



Lean-to Canopy

WeatherSpan® Lean-to-Canopy

The system comprises of an exceptionally strong wall mounted lightweight aluminium frame with polycarbonate roof sheets. The ingenious integral drainage system enhances the canopy's appearance.

Features and Benefits

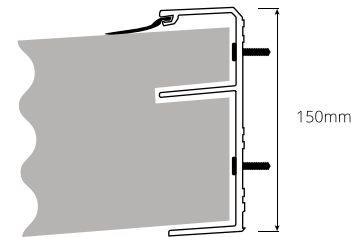
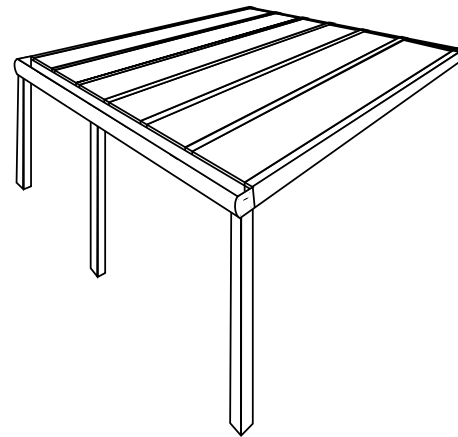
- Lightweight but strong - can be joined to buildings without exerting excessive loads.
- Integral drainage - no unsightly plastic gutters or downpipes.
- Constructed of 100% non-corrosive material.

Size Parameters:

- No maximum length
- Maximum projection from wall : 5m (6m with intermediate support posts)

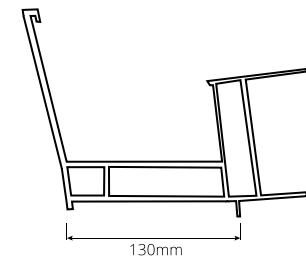
Wall Plate

Mastic joint between existing wall and wall plate as standard. Rubber seal between wall plate and polycarbonate roof.

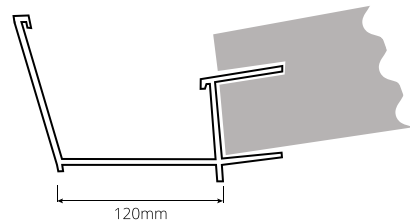


Gutter Profile

Reinforced profile (allows up to 5m span between posts)

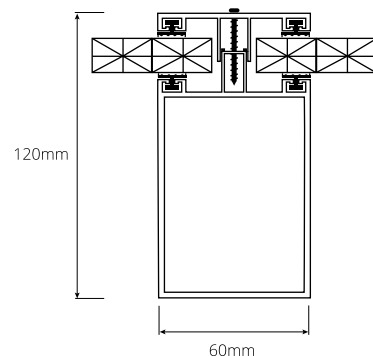


Standard profile (allows up to 3m span between posts)



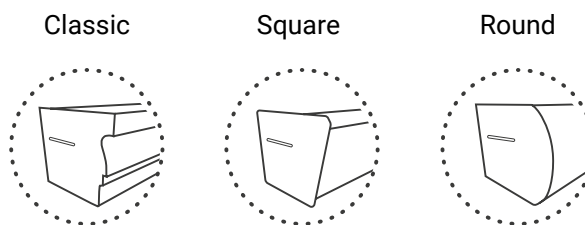
Roof Beams

Extruded aluminium roof beams spaced max 1m apart. Capping profile clamps polycarbonate roof sheets into place.

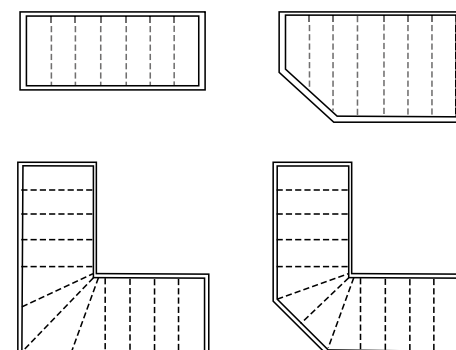


Fascia Options

Choice of fascia styles. Fascia clips on to front of gutter profile.

