



Bolton Gate Company

Data Sheet ref. Security 1

Jan 26

## SECROLL SECURITY SHUTTERS

SR1, SR2 and SR3 LPCB Approved Security Rated  
Roller Shutters



### SECROLL SECURITY SHUTTERS

#### SPECIFICATION SUMMARY

Bolton Gate offer a complete range of Security Rated options from SR1 through to SR5 rating. The latest addition to our portfolio, are the SecRoll Security Roller Shutters offering A1, B3 & C5 security classifications equivalent to SR1, SR2 & SR3 respectively.

Providing a choice of ratings, these bespoke high security rolling shutters manufactured here in the UK are designed to provide flexibility for our Clients with a wide range of opening sizes and specification options including thermal and acoustic capabilities.

We are proud to confirm that our security shutters are registered in the BRE Global 'Red Book Live' confirming our products have been rigorously tested, assessed and approved by LPCB (Loss Prevention Certification Board) and that also the same high standard and quality production is maintained through the process of regular audits.

#### Applications include:

The SecRoll is used in many varied applications where authentic security rated products are an important design consideration such as retail outlets, art galleries, studios, infrastructure and utility sites alongside government defence projects.

#### Performance Characteristics:

LPS1175 Issue 7 security standards—SR1, SR2 & SR3 options.  
Resistance to Wind—Class 5  
Options for:  
Thermal Resistance – 1.1W /( $m^2K$ ) at centre / 3.2W/( $m^2K$ ) at quirks  
Sound Reduction – 18dB Rw (BS EN ISO 10140-2:2010 – Measurements of Airborne Sound Insulation)

#### Key Attributes:

LPS 1175 Approved Security Rating.  
High wind load capability.  
Can provide both thermal and acoustic properties.  
Bespoke manufacture to suit individual opening sizes



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C5 Rated SecRoll SR3

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**Operation****Tubular Motor**

- To suit 230-volt nominal, 1 phase supply.
- External safety brake.
- Low level keyswitch

**Direct Drive Motor**

- To suit 400-volt nominal, 3 phase supply
- Integrated safety brake.
- Open, close, stop push buttons within low level control panel

In the event of power failure a manual override is provided.

**Arrangement**

Internally face fixed to brick, block, concrete or steel.

**Curtain**

The shutter curtain is constructed using continuously interlocked 100mm deep galvanised steel foam bonded laths complete with reinforced steel endlocks.

**Bottom Rail**

A fabricated galvanised steel bottom rail is provided complete with rubber weather seal.

**Side Guides**

Vertical side guides are formed from rolled galvanised steel in a double rebate profile and fitted with twin brush strips. A full height mounting channel complete with protector shroud is provided for fixing to the structure at a minimum 50mm setback.

**Locking**

A pair of side guide mounted pin locks are provided. Over 3500mm clear width, a centrally mounted ground lock (complete with padlock) is also provided (2no if >7000mm).

**To specify this product please state:**

**SecRoll SR3 Security Shutters** shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

**Tel:** 01204 871001;

**E-mail:** [sales@boltongate.co.uk](mailto:sales@boltongate.co.uk) **Web:** [www.boltongate.co.uk](http://www.boltongate.co.uk)

**Roller**

The roller is constructed from seamless steel tube of adequate diameter to resist deflection and held in bearings attached to the endplates.

**Endplates**

Formed using prime painted mild steel of thickness to suit the respective opening size.

**Casings**

A galvanised steel coil casing and motor casing are provided as standard to close off the operating mechanism and complete the aesthetic appearance of the door. On the tubular motor system, the coil casing is a more compact chamfered design.

**Finish**

Galvanised steel is the default finish but please refer to Options below for alternatives.

**Size Parameters**

Minimum 1m wide x 1m high

Maximum 10m wide x 10m high (Direct drive motor)  
7m wide x 4m high (Tube motor)

**Weight**

Varies with opening size dependent on lath/barrel/casing requirements but approximately 45kgs/m<sup>2</sup>.

**Options**

- Polyester powder coat finish.
- Plastisol finish to curtain, remaining components with a polyester powder coat finish.



