

Bolton Gate's Company's Superior electrically operated folding shutter is aptly named, being internationally accepted as the most robust shutter available. The Superior is particularly suitable for both heavily used and very large doorways on applications ranging from rapid acting fire and ambulance station doors to shipyards and aircraft hangars. Superior Doors have been tested for wind resistance and can be designed to meet onerous wind load conditions. Doors can be provided as a single or pair with the latter reducing the bunch dimension and operating twice as fast.

STANDARD SPECIFICATION

Gate Frame

Extra strength is gained from the 25mm hot rolled channel pickets interconnected by 30 x 10mm solid steel lattice bars. The gate frame is top hung from free running ball bearing pulleys connected to the pickets with zinc plated bottom guide pieces fitted at the base to run in the bottom track.

Leading edge

The high security leading edge is fabricated from steel plate and channels into a rigid box section and is fitted with handles both sides.

Shutter leaves

305mm wide x 1.2 or 1.5mm thick galvanised steel, the leaves are formed to provide a continuously interlocking weather tight installation completed by securely capped galvanised steel hinge strips.

Top Track

The 229mm deep fabricated top track incorporates two round edge runner rails ensuring smooth running of the pulleys. The motor gearbox, tensioner and adjustable limits are surface mounted for ease of access whilst the drive chain is totally enclosed to provide direct in-line transmission.

Bottom Track

Type B24 fabricated from double 51mm x 25mm hot rolled steel channels which finish flush with the floor.

Cover Plate

A galvanised steel cover plate is bolted to the top track to act as a flashing over the shutter leaves.

End Panels

Galvanised steel end panels can be provided to act as a vertical closure when the doors fit behind the opening.

Shutter Arrangements

The doors can be supplied to fix externally, internally or between jambs and can bunch to one or both sides of the opening



MAXIMUM SIZES

Singles: 20 metres wide x 15 metres high
Pairs: 40 metres wide x 15 metres high

ELECTRICAL OPERATION

Superior doors are electrically operated as standard by a 400 volt 3 phase geared brake motor operated by a constant pressure push button starter adjacent to and giving full view of the opening.

FINISH

Mainly galvanised with ungalvanised parts being prime painted. The gate frame is powder coated.

WEIGHT

Approximately 50 kgs per m².

OPTIONS

- Polyester powder coated finish in a range of standard RAL colours.
- Frequency inverters for speed adjustment and to provide a soft start / stop.
- Vision panels.
- Safety edges / photocells.

