

## THE MERIDIAN CANOPY - *the free-standing or lean-to kit canopy*



### Meridian canopies come in two forms:

- Lean-tos, which are physically attached to the side of a building (Meridian)
- Free-standing, which are completely independent of a building (FS Meridian)

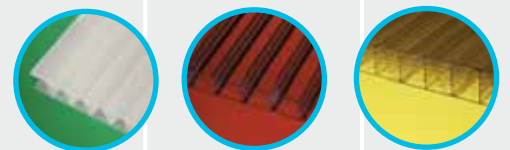
Meridian canopies are manufactured with an aluminium framework and the roof consists of Multi-Link-Panels fitted with 16mm multiwall polycarbonate glazing. This makes for a lightweight, yet extremely strong, durable and virtually maintenance-free canopy. (They will, however, benefit from a clean down every Spring with a powered water hose to keep the surface of the glazing clear from dirt and debris.) They are also easily handled and, due to the patented 'fix and link' system of the Multi-Link-Panels, are quick to install.

*Each canopy is delivered as a kit and comes complete with full installation instructions.*

These canopies can be used in:

- Schools, colleges and universities
- Hospitals
- Offices and factories
- Pubs, restaurants, hotels and social clubs
- Private houses

The Multi-Link-Panels NF that provide the roof glazing are manufactured to conform to the HSE requirements for Non-Fragile roof glazing as laid out in HSE Document HSG33. They have been tested to the ACR[M] 001:2000 Test for Fragility of Roofing Assemblies. This is a drop test designated by the HSE and these panels achieve a 'B' classification. This means you can install them with full confidence in their level of safety.



There are many different shades of multiwall polycarbonate glazing available, such as clear, bronze, opal and Venetian. Polycarbonate stops the passage of harmful UV rays, so these canopies make ideal play shelters for school children.

The aluminium frame is available as standard in white, brown or black. In addition, most standard RAL colours are also available – although choosing a non-standard colour may extend the delivery time a little.

*Meridian Canopies outside two schools*



*FS Meridian canopies positioned adjacent to schools where the buildings do not have either sufficient height, or the structure, to support a standard lean-to Meridian*





The choice between Meridian or FS Meridian depends upon the position of the canopy in relation to the building; the height of the building; and the condition of the structural wall adjacent to which the canopy is to be installed.

### The Meridian canopy

Meridian canopies are available in widths of 1.88 metres up to 3.85 metres, measured from the base of the wall to the centre of the fixing post. The standard post height is 2.2 metres and the minimum roof pitch is 10°. Posts are generally fitted at a maximum distance apart of 3 metres, although this can be extended (as a special requirement and at an additional cost).

The Meridian kit consists of posts, an eaves beam, a wall plate, Multi-Link-Panels and side trims.

### The FS Meridian canopy

The FS Meridian canopy is essentially similar in construction to the Meridian, differing only in the fact that it has a structural framework to hold the Multi-Link-Panels. The framework is manufactured from an aluminium box section that comes in component lengths. These are quickly and easily bolted together on site.

FS Meridian canopies are available in widths of 2.72 metres up to 4.69 metres, measured between the outside faces of the fixing posts. The roof glazing is fitted at a 10° pitch and there is generally a span of 4 metres between posts. Other roof pitches can be accommodated if required.

The FS Meridian kit consists of posts (front and back), framework, Multi-Link-Panels and side trims.

The Twinfix specification for canopy foundations is available upon request



*Simple 'bolt together' aluminium sections make Meridian canopies quick and easy to assemble*



*To ensure that all parts fit together properly each FS Meridian is pre-assembled in our factory prior to delivery.*

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