



MORCO Greenwich Awning

Greenwich Awning

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Greenwich Awning



The Greenwich Awning was developed by our in-house design team and is manufactured exclusively in our London Thameside workshop. The design is a modern interpretation of the classic French window coverings of the nineteenth century. The simple elegance of the Greenwich Awning with classic clean lines has made it a desirable solution for many exclusive brands.



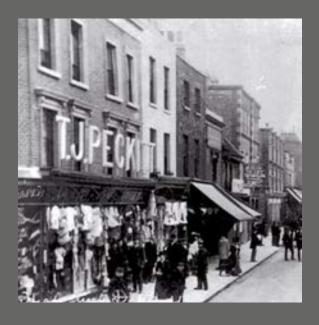


History

Morco was founded in London in 1956 by Mr G H Morrison as a specialist manufacturer of canopies, covers, sails and tarpaulins for London's busy waterways. His popularity with employees and customers saw his business grow steadily. In 1967, Morco moved to their current Riverside location on the Greenwich Peninsula. 1978 saw his son George take over the company and he was keen to put his design background to use. George soon began constructing specialist awnings on a much larger scale. With his obsessive eye for detail and quality, Morco soon gained a reputation across the UK for producing outstanding awnings.

Present Day

For over 50 years, we have established ourselves as the nation's leading design and manufacturer of custom-made awnings and canopies. We remain a family run business that prides itself on its heritage. There remains a dedicated and skilful team of craftsman and designers who all play a vital role in Morco's success story. The majority of products are still hand-built in our London workshop and a small amount are produced in Germany. Morco are keen to lead and invest heavily in pioneering new techniques or developing materials to both improve our end product and also deliver more options to our customers.









Design

Morco have a talented and experienced design team who are skilled at collaborating with architects, design teams, contractors or working independently to produce the best awning solution. We are able to provide sophisticated 3D-modelling on request, as well as supplying fabric samples. Morco also offer clients the opportunity to utilise their cutting-edge RAGS branding and pattern system which has revolutionised the traditional design parameters.



Our manufacturing team are dedicated and skilled craftsman who are proud of maintaining Morco's on-going reputation for producing awnings of outstanding build quality. Each awning is custom-made and hand-crafted, from the building of the timber box housing to sewing each individual fabric panel. Our attention to detail is second to none and is a key element in ensuring every awning manufactured in the workshop is constructed to the highest standard.









Application

The Greenwich Awning is an elegant and sophisticated solution to complete any shopfront or fascia. The Greenwich is hand-crafted and its features include a classic hardwood housing, steel-forged arms and a specially developed weather-proof fabric covering. These features give the awning a stylish, yet robust quality which is a much sought solution. The Greenwich Awning is also extremely customisable and is a preferred solution for architects and design teams for a variety of applications.



Construction

The level of craftsmanship required to produce the Greenwich Awning is second to none. We believe using quality materials is a prerequisite in producing an outstanding end product. For this reason, we use only high grade hardwood timber to manufacture the boxes that the roller is housed in. The hardwood is specially treated to offer maximum durability. All steel-forged arms and bracketry are hand-crafted to match the exact curvature of an application. In fact, every element of the Greenwich Awning is bespoke, made to fit its surroundings in shape, colour and style.







Finishing

With a wide range of timber stains, fabric colours and metal finishes available, the Greenwich Awning offers endless possibilities to suit any application. All our finishes also instil the Greenwich Awning with greater resilience and durability. The metalwork is powder coated, all timberwork is hand-treated and the cloth fabric is solution-dyed for protection. All these measures give the awning long-lasting resistance to the most demanding of weather conditions. There are also a number of colour options and finishes for the timber, a wide range of fabric options available and we are able to match metalwork to any RAL colour.



