

Pergolas &
AAS* Patio roofs

Wallis & Outdoor*

The Art of living



Profiles
SYSTEMES

The logo for Wallis & Outdoor, featuring the brand name in a white, elegant script font. A small sun icon is positioned to the right of the word 'Outdoor'.

Pergolas & AAS* roofs

by Profils Systemes

Designer spaces from the outdoor living creator...

Aimed at the building improvements sector for private home, collective and commercial premises (verandas, balconies, patios, pool houses, hotels, cafes, pub & restaurant exteriors, schoolyard canopies, convalescent homes, leisure centres, etc.). Wallis & Outdoor® Pergolas & AAS* roofs protect occupants from the harsh summer sun while capturing the sun's light and heat in winter. Air circulation between the slats provides natural air conditioning.

Wallis & Outdoor® Pergolas & AAS* roofs fit perfectly into any style of home, whether modern, contemporary, or classic. They expand and optimize outdoor living spaces, adding comfort with dashing looks.

Profils Systemes is a French designer and manufacturer of extruded aluminium products, specialized in aluminium joinery since 1987.

Wallis & Outdoor® Pergolas & AAS* roofs are made from 100% recyclable, 6060 grade extruded aluminium alloy.



* Adjustable Angle Slats

Comfort & sturdiness

Characteristics

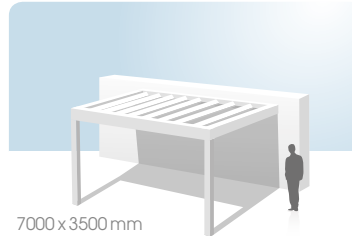
- **Large dimensions**
Up to 7000 x 3500 mm or 4500 x 4500 mm
maximum height 3000 mm
- **135 x 135 mm aluminium support posts** with concealed fixings
- **105 x 105 mm support posts** (for AAS roofs and Pergolas with wall connection) with visible fixings
- **Extruded aluminium rotating blades**, 100% recyclable 6060 alloy
- **135° slat adjustment for modulating** the sun's rays and the ventilation flow
- **Drip tight**
- **Floor plate fitting or sunken flush mountings**
- Maximum snow load: **90kg/m²**
- **Peripheral gutter with water run-off** into any corner for rainwater recovery
- Built-in **motorization**
- Optimization of **solar energy gain**



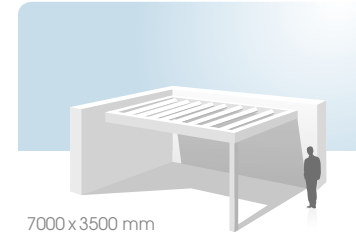
Layouts

The structures can be laid out in several ways. The Pergolas and AAS* roofs can be connected end to end or side to side. (dimensions shown are maximum length x width spans)

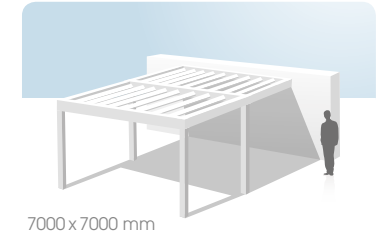
Examples of wall fixing (2 posts)