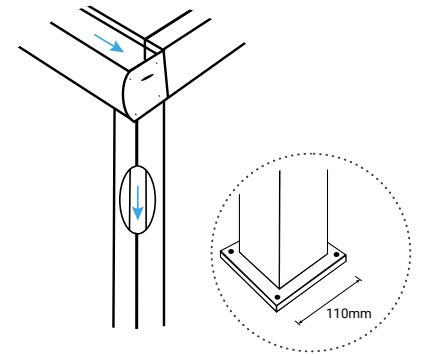


Layout Options



Integral Drainage

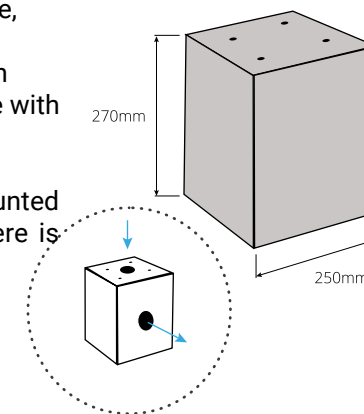
Gutter concealed behind fascia; downpipes housed inside support posts. The downpipe can exit the post at any height (e.g. to connect to water butt) or at ground level. Alternatively it can be connected to existing sub-terrain drainage network.



Foundations

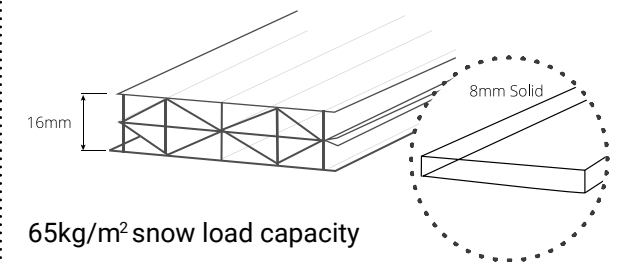
Preformed concrete pad stone. Support post bolted to padstone, and pad stone set in concrete. Where connection to sub terrain drainage is required a padstone with integral pipe can be installed.

The support posts can be mounted to timber decking provided there is sufficient support beneath.



Polycarbonate Roofing Options

16mm triple wall polycarbonate: clear or opal.
8mm solid polycarbonate: clear

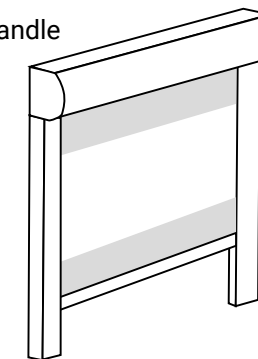


Blinds

Heavy duty external roller blinds with LightLock® fabric retention mechanism to retain fabric in side channels.

Choice of shading and water proof fabrics available including clear PVC for maximum visibility and light.

Choice of manual crank handle or motorised operation.

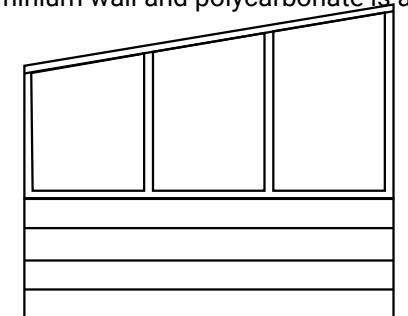


Solid Infill Panels

Aluminium wall: 150 x 25mm extruded aluminium boards slot together inside end fixed U – channels to create a screen for privacy and protection from the weather. Max recommended span between vertical posts is 4m.

Polycarbonate: 16mm triple wall or 8mm solid polycarbonate sheets housed within aluminium profiles.

A combination of aluminium wall and polycarbonate is also possible.



Lights

12v LED lights can be mounted within roof beams. All wiring concealed inside roof beams and wall plate



Basic specification wording

WeatherSpan® aluminium Lean-to Canopy with integral water drainage system. Size: length x projection (mm). Roof sheets to be [8mm solid] [16mm triple wall] polycarbonate. [Standard gutter with max 3m span between posts] or [reinforced gutter with max 5m span between posts].

Gutter fascia to be [classic] [square] [round]. Rain water downpipes integral within support posts with outlet [above ground] [below ground for connection to existing sub terrain drainage pipework]. Support posts secured to pre-formed concrete pad stones cast in concrete below ground. Aluminium frame to be powdercoated to RAL [9001 White] [9016 Cream] [7016M Anthracite] [other RAL colour].

Maintenance

Annual cleaning of roof and frame with brush and clean water is recommended. Gutters should be cleaned at least twice a year.

Life expectancy & warranty

WeatherSpan® canopies have a life expectancy of at least 20 years. The canopy carries a 10 year warranty.