Each feature of the Greenwich Awning is customisable. The hardwood can be stained or painted to a customers required specification. Metalwork can be matched to any RAL colour and we offer a wide range of colours on acrylic canvases or other options for fabric. There is also the option of a valance or finials, that come in a number of styles. With our RAGS branding and pattern printing there are also unlimited design possibilities. With so many options, it is rare that any two Greenwich Awnings leave our workshop the same. The Greenwich Awning has three types of operation; a Soft-Gear Full Winding Control, an Electro-Smart Automated Control and fixed installations

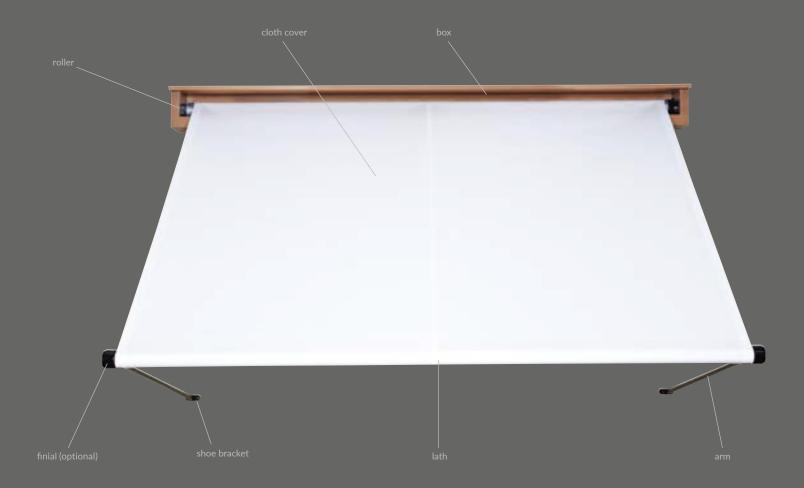






Greenwich Awning | Specification Guide

Greenwich Awning | Overview

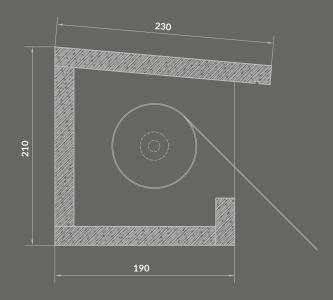


Maximum width: 6.5m

Maximum projection: 3m (subject to suitable fixing height)



Greenwich Awning | Housing Type | Exterior Fitted |

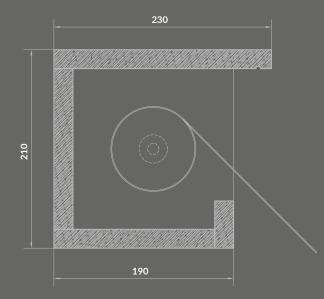


Classic Box

Dimensions: 230mm x 210mm (d x h)

Maximum width: Up to 6.5m

Fixing positions: Approximately 100mm from the ends of the box and every 1000mm along the length.



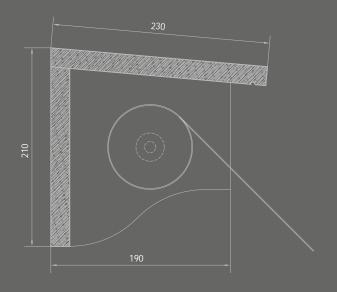
Classic Flat Top Box

Dimensions: 230mm x 210mm (d x h)

Maximum width: Up to 6.5m

Fixing positions: Approximately 100mm from the ends of the box and every 1000mm along the length.

Greenwich Awning | Housing Type | Exterior Fitted II

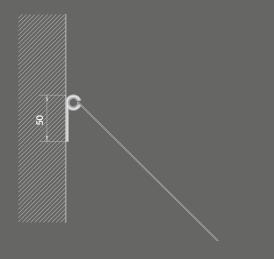


Deco Box

Dimensions: 230mm x 210mm (d x h

Maximum width: Up to 6.5m

Fixing positions: Approximately 100mm from the ends of the box and every 1000mm along the length.