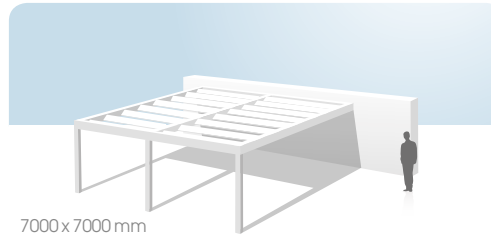
7000 x 3500 mm
ou 4500 x 4500 mm



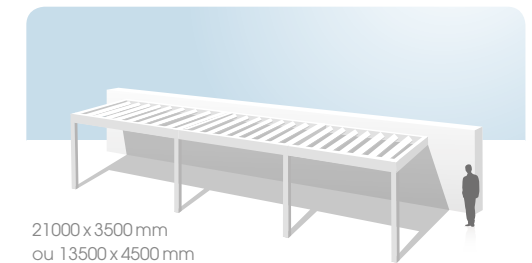
7000 x 3500 mm
ou 4500 x 4500 mm



7000 x 7000 mm
ou 9000 x 4500 mm

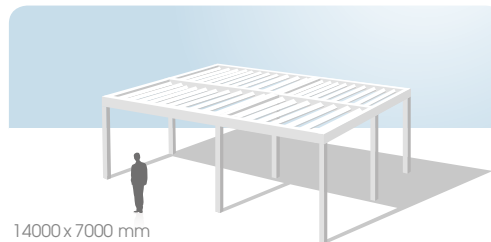


7000 x 7000 mm
ou 4500 x 9000 mm



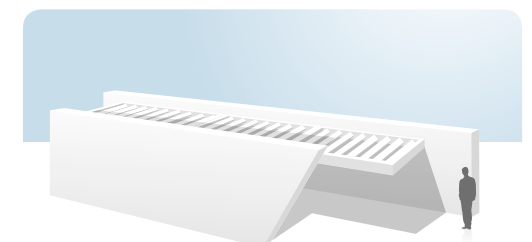
21000 x 3500 mm
ou 13500 x 4500 mm

Examples of self-standing (9 posts)



14000 x 7000 mm
ou 9000 x 7000 mm

Examples of installation between walls (no posts)



21000 x 7000 mm

Options

Climate modulation**

LEDs

Wiring for sound

Heating

Mist spray

Blinds

** Automatic climate management module orients slats to suit weather conditions: sun, wind, rain, snow

Selling points

Elegant DESIGN

Stainless steel or aluminium non-visible screws



Climatic COMFORT

Tilting slats block the burning summer heat while optimizing solar gain in winter



DRIP-TIGHT

Even when the blades are opened after rainfall. The water runs off into one of the corner posts (you choose which)



TOUGH

Aluminium structure with stainless steel mechanism and Ø12 mm spindles



Did you know ?

You don't usually need planning permission to install a Wallis & Outdoor® Pergola or AAS* roof. It must simply comply with local town planning rules, which you can consult at your local city offices.

The Art of living

Enjoy the outdoors whatever the weather !



Sun Time[☼]



Rain Time[☁]



Snow Time[❄]



Storm Time[⚡]

At any time[☼]!



Breakfast Time[☼]



Pasta Time[☼]



Brunch Time[☼]



Tea Time[☼]



Siesta Time[☼]



Pool Time[☼]



Drink Time[☼]



Party Time[☼]

Options

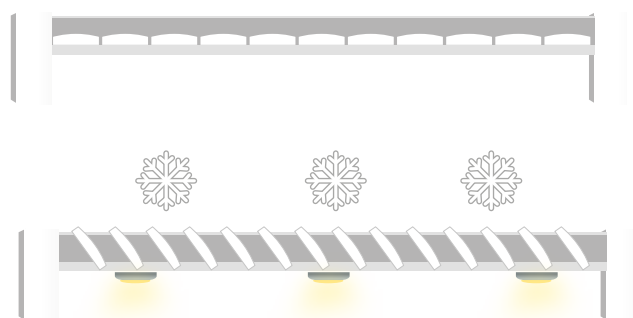
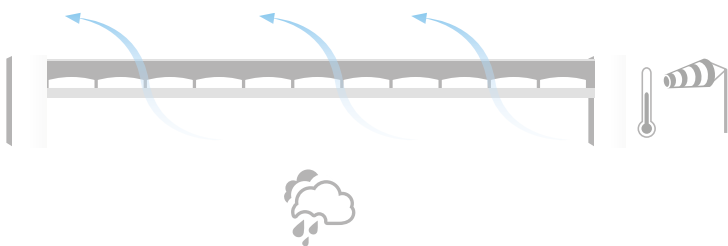
Climate management



This automated solution lets you optimize the comfort and safety of your AAS or Pergola roof.

Several sensors are installed :

- Rain sensor for automatic closing
- Wind sensor for automatic opening in high winds
- Temperature sensor built into control centre for automatic opening in snowy or icy conditions



Control centre :

- Power supply : 230 VAC
- Control board :
 - Up to 3 cylinders
 - Power supply to lighting blocks
 - Built-in 230V/24V AC/DC converter
 - Ingress protection: IP65

System guaranteed 2 years.

Sound



Discreet looks, dynamic sound. Live differently, listen to music differently.

