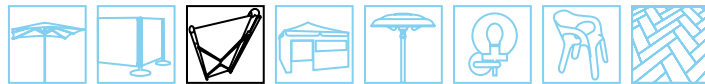


Product Guide



Overview of awnings

Markilux 1500 & 1550 folding arm awnings

- Practical and elegant sheltering solutions with standard metalwork colours in white, cream or brown.
- Gas pistioned steel folding arms allow awnings to be partially opened whilst maintaining fabric tension.
- Integrated gas piston shock absorption withstands windspeeds of 50Km/hr (Beaufort Force 5).
- Low voltage directional spotlights built into the leading edge of awning (1550 only).
- Integrated brush removes debris from fabric as awning is retracted.
- Remote and/or sun, wind or rain sensing mechanisms available.
- Maximum 3.5m extension and 6.6m single unit maximum width.
- Coupled awnings provide extended widths.



Standard Remote Control.

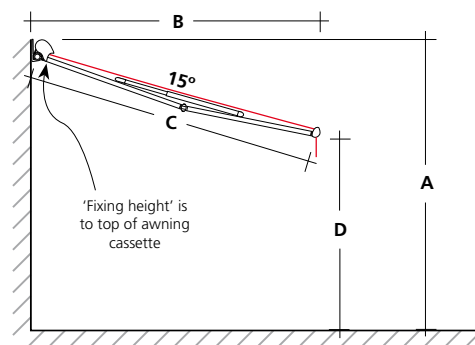


Markilux 1550 folding arm awning.



Markilux 1500 awning.

15° incline assures effective water run-off. Dimensions in metres allowing 2.2m headroom - D					
Fixing height - A	3.1	3	2.8	2.7	2.6
Projection - B	3.3	2.9	2.4	1.9	1.4
Arm length - C	3.5	3	2.5	2	1.5



Markilux 8000 & 8500 Track Awnings

- Practical, robust and self-supporting shelter.
- Awning runs on tracks and can be partially opened whilst maintaining fabric tension.
- Integrated gas piston shock absorption withstands windspeeds of 60Km/hr (Beaufort Force 6).
- Integrated brush removes debris from fabric as awning is retracted.
- Remote and/or sun, wind or rain sensing mechanisms available.
- Maximum 7m extension and 6.5m single unit maximum width.
- Coupled awnings provide extended widths
- Heating and lighting accessories for extended trading hours.

Extended 8000 track awning with integrated SmartScreens™.



Extended 8000 track awning with integrated SmartScreens™ (panels removed).



Product Guide



Drop arm awnings & victorian blinds

Drop Arm Awnings

Suitable for conservation areas and some listed buildings, wall or shopfront mounted drop arm awnings are frequently used in place of Victorian Blinds and can be manually or electrically operated. Offering a maximum 2m projection by 4m width with 2 arms/tracks (see note below), drop arm awnings utilise gas pistons to ensure optimum cover tension and can be used in windspeeds of up to 60Km/hr (Gale Force 6). The arms can pivot from a fixed position or run on vertical tracks to allow the pitch of the awning to be set as required and an integrated brush system removes debris from the fabric as it retracts.

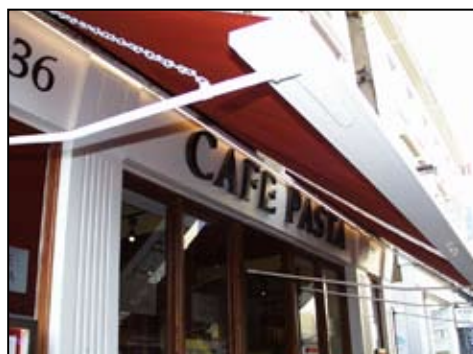
- Manual or motorised operation
- Easily branded on either or both sides
- Broad spectrum of weatherproof coloured fabrics
- Gas pistons ensure consistent fabric tension



Victorian blinds

Ideal for listed buildings or conservation areas, wall or shopfront mounted Victorian Blinds, also known as 'Butchers Blinds', are traditionally manufactured with wooden and mild steel parts, arms and slides. Available at maximum 5.8m width by 2.1m projection with 2 arms & slides (see note below) these can be conjoined for greater widths. Victorian blinds are manually opened & closed using a boat hook and the awnings arms, running on vertical slide bars that attach to the building, require man handling to set the awning. Chains secure the arms and support the weight of the extended awning.