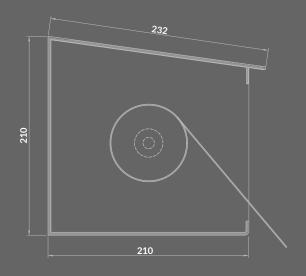
Fixing Plate

Dimensions: 50mm (w)

Maximum width: Up to 6.5m

Fixing positions: Approximately 100mm from the ends of the plate and every 600mm along the length.

Greenwich Awning | Housing Type | Exterior Fitted III

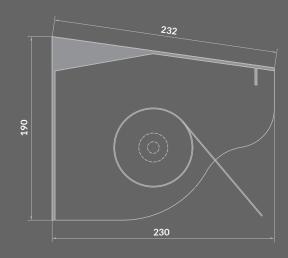


Aluminium Classic Box

Dimensions: 232mm x 210mm (d xh)

Maximum width: Up to 6.5m

Fixing positions: Approximately 100mm from the ends of the box and every 1000mm along the length.



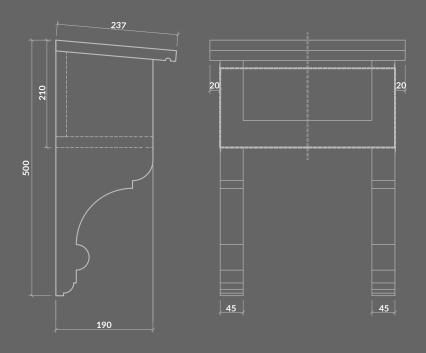
Aluminium Deco Box

Dimensions: 232mm x 190mm (d x h)

Maximum width: Un to 6.5m

Fixing positions: Approximately 100mm from the ends of the box and every 1000mm along the length.

Greenwich Awning | Housing Type | Exterior Fitted IV



Ornate Box

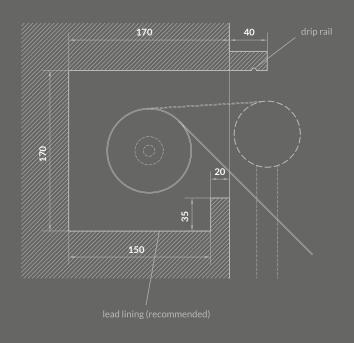
Dimensions: 237mm x 500mm (d xh)

Maximum width: Up to 6.5m

Fixing positions: Approximately 100mm from the ends of the box and every 1000mm along the length.



Greenwich Awning | Housing Type | Recess Fitted & Roller Fitted



Recess Fitted

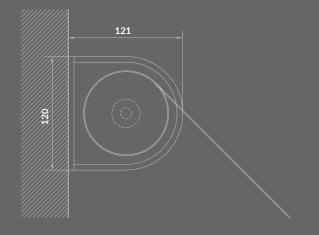
Dimensions: $170 \text{mm} \times 170 \text{mm} (d \times h)$

Width: Up to 6.5m. It is essential that the exact recess

width is provided.

Fixing positions: Roller is secured at each end of recess, which should be finished with 50mm treated

hardwood.



Roller Fitted

Dimensions: 121mm x 120mm (d x h)

Maximum width: Up to 6.5m

Fixing positions: Roller is either face or top fixed.

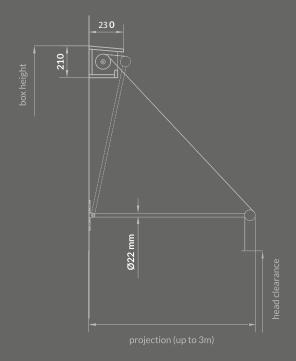


Greenwich Awning | Arm Type | Pivot Arm

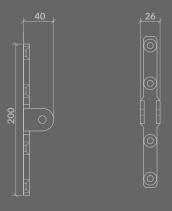
Front Elevation



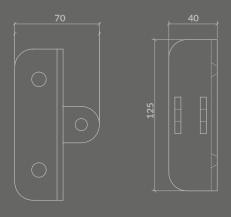
Cross Section



Face Fixed Shoe Bracket



Side Fixed Shoe Bracket



Minimum head clearance: 2.1m

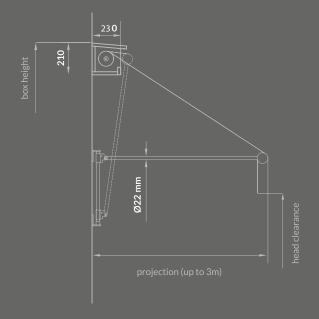
Projection: To determine the maximum projection Box height – Head clearance. If a greater projection is required a sliding arm solution must be used (see page 22).

