



Bolton Gate Company

BOLTON EUROFOLD

Industrial Sliding Folding Shutter Door

Data Sheet ref. Security 5

January 24



BOLTON EUROFOLD SPECIFICATION SUMMARY

The Bolton Gate Company Eurofold Industrial Sliding Folding Door is renowned for its outstanding strength and versatility. These features, combined with bespoke sizing, render it suitable for the most diverse range of applications.

Headroom requirements are minimal given the compact top track arrangement providing a clear advantage over standard security shutters when space is at a premium.

With single or bi-parting door arrangements, fitted internally or externally, the standard manual operation can also be enhanced with the inclusion of a flange mounted motor providing the option of an electric drive.

The Eurofold is a smooth operating durable door that will suit the smallest commercial to the largest industrial openings.

Applications Include: -

The Eurofold is used in many different applications often where headroom is limited. These sites include prisoner transit bays, loading bays, storage facilities, factories, warehouses and even TV sets (seen securing Webster's Garage on Coronation Street!).

Performance Characteristics: -

Provides a high level of security.
Resistance to Wind Load—Class 5 as standard.

Key Attributes: -

The Eurofold attributes include:

- Providing high security with integral strength and durability engineered with economy in mind but without compromise.
- Compact headroom.
- Suitability for a wide range of opening sizes all manufactured on a bespoke basis.
- Wide variety of options and fixing arrangements.
- Low maintenance requirements.



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Operation

Manual push / pull operation is provided as standard.

Gate Frame

The intrinsic strength is gained from the gate frame formed from unique double channel vertical pickets made from 1.2mm thick galvanised steel. These are interconnected by 2mm thick galvanised cold formed lattice bars arranged to operate on a lazy tongue principal.

The gate frame is suspended from a series of ball bearing pulley brackets and is guided at its base by zinc plated bottom guide pieces that engage into the bottom track.

Leading Edge

Comprising a full height galvanised steel assembly fitted to the front edge of the gate frame. This incorporates pull handles fitted to both sides and the facility to mount various locking options. Single door arrangements are provided with a steel slam astragal to engage the leading edge and provide a secure enclosure.

Shutter Leaves

Leaves are 1.2mm thick galvanised steel provided in widths at 229mm or 305mm wide. These are full height, engage into the gate frame, and are continuously interconnected with capped galvanised steel hinge strips that form into a "V" configuration. This combination provides strength and ease of operation.

Top Track

Formed from two 3mm thick x 90mm deep galvanised steel sections securely bolted together to provide head support and pulley bracket engagement. The profile design provides for smooth running and reduced friction during operation. The track is supported from the structure by a suitable bolting system, with variable packing shims to allow for adjustment.

Bottom Track

The bottom guide pieces are retained within a 3mm thick galvanised steel channel recessed into the ground.

Coverplate

Fitted to the outside face of the top track, the coverplate is formed from galvanised steel and extends beyond the throw of the shutter leaves. Support straps are provided to maintain rigidity and also deflect rainwater.

End panels

These are provided when face fixed arrangements bunch clear of the opening aperture. Closure panels are formed from galvanised steel sheet, designed to ensure that the opening is fully enclosed and resistant to prevailing weather conditions.

Shutter Arrangements

Eurofold shutters are supplied to fit internally, between or external to the opening structure. Shutters are supplied single (bunching to one side), or in a pair, i.e. bi parting, manual or, as an extra, electrically operated.

Maximum Sizes

Single: Up to 50m² (max 10m wide and 6m high).
Pair: Up to 100m² (max 20m wide and 6m high)

Please refer to 'Bolton Superior' (Data Sheet 1-1) if sizes in excess of the above required.

Finish

Mainly pre-galvanised steel and mild steel components zinc plated.

Weight

Approximately 32kgs m².

Options

Electric operation.

- Totally enclosed 400-volt, 3-phase geared motor.
- Internally mounted constant pressure push button station.

Polyester powder coat in a range of standard RAL colours.

Vision panels.

Alternative locking.

Variety of fixing arrangements.

To specify this product please state:

Bolton Eurofold shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

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