- Manual operation only
- Easily branded on either or both sides
- Broad spectrum of weatherproof coloured fabrics
- Ideally suited to listed buildings or conservation areas



A note about drop arm awnings & victorian blinds

Drop arm awnings have limited spans and projections when compared to Victorian blinds as shown in the table below. These maximum measures allow for awnings with two slides & arms. Maximum widths of either awning type can be exceeded by introducing a third central arm and slide, which requires careful consideration. Careful consideration is also recommended where either type is proposed in locations exposed to wind. Ideally, ± 4 m fixing height should be allowed for Victorian blinds.

	Maximum width	Maximum projection
Drop arm awnings	400cm	200cm
Victorian blinds	580cm	213cm

Product Guide



Dutch blinds, butterfly & fan awnings

Dutch blinds

Wall or shopfront mounted, fixed or retractable, pull out blinds provide a continental shopfront look and are available with manual or motorised operation, offering a maximum 5m width by 2m projection/drop.

- Fixed or retractable
- Manual or motorised operation
- Easily branded on either or both sides
- Broad spectrum of weatherproof coloured fabrics



Butterfly Awnings

Essentially two back to back folding arm awnings, butterfly awnings are mounted onto freestanding goal posts where attachment to a building is not possible. Gas piston stabilization ensures wind resistance of up to 60Km/hr (Gale Force 6) whilst maintaining consistent fabric tension. With a maximum size of 8m by 6.5m, butterfly awnings can be conjoined for increased coverage and an integrated brush system removes debris from the fabric as it retracts.

- Freestanding
- Manual or motorised operation
- Easily branded on either or both sides
- Broad spectrum of weatherproof coloured fabrics



Fan Awnings

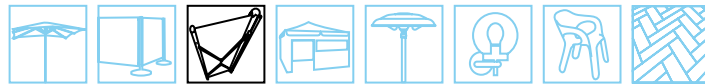
Offering a uniquely versatile solution for irregular shaped areas, single mounting point fan awnings are omni-directional and are easily re-positioned to provide effective shelter throughout the day. Operational in windspeeds of up to 60Km/hr (Gale Force 6), 2m to 4.5m radius fan awnings fold away neatly against the side of buildings or discretely beneath eaves.



Note

We also offer a wide choice of drop down and pull out blinds for interior and exterior use. Available with motorised or manual operation, roller blinds provide a maximum 5m width by 4m drop for shopfront windows and can also be used as sidesheets on enclosures and some awnings.

Product Guide



Overview of SailAwnings™



Our high specification SailAwnings™ create eye-catching additions to any establishment as well as offering practical shelters for your customers. SailAwnings™ can be statically fixed or retractable (operated either manually or electrically) and are an ideal solution for accommodating unusual shaped areas and substrates not suited to either regular awnings or parasols.

SailAwnings™ are functional in all weathers and will compliment any building. They can be employed simply for effect as they are a stylish addition to any alfresco area and enjoy the support of many UK local planning authorities, particularly in residential or conservation areas, or upon listed buildings.

- Fixed or retractable
- Retractable SailAwnings™ can be either manually or electrically operated
- Custom made to fit irregular shaped spaces, including triangular, rhomboid, parallelogramic, trapezoid & cut-around
- Available in wide choice of materials & colours
- Translucent or opaque fabrics create various ambient light levels
- Various rigging options: flat, angled or anticlastic
- Cable reinforcing & storm cornering enables large areas to be covered
- Membranes are easily printed on either or both sides
- 100% weatherproof membranes
- Option for front & side sheets
- Option of integrated heating, lighting & sound options

Fixed SailAwnings™.