Greenwich Awning | Arm Type | Sliding Arm

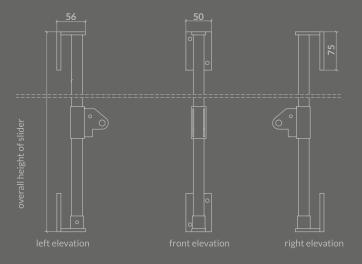
Front Flevation



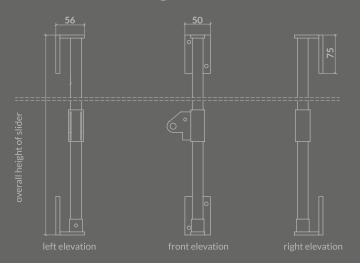
Cross Section



Face Fixed Sliding Bracket



Side Fixed Sliding Bracket



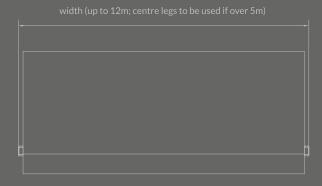
Minimum head clearance: 2.1m

Maximum projection: 3.0m

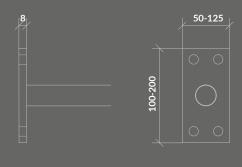


Greenwich Awning | Arm Type | Fixed Arm

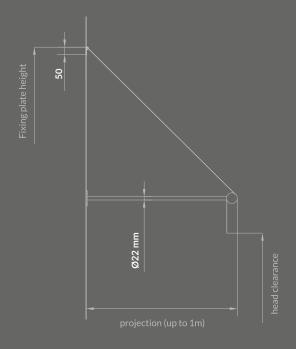
Front Flevation



Face Fixed Footplate



Cross Section



Side Fixed Footplate



Minimum head clearance: 2.1m

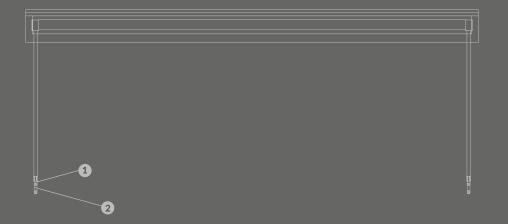
Maximum projection: 1m (Drop and projection may diffe).

Minimum pitch = 20°



Greenwich Awning | Fixing Specifications | Overview

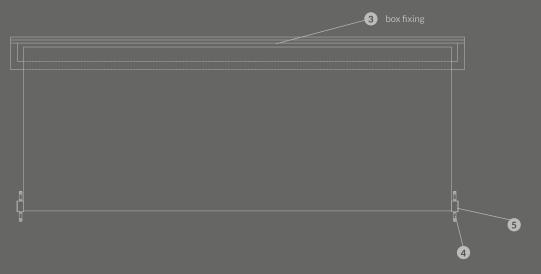
Front Elevation - Retracted



Fixing Guide

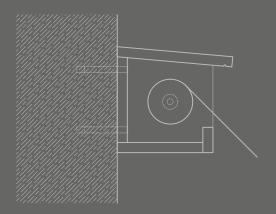
- **1:** See page 29
- **2:** M8 x 40mm blackened hex bolt with double locking nuts (must be tight).
- **3:** See page 26.
- **4:** M6x 25mm hexagon socked countersunk screw.
- 5: End cap: secured with a threaded pin.

