

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



Lean-to Meridian Canopies outside two schools.



Freestanding Meridian Canopies positioned adjacent to the schools, where the buildings do not have either sufficient height or structure to support a standard lean-to Meridian.



Meridian canopies come in two forms:-

- **Lean-to Meridian**
Lean-to, which is physically attached to the side of a building.
- **Freestanding Meridian**
Freestanding, which is completely independent of a building.

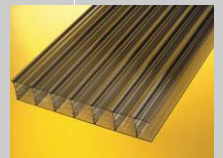
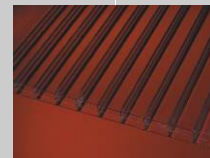
Meridian Canopies are manufactured with an aluminium framework and the roof consists of Multi-Link Panels glazed with 16mm multiwall polycarbonate sheet. This makes for a lightweight, yet extremely strong, durable and virtually maintenance-free canopy. (They will, however, benefit from a clean down every 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 HDG33. 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.



The choice between Lean-to Meridian Canopies or Freestanding Meridian Canopies 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 Lean-to 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 of 3 metres apart, although this can be extended.

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

The Freestanding Meridian Canopy

The Freestanding Meridian Canopy is essentially similar in construction to the Lean-to Meridian, differing only in the fact that it has a structural framework separate from the building 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.

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

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

The Twinfix specification for canopy foundations is available on request.



Simple 'bolt together' aluminium sections make the Freestanding Meridian Canopy quick and easy to assemble.



This Freestanding Meridian oversails the school roof at the back.



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

TWINFIX

201 Cavendish Place, Birchwood Park,
Birchwood, Warrington, WA3 6WU.

Telephone: 01925 811311
Facsimile: 01925 852955
Email: enquiries@twinfix.co.uk
www.twinfix.co.uk

As our policy is one on continuous improvement, we reserve the right to change specifications without prior notice. Any information, recommendation or advice (written or verbal) provided by Twinfix is given in good faith and to the best of our knowledge.