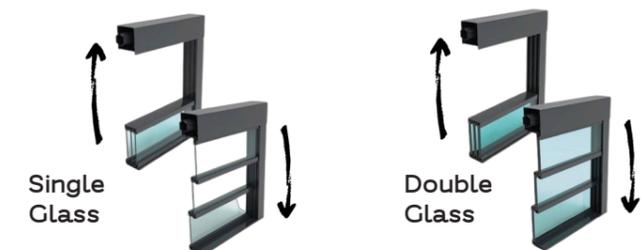
COLOR PROFILE



- matt, glazing, texturiert
- All other colors on request!

GLASS TYPES

- Single Glass up to 10mm (tempered)
- IGU Glass up to 24mm (double layer)





HSLIDE

SLIMLINE
SLIDINGGLASS

HSLIDE

HSLIDE, the horizontal sliding glass system, is available in two different models. Three or four jars that can be opened in either one or both directions. The very slim profile system can be supplied either with standard safety glass or with double insulating glass. Extremely smooth-running and lockable or can be combined with fixed glasses. Suitable for all EXTENDER and PENDER models!



SPECIFICATIONS

- High Quality Aluminium Profile
- Slimline Railing System
- Easy for installation
- Integration in EXTENDER and PENDER
- With frame - ready to install!

PROFILES

- Special, high quality Slimline Aluminium
- Free of maintenance

MAX DIMENSION

- max. 8 glasses in one System
- 3 / 6 or 4 / 8 glass combination

OPERATION

- Manually
- Handlebar / Locksystem as Option

COLOR PROFILE



7016 9006 9016

- matt, glazing, texturiert
- All other colors on request!

GLASS TYPES

- Single Glass up to 10mm (tempered)
- IGU Glass 4/12/4 (double layer)

OVERVIEW

TYPE	EXTENDER Flip	EXTENDER Slide	EXTENDER Combi	EXTENDER Slope/Slide	PENDER
Roof Style	Flat	Flat	Flat	Slope	Slope/Curved
Roof Material	Aluminium Slats	Aluminium Slats	Aluminium Slats	Aluminium Slats	Industry Fabric
DIMENSION					
Max width	6000	6000	6000	6000	10000
Max projection	4000	4000	4000	4000	7000
Max. height	2600	2600	2600	2600	3500
Min. Slope	No slope!			2°	2-3°
Joinable	Yes, multiple	Yes, multiple	Yes, multiple	Yes, multiple	Yes
Max Slat Rotation	135°	70°	135°	70°	-
Max. Lasting	160-250kg/sqm	160-250kg/sqm	160-250kg/sqm	160-250kg/sqm	180kg/sqm
Engine / Control					
Motor Somfy	x	x	x	x	x
Motor Cherubini	x	x	x	x	x
RF Controller	Optional	Optional	Optional	Optional	Optional
Max. Motor	1	1	2	1	1
OPTIONS (Side Partition, Light ...)					
TScreen Zip	x	x	x	x	x
VSlide	x	x	x	x	x
Sliding Glass	x	x	x	x	x
Fix Glass Wall	Optional	Optional	Optional	Optional	Optional
Triangle Frame	-	-	-	Yes	Yes
Add. Column	Optional	Optional	Optional	Optional	-
Shifted Pilar	Optional	Optional	Optional	Optional	-
LED Warm	Optional	Optional	Optional	Optional	Optional
LED Cold	Optional	Optional	Optional	Optional	Optional
LED RGB	Optional	Optional	Optional	Optional	Optional
Windsensor	Optional	Optional	Optional	Optional	Optional
Rainsensor	Optional	Optional	Optional	Optional	Optional