Front Elevation - Open



Greenwich Awning | Fixing Specifications | Classic Box

Timber



Hardwood

Fixing: Coach screw

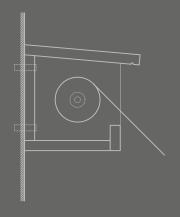
Depth: 50mm (min)

Softwood

Fixing: Coach screw

Depth: 75mm (min)

Stee



Fixing: Hex bolt
Size: M12 x 20mm

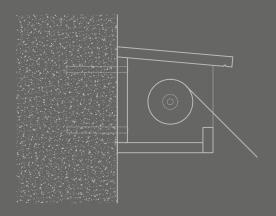
Depth: 8mm (minimum)

Fixing position:

Approximately 100mm from the ends of the box and every 1000mm along the length.

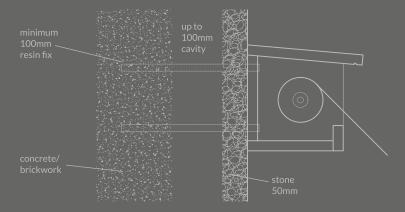
Please note: the information on this page is for guidance only. All projects to be evaluated after site visit.

Concrete/Brickwork



Fixing: Anchor bolt Size: M12 x 100mm Depth: 100mm (min)

ascia Cladding

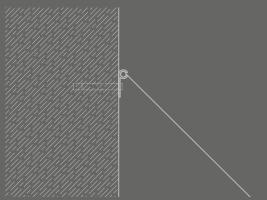


Fixing Resin halt / studding M14

Size: M14 (studding length subject to application)

Greenwich Awning | Fixing Specifications | Fixing Plate

Timber



Hardwood

Fixing: Coach screw

Size: M12 x 65mm

Depth: 50mm (min)

Softwood

Fixing: Coach screw

Depth: 75mm (min)

Fixing: Hex bol

Size: M12 x 20mm

Depth: 8mm (minimum)

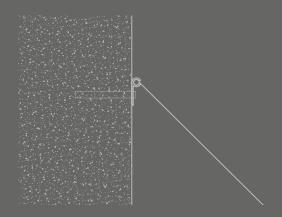
Fixing position:

Approximately 100mm from the ends of the plate and every 600mm along the length.

Either face or top fixed.

Please note: the information on this page is for guidance only. All projects to be evaluated after site visit.

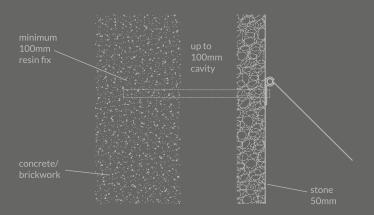
Concrete/Brickwork



Fixing: Anchor bolt **Size:** M12 x 100mm

Depth: 100mm (min)

Fascia Cladding

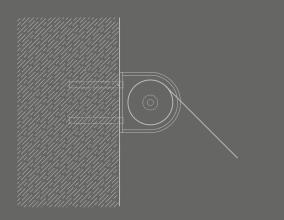


Fixing: Resin holt / studding M14

Size: M14 (studding length subject to application)

Greenwich Awning | Fixing Specifications | Roller Fitted

Timber



Hardwood

Fixing: Coach screw

Size: M12 x 65mm

Depth: 50mm (min)

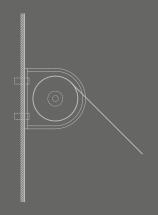
Softwood

Fixing: Coach screw

Size: M12 x 80mm

Depth: 75mm (min)

Steel



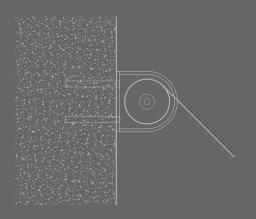
Fixing: Hex bolt

Depth: 8mm (minimum)

Fixing position: Either face

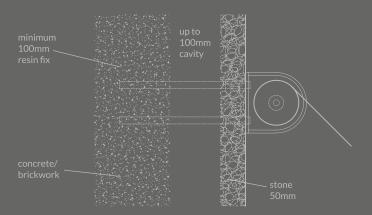
Please note: the information on this page is for guidance only. All projects to be evaluated after site visit.