2 triangular fixed SailAwnings™.



2 triangular fixed SailAwnings™.

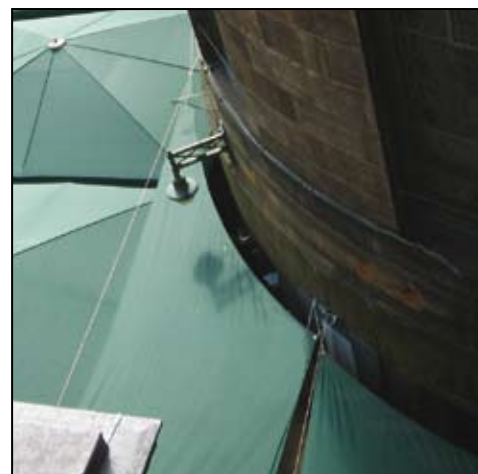
Tensioned wire with rigging screw & corner detail.



Retractable SailAwnings™ fitted to curve of building.



Retractable SailAwnings™ fitted to curve of building.



Product Guide

Festoon Awnings



Pratic Alutecnic & Tecnicwood

Since 1965 Pratic have been bringing technically advanced, high performance products with unique Italian design to the market. Series Tecnic are functional in all weathers, complimentary to any building, aesthetically pleasing in any environment and enjoy the support of many UK local planning authorities particularly in residential or conservation areas or upon listed buildings.



Tecnic is an unparalleled awning system providing effective protection from the sun, rain and wind. Sliding on lateral guides, these awnings can be closed/opened in a few seconds. Ultrasonic welding enables use of very large one piece covers (up to 90sqm) and the strong aluminium extrusions make for a durable all weatherproof retractable awning, tolerant of turbulent winds of up to 90Km/hr in 2005 wind tunnel tests, equivalent to Gale Force 9.

TecnicWood is a pergola with the awning built-in, which combines great aesthetics with advanced technology. TecnicWood uses pressurised Scandinavian pine frames with a choice of 4 stain finishes and incorporates the patent protected Tecnic awning.

AluTecnic is the all aluminium version, where a wooden structure is not required. Incorporating the patent protected Tecnic awning, this offers the same functionality as TecnicWood.

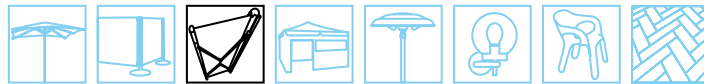
Reliability and durability make the Series Tecnic the ideal solution for leisure, licensed retail and commercial applications.

- Tolerant of turbulent winds of up to 90Km/hr, Gale Force 9.
- Flat, front-inclined or side-inclined applications.
- Wall-to-wall fitting within courtyards, alleyways etc (between fences, walls, gable ends etc).
- For fitting below existing structures (pergolas, conservatories, verandas, skylights etc).
- Wall-mounting with front support posts
- Freestanding with front and back support posts.
- Can be conjoined for almost unlimited length with 7m projection.
- Back to back structures (pitched roof style) can be conjoined for almost unlimited length with 14m projection.
- Numerous cover shapes available offering irregular, trapezoid, parallelogramic, end-scalloped and cut out (see illustration).
- Flexible support frames offer inset, offset, recessed and extended support options (see illustration).
- Various fixed, curtained, manual or motorised side & front sheets available, with or without Clearview windows.

Surface water drain-off options

1. Collected in a frontal gutter and contained to the ground via a drainpipe on 5-7m projection models inclined at 15°+ or 1-4m projection models inclined at 12°+.
2. Side drainage on flat or under-inclined awnings, via the "festooned" fabric, but not contained/ taken to the ground (containment system in development).
3. Alternate side drainage (to both sides of the awning) on flat or under-inclined awnings via the "festooned" fabric, but not contained/taken to the ground (containment system in development).