The SolidDrive® SD1G turns your glazed surfaces into a high performance acoustic system with very high quality sound.

The system consists in a transducer and amplifier.

Music without big speaker cases:

Install SolidDrive® on any surface and it becomes a sound system.

This system works with any type of glazed surface, from single to double glazing, glass to polycarbonate.

A combination of innovative technology and unique design:

- No space wasted
- Sensational sound thanks to a revolutionary and totally invisible system.

A unique, innovative design that meets everybody's expectations of excellent design and great sound. Can be installed on windows of **shops, restaurants, conservatories**, etc



SolidDrive dimensions :

Width 59 mm

Depth 54 mm

Technical specifications :

- Unidirectional sound
- Very simple installation
- Versatile and modular
- Low power consumption
- Tough and long lasting (-50°C to +80°C)
- Bandwidth 50Hz-17KHz
- Rare earth magnets
- 120° listening angle
- Audible area: 10-40m² per SolidDrive unit
- Highly advanced patented technology

System guaranteed 7 years.

Couple de moteurs
opposés symétriquement



Aimants
Neodymium

Heating



Infrared heating without red light.

With its elegant, discreet design, this infrared heating unit is the ideal heating solution for café exteriors, winter gardens, smoking areas, etc. Its sophisticated technique and its wireless, battery-free remote control option place it firmly in the next generation of infrared heating.

Unlike conventional radiant or gas heaters, these units have very low heat fall-off :

- Even spread of heat
- Orientable to a very high precision
- Weather resistant



3 heat powers :

- 1500 W (1000mm)
- 2400 W (1500mm)
- 3200 W (2000mm)

Dimensions (millimetres) vary with power rating :

- 1500w = 165.5 x 924 x 151 mm
- 2400w = 165.5 x 1364 x 151 mm
- 3200w = 165.5 x 1774 x 151 mm

System guaranteed 1 year.





3 different LED lighting systems are available :

- LED rail

Aimed toward the centre of the pergola, they provide real useful light and can be connected to the bioclimatic control centre, allowing brightness adjustment with the same remote control.

- **Recommended quantity** : minimum of 2 rails 12m² then 1 additional rail for every extra 6m²

- **3 Kits in stock** to suit different areas

- LED spotlight

Fits into a widthwise or lengthwise spar as desired.

Any number of spotlights can be built in depending on the spar length.

- LED strip

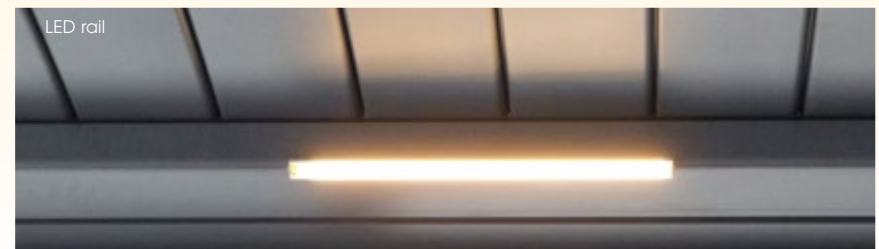
Fits into a groove along the whole length of the pergola to provide great ambience lighting. We advise combining it with additional lights of the other types.

Advantages of lighting by LED :

- No UV emissions
- Intense lighting flux on the lighting axis
- Very low heat emission
- Maximum temperature at the back of the LED: 80°C, meaning the LED can be recessed without special ventilation
- Long life span (over 50,000 hours)

Two spotlights can be connected in series. Average lighting levels up to 86 lux

System guaranteed 2 years.



Mist cooler



A high pressure mist spray is generated by near-silent pumps, producing a pressure of 70 bars. Water is squirted through jet nozzles that generate an extremely fine, light spray.

The micro-drops of water mix instantly with the air (adiabatic exchange) to form a thermal curtain that provides cooling without dampening.

This allows the temperature to be brought down as low as 12°C, depending on the circumstances.

Mist spraying is also useful for :

- diffusing various products (scents, disinfectants, insecticides)
- providing optimum regulation of temperature and humidity

System guaranteed 1 year.