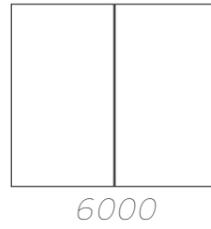
OVERVIEW

FLIP 

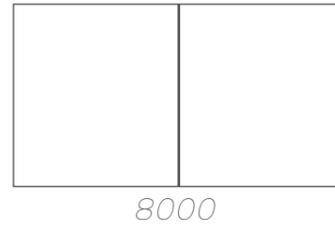
1 Motor



**1 Motor
(+ Power)**



**2 Motor
(synch)**

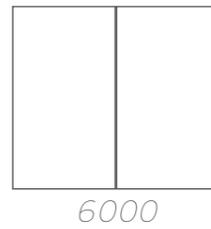


SLIDE 

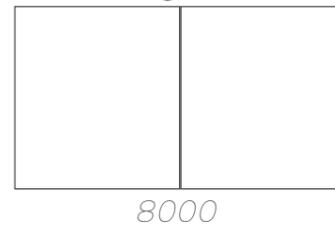
1 Motor

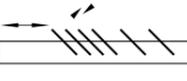


**1 Motor
(+ Power)**



**2 Motor
(synch)**

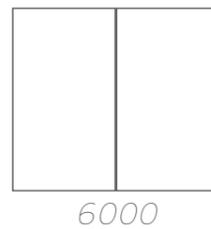


COMBI 

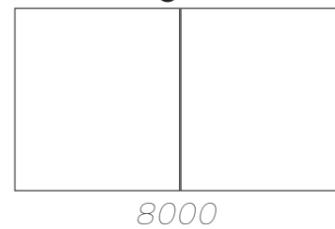
1 Motor

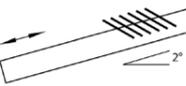


**1 Motor
(+ Power)**



**2 Motor
(synch)**

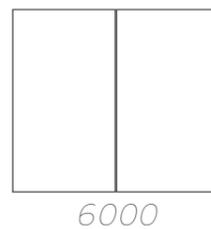


SLOPE/SLIDE 

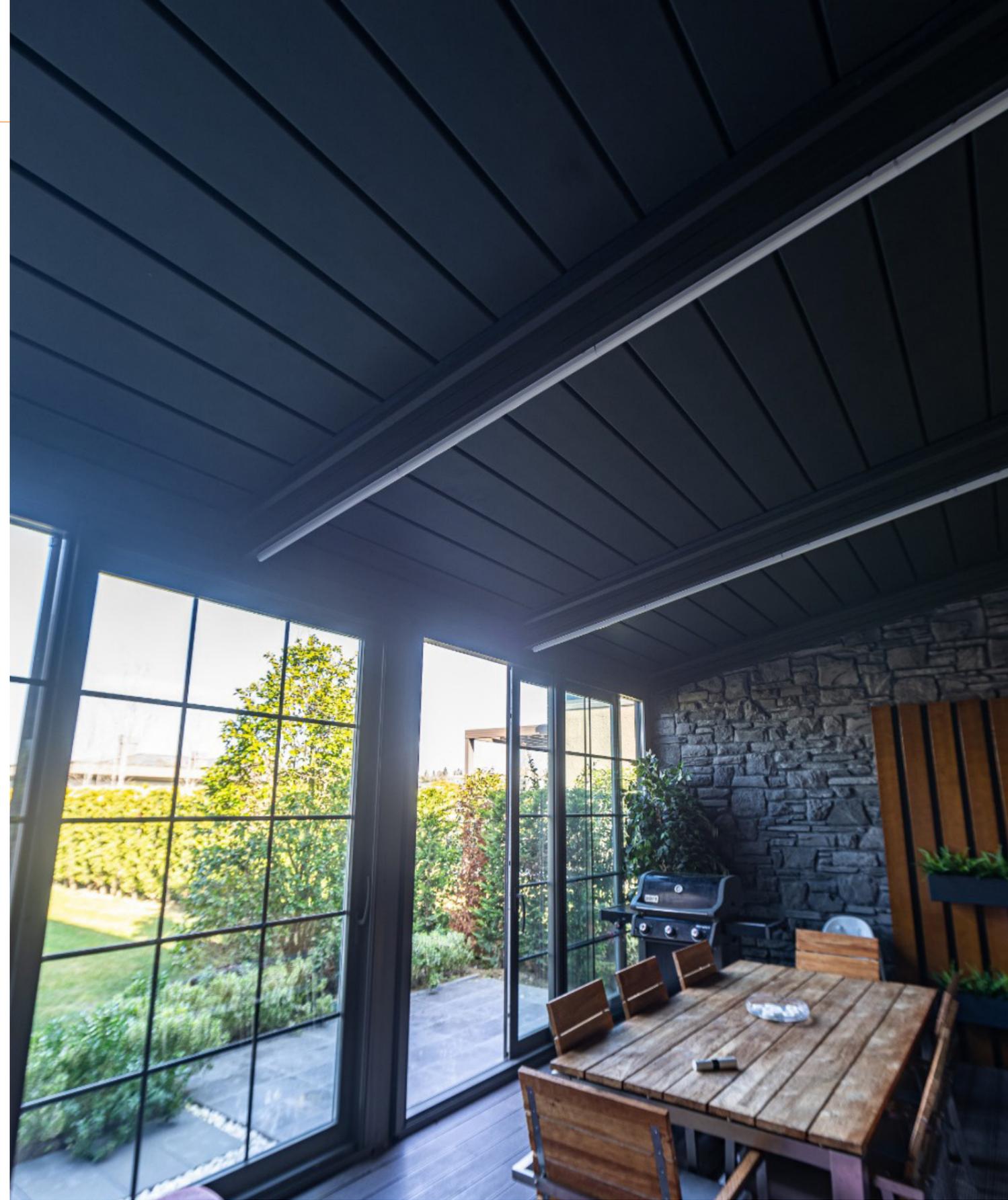
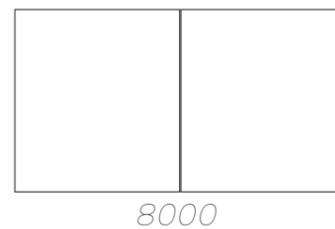
1 Motor



**1 Motor
(+ Power)**



**2 Motor
(synch)**





WARRANTY / QUALITY

We only use the highest quality raw materials and only work with selected and constantly monitored partner companies. All products are produced, packaged and shipped with the utmost care in compliance with the highest quality guidelines.

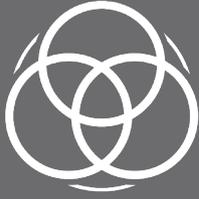
3 years warranty on all electronic items

5 years warranty on the Pergola, TScreen, Motor

10 year warranty on request!



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