Concrete/Brickwork



Fixing: Anchor bolt Size: M12 x 100mm Depth: 100mm (min)

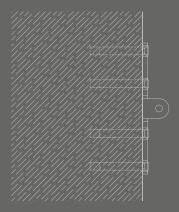
ascia Cladding



Fixing: Resin bolt / studding M14

Size: M14 (studding length subject to application)

Greenwich Awning | Fixing Specifications | Pivot Arm Shoe Bracket Fixing



Hardwood

Fixing: Coach screw

Depth: 50mm (min)

Fixing: Coach screw

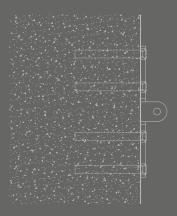
Depth: 75mm (min)



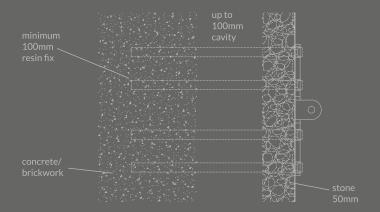
Depth: 8mm (minimum)

Fixing position: Either face or side fixed.

Please note: the information only. All projects to be evaluated after site visit.

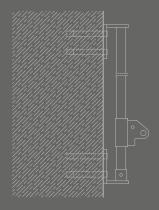


Depth: 100mm (min)



Greenwich Awning | Fixing Specifications | Sliding Arm Bracket Fixing

Timber



Hardwood

Fixing: Coach screw

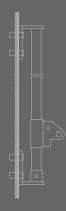
Depth: 50mm (min)

Softwood

Fixing: Coach screw

Depth: 75mm (min)

Stee



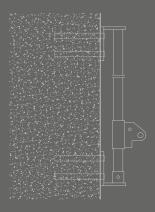
Fixing: Hex bolt

Depth: 8mm (minimum)

Fixing position: Either face or side fixed.

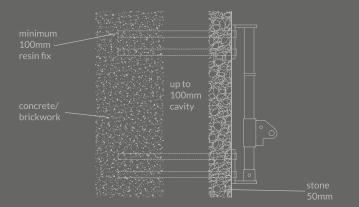
Please note: the information on this page is for guidance only. All projects to be evaluated after site visit.

Concrete/Brickwork



Fixing: Anchor bolt Size: M12 x 100mm Depth: 100mm (min)

ascia Cladding

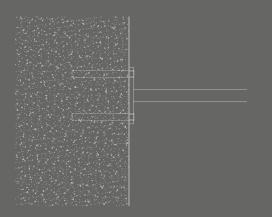


Fixing Resin holt / studding M14

Size: M14 (studding length subject to application)

Greenwich Awning | Fixing Specifications | Fixed Arm Footplate

Timber



Hardwood

Fixing: Coach screw

Size: M12 x 65mm

Depth: 50mm (min)

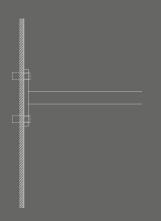
Softwood

Fixing: Coach screw

512e: 1412 x 60111111

Depth: 75mm (min)

Steel



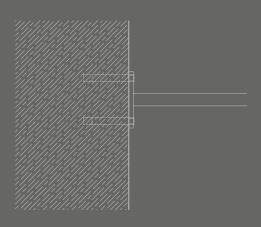
Fixing: Hex bolt
Size: M12 x 20mm

Depth: 8mm (minimum)

Fixing position: Either face or side fixed.

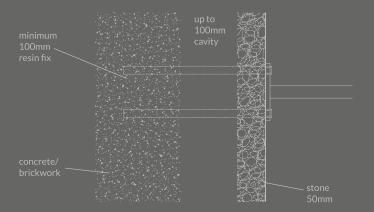
Please note: the information on this page is for guidance only. All projects to be evaluated after site visit.