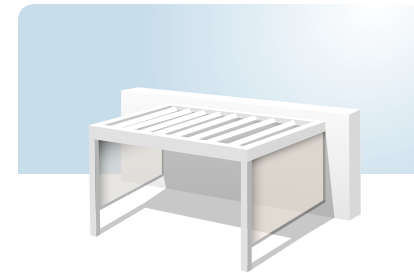
Compressor



Nozzles

- Nozzle diameter: 0,15 mm with anti-drip system
- Pergola 7000 x 3500 mm = 14 nozzles
- 1 nozzle = 1,5 m²

Blinds



ZipSCREEN solar protection is genuinely multi-talented. Fitted to each side of the Pergola, it reflects a great part of the sun's direct rays while protecting you from prying eyes, but still allows plenty of light through to the inside

The blind fits into side guides over the whole of its height, enabling it to withstand high winds.

The blinds can be opened and closed using the climatic control centre remote control.

The blind roller box comes in all the exclusive Profils Systèmes colours : Terra Cigala®, Profils Color®, Mahoé® wood effect, Eclats Métalliques® metal effect and of course all the colours in the RAL palette.

The blind is made from specially treated fabric, highly effective in filtering a big part of the sun's UV radiation. With a palette of 140 different colours, your choice and personal tastes are unbounded !



Colours & finishes

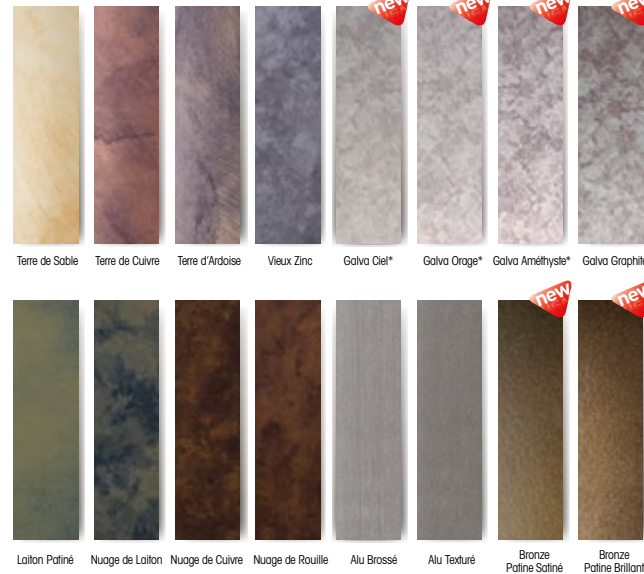
Your Pergola or AAS* roof comes in over 400 shades, including exclusive effects like Eclats Métalliques® metal, Mahoé® wood, and Terra Cigala® sandstone and granite, as well as of course the full RAL range.

Powder lacquering (no waste, no VOCs) guaranteed 10 or 25 years depending on the lacquer type.

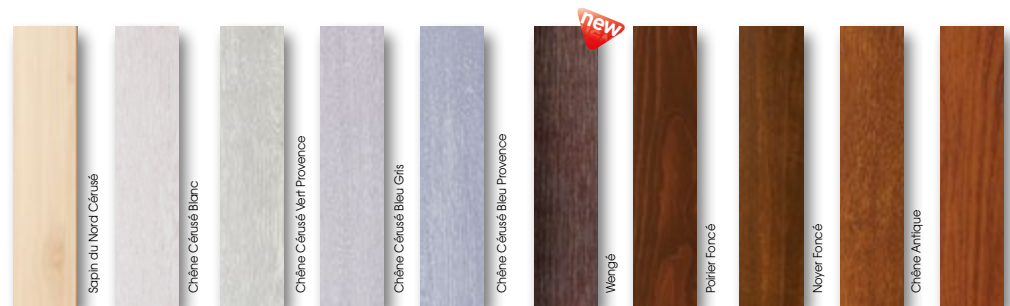
(see guarantee brochure 094-045)



Find all the beauty of noble metal finishes with a patina



A range of 26 exclusive colours with a sandy feel !



Looks like wood to please your eyes, made of aluminium so you know it's tough !

Wallis Outdoor  The Art of living...



Winner of the 2013 ArchiDesignclub trophy

Product class :
Joinery / AAS' roofs

Your approved manufacturer/installer

Alu naturally
www.profiles-systemes.com



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