Product Guide



Festoon awnings

TecnicWood

Pratic have been designing stylish, technically advanced, high performance products since 1965. The Technic series of festoon awnings will compliment any building and due to their aesthetics, they enjoy the support of many UK local planning authorities, particularly in conservation areas and upon listed buildings.

- Manually or electrically operated pergola awnings, functional in all weathers.
- Wind tunnel tested in turbulent conditions of up to 90Km/hr (Gale Force 9).
- Suitable for flat or inclined use, with up to 7m projection.
- Numerous timber frame pergola finishes, shapes and styles available.
- Options for fixed, curtained, manual or motorised drop down side and front sheets.
- Single, coupled or back-to-back units providing upwards of 6sqm of cover.
- Heating and lighting accessories for extended trading hours.
- Suitable for Listed Buildings and Conservation areas.

65sqm motorised TecnicWood with decking.



40sqm motorised TecnicWood with wall support.



7m projection TecnicWood extended & part retracted



504sqm motorised back-to-back freestanding TecnicWood.



120sqm motorised back-to-back TecnicWood.



84sqm manual flat TecnicWood with side drain off.



AluTecnic

Built with an aluminium frame the AluTecnic has the same functionality and specifications as the above TecnicWood with a maximum projection of 6m.

147sqm motorised AluTecnic.

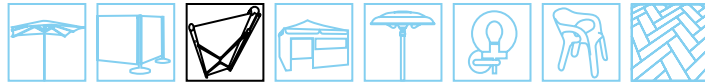


147sqm motorised AluTecnic.



Product Guide

Festoon awnings



Tecnic Specifications

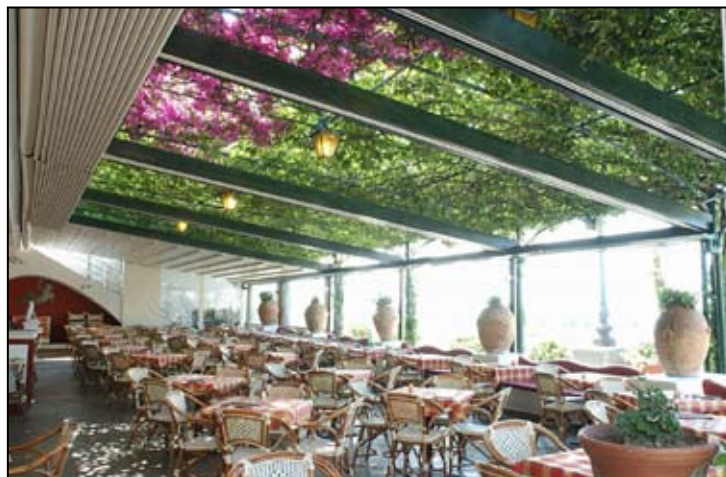
- Extruded aluminium profiles, primary alloy UNI 6060, Brinell hardness 70hb and satin RAL 9010 white or RAL 1013 ivory finished, with roofed storage compartment for the "festooned" retracted awning.
- Profile Treatment: "phosphochromatizing", improves adhesion; U.V. resistant polyester powder coating, applied according to the Qualicoat standards; finally, "tempering" heat treatment fixes the coating and improves the mechanical characteristics of the profiles.
- Stainless steel AISI 304 flasks, pins, plates and screws.
- Ball bearings with double protection retainers.
- Glass fibre reinforced nylon 6.6mm Pulleys.
- Polyurethane Driving Belts with stainless steel reinforcing strands.
- Polyamide Slides with stainless steel pins and self-lubricating Delrin rollers, working load tested on over 12,000 cycles.
- Motor driven operation recommended for two or more spans; manual "fast" 1:3 gearbox operation available for smaller models.
- Finishing: RAL 9010 white or RAL 1013 ivory aluminium profiles matching Preconstraint 602
- Fabrics: Waterproof, class 2 fire-retardant, stain-resistant, colourfast, U.V. and rot resistant.
- White or ivory waterproof Ferrari Preconstraint 602 polyester reinforced PVC shading fabric with laminated blackout core.
- Satin finished semi-translucent waterproof Ferrari Preconstraint 302 polyester reinforced PVC in 16 colours and white (without laminated blackout).