Concrete/Brickwork



Fixing: Anchor bolt Size: M12 x 100mm Depth: 100mm (min)

ascia Cladding



Fixing: Resin holt / studding M14

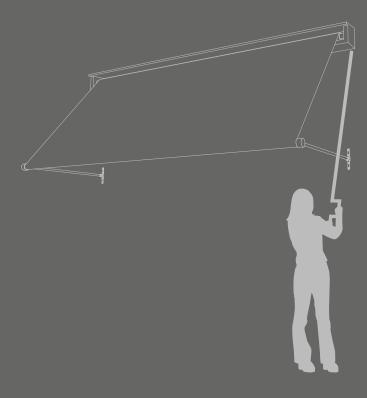
Size: M14 (studding length subject to application)





Greenwich Awning | Options | Operation I

Manual Crank

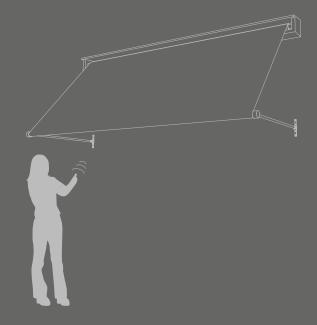


Non-retractable



Greenwich Awning | Options | Operation II

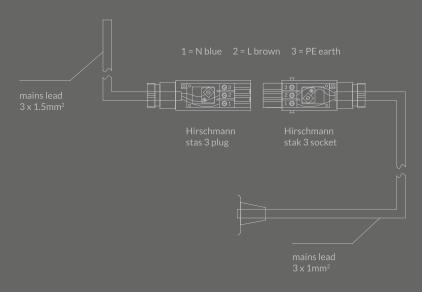
Electric operation



*RTS awning motor - Information

Category	Rating
Power supply	230 Volt AC
Current	1,5 Amps
Output	320 Watt
Protection class	IP 44
Max. operating time	Approx. 3 to 4 minutes

Wiring Diagram - Hirschmann Plug



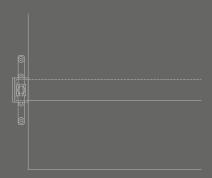
Electrical Requirements



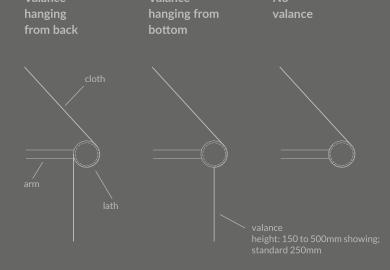
Please note: electrical pull of the awning motor is less than 3A

Greenwich Awning | Options | Valance

Front Elevation



Cross Section



Valance styles



turreted

castle

wave

scalloped

Greenwich Awning | Options |Finials

Classic



Elliptic



Acorn



Florette



Bespoke alternative finial styles are available



Greenwich Awning | Options | Branding

Logo



Text



Full pattern



Gilding





Greenwich Awning | Finishes

Greenwich Awning | Finishes | Fabric Plain



Greenwich Awning | Finishes | Fabric Plain



Greenwich Awning | Finishes | Fabric Striped



Other combinations of colours also available

Greenwich Awning | Finishes | Metalwork

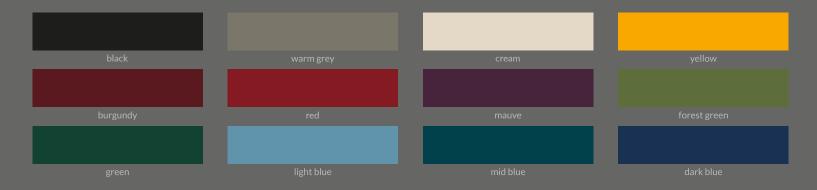


This is a selection of the most popular colours, please note, we are able to match any RAL colour.



Greenwich Awning | Finishes | Timber

Colour



This is a selection of the most popular colours, please note, we are able to match any RAL colour.

Stainer



Greenwich Awning

Contact details:

tel: +44 (0)20 8858 2083 info@morcoblinds.co.uk www.morcoawnings.co.uk

Morco Awnings Limited, Riverside, Lombard Wall, London SE7 7SS

Morco Awnings are part of the Riverside Works Group