

COMMERCIAL ROLLING SHUTTERS



Our commercial rolling shutters can be supplied with solid, perforated or punched interlocking lath sections. The panels are constructed as follows:

Curtain Construction

Interlocking lath sections formed from 20/22 swg 76 mm galvanised curved steel are secured in position by self-lubricating nylon endlocks which are located on alternate laths. A choice of **L**, **L** or **J** section bottom rails is available to meet most installation requirements.

Side Guides and Side Guide Support

The majority of shutters we install use either angle or box section steel supports. The choice is made based on both customer preference and the installation in question.

Although we mainly use 65 mm deep guide channels we do install 50mm or 75 mm if it is more appropriate.

Motor Drive Units

All commercial shutters are supplied with in-built 240v tube motors housed within a 102 mmØ 9 swg ERW steel tube. Shutters exceeding 6,000 mm in width require a stronger tube with a greater diameter to reduce any natural deflection which occurs.

The motors incorporate an emergency manual override facility for use in the event of a power failure.

Safety Brakes

All shutters which span access routes in the public domain (entrances, exits etc.) are supplied with a safety brake as standard. This is in line with industry recommendations for good working practices.

Controls

Various controls are available from 24V key switches, rocker switches, remote control units and group controls.

A single key switch is included in all installations.

Standard Finish

As standard all visible mild steel parts are prime painted silver. All of the other shutter metalwork is galvanised mild steel.

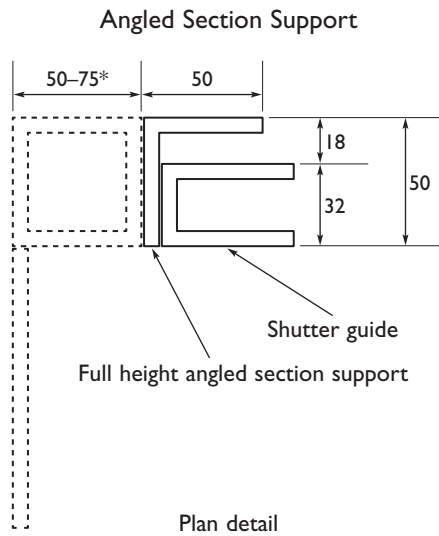
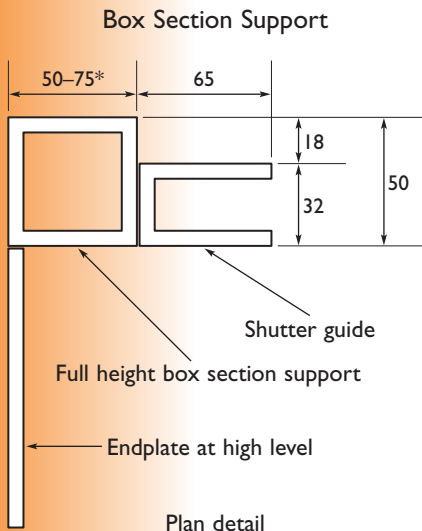
Optional Extras

Polyester powder coating can be applied in a wide range of RAL/BS colours from stock. Please check the availability of colours prior to placing an order as some colours are subject to a surcharge.

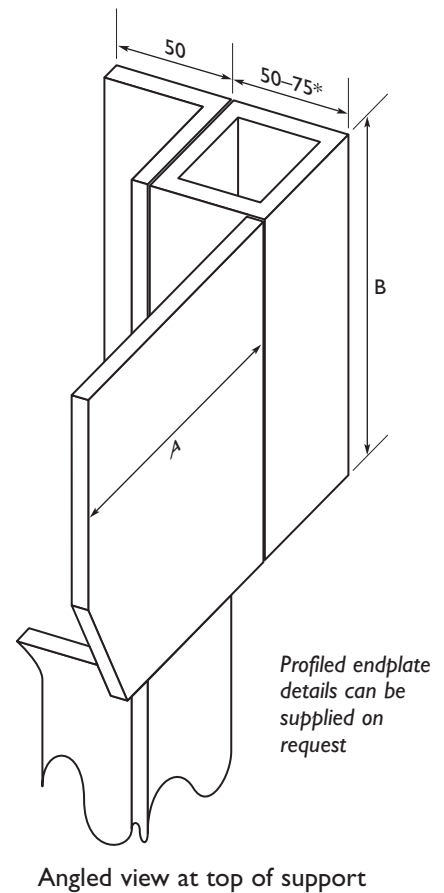
Hoods and facias can be supplied in galvanised steel to protect the rear or front of the barrel assemblies. Battery back-up systems, interlocks, photocells and safety edges can also be supplied at competitive rates.

TECHNICAL LAYOUT INFORMATION

GENERAL FIXING ARRANGEMENTS



*This dimension will vary dependant on shutter width and height



ENDPLATE SIZES

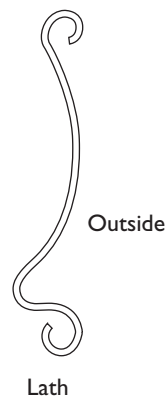
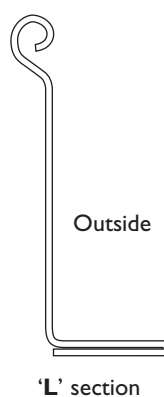
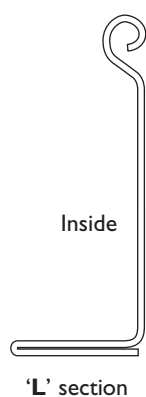
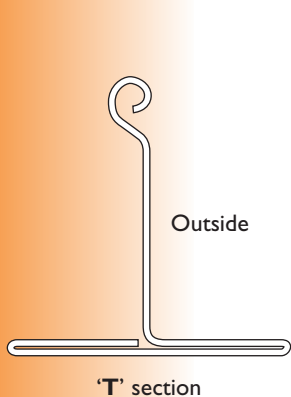
Overall Shutter Height	A	B
Up to 3000mm	255	305
Up to 3500mm	280	330
Up to 4000mm	300	350

ELECTRICAL REQUIREMENTS

We will require one single 13 amp switched spur within one metre of the motor position.

Each individual shutter will require a separate spur.

BOTTOM RAIL OPTIONS



Lath and bottom rail sections shown at approximately 50% of actual size



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