Non-standard Dolon, Orchestra & Swela Uni acrylic canvas plus Airtex, Top Gun, Swela Sunsilk polyester fabrics (& Soltis 86 or 92 polyester fabrics not guaranteed water resistant) are available but restrict product performance.

Laminated blackout core fabrics are common in Southern Europe to reduce glare and harmful UV rays plus eliminating "stain through" from tidemarks when strong sun shines through an extended awning. Naturally, debris does gather when the "festooned" fabric is extended (side drainage versions) or when an awning is retracted.

When comparing the properties of Ferrari Preconstraint to the properties of conventional acrylic (Orchestra, Dolon etc) or polyester (Sunsilk, Airtex etc) fabrics: -

- Superior tensile, sheer and tear strengths contribute to the Gale Force 9 resistance.
- Acrylic or polyester fabrics are water-resistant.
- Bonding & ultrasonic welding properties, contributing to the ability to form completely weather/waterproofed joints on large format 1 piece fabrics up to 90sqm.
- Fire retardance offers an element of burn resistance from negligently thrown cigarettes.
Semi-matt PVC finish, virtually repels surface water and affords lesser inclines for drain-off whilst offering maintenance-free "self cleaning" properties.

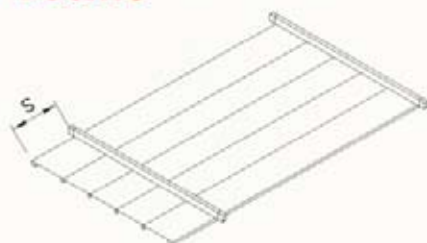


Product Guide

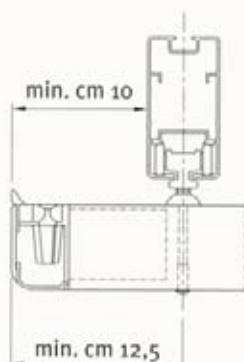
Overview of festoon awning types



Tecnic



A sbalzo
S min. cm 10



Fuori squadra
(solo senza
salvagoccia)



A sbalzo
con scanso



TecnicWood



A sbalzo



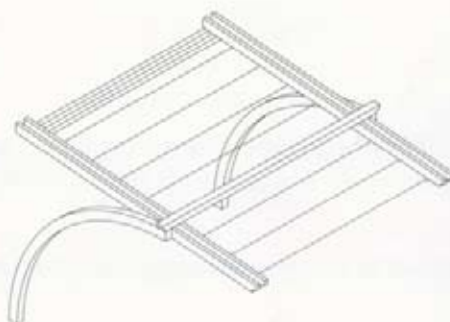
Fuori squadra



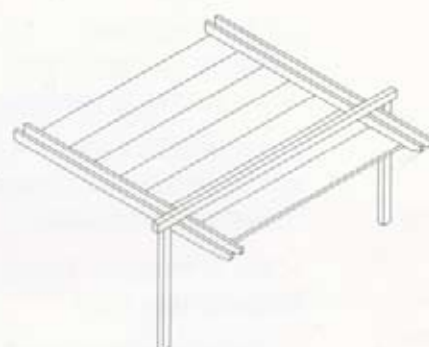
A sbalzo con scanso



TecnicWood
autoportante



TecnicWood
con montanti ad arco



TecnicWood
con copertura sporgente
rispetto ai montanti