

Bolton Gate Company's Superior sliding folding shutter door is appropriately named, being internationally accepted as the most robust shutter available.

The Bolton Superior is particularly suited for both heavily used and very large doorways.

Tested for wind resistance, the Bolton Superior is capable of withstanding the most onerous wind loading ratings including typhoon or hurricane conditions.

Available as a single door or in pairs with the latter reducing the bunch dimension and operating twice as fast.

Performance Characteristics:

- Resistance to Wind Load – Class 5 as standard
- Modified design capable of up to 3kPa

Applications Include:

From rapid acting fire, police and ambulance stations to shipyards and aircraft hangars and almost every large industrial application.



STANDARD SPECIFICATION

Operation

Bolton Superior doors are electrically operated as standard using a 400-volt nominal, 3-phase geared brake motor.

A constant pressure push button starter is provided for use adjacent to and in full view of the opening.

Gate Frame

Extra strength is gained from 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

Full height galvanised steel leaves at 305mm wide x 1.2mm or 1.5mm thick formed to a unique rigidised detail provide a continuously interlocking weather resistant 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.

Coverplate

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

End Panels

For doors face fixed behind and bunching clear of the opening a neat, weather resistant, vertical closure is provided using galvanised steel sheet end panels.

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

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 / soft start / stop.
- Vision panels.
- Safety edges / photocells.