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B3 Rated SecRoll SR2

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**Operation**

## Tubular Motor

- To suit 230-volt nominal, 1 phase supply.
- External safety brake.
- Low level keyswitch

## Direct Drive Motor

- To suit 400-volt nominal, 3 phase supply
- Integrated safety brake.
- Open, close, stop push buttons within low level control panel

In the event of power failure a manual override is provided.

**Arrangement**

Internally face fixed to timber, brick, block, concrete or steel.  
(i.e. flexible and rigid structures)

**Curtain options**

- 100mm galvanised steel insulated laths or
- 76mm galvanised single skin lath.

Secured by steel endlocks

**Bottom Rail**

A bottom rail is provided specifically to suit each curtain option complete with rubber weather seal.

**Side Guides**

Vertical side guides are formed from rolled galvanised steel in a single or double rebate profile. Brush strips are fitted for the insulated curtain. A full height mounting channel is provided for fixing to the structure at a minimum 50mm setback.

**Locking**

A pair of side guide mounted pin locks are provided.  
Over 5000mm clear width, a centrally mounted ground lock (complete with padlock) is also provided.

**To specify this product please state:**

**SecRoll SR2 Security Shutters** shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

**Tel:** 01204 871001;

**E-mail:** [sales@boltongate.co.uk](mailto:sales@boltongate.co.uk) **Web:** [www.boltongate.co.uk](http://www.boltongate.co.uk)

**Roller**

The roller is constructed from seamless steel tube of adequate diameter to resist deflection and held in bearings attached to the endplates.

**Endplates**

Formed using prime painted mild steel of thickness to suit the respective opening size.

**Casings**

A galvanised steel coil casing and motor casing are provided as standard to close off the operating mechanism and complete the aesthetic appearance of the door.  
On the tubular motor system, the coil casing is a more compact chamfered design.

**Finish**

Galvanised steel is the default finish but please refer to Options below for alternatives.

**Size Parameters**

Minimum 1m wide x 1m high  
Maximum 7m wide x 7m high (Insulated lath)  
9m wide x 9m high (Single skin lath)  
7m wide x 4m high (Tube motor)

**Weight**

Varies with opening size dependent on lath/barrel/casing requirements but approximately 45kgs/m<sup>2</sup>.

**Options**

- Polyester powder coat finish.
- Plastisol finish to curtain, remaining components with a polyester powder coat finish.



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## A1 RATED (SR1) SECROLL SECURITY SHUTTERS

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A1 Rated SecRoll SR1

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### Operation

Tubular Motor

- To suit 230-volt nominal, 1 phase supply.
- External safety brake.
- Low level keyswitch

Direct Drive Motor

- To suit 400-volt nominal, 3 phase supply
- Integrated safety brake.
- Open, close, stop push buttons within low level control panel

In the event of power failure a manual override is provided.

### Arrangement

Internally face fixed to timber, brick, block, concrete or steel.  
(i.e. flexible and rigid structures)

### Curtain options

The shutter curtain is constructed using continuously interlocked 95mm deep galvanised steel foam bonded laths complete with plastic endlocks.

### Bottom Rail

An extruded aluminium bottom rail is provided complete with rubber weather seal.

### Side Guides

Vertical side guides are formed from rolled galvanised steel in a double rebate profile and fitted with twin brush strips. A full height mounting channel complete with protector shroud is provided for fixing to the structure at a minimum 50mm setback.

### Locking

A pair of side guide mounted pin locks are provided.

### Roller

The roller is constructed from seamless steel tube of adequate diameter to resist deflection and held in bearings attached to the endplates.

### Endplates

Formed using prime painted mild steel of thickness to suit the respective opening size.

### Casings

A galvanised steel coil casing and motor casing are provided as standard to close off the operating mechanism and complete the aesthetic appearance of the door. On the tubular motor system, the coil casing is a more compact chamfered design.

### Finish

Galvanised steel is the default finish but please refer to Options below for alternatives.

### Size Parameters

Minimum 1m wide x 1m high  
Maximum 7m wide x 7m high (Direct drive motor)  
7m wide x 4m high (Tube motor)

### Weight

Varies with opening size dependent on lath/barrel/casing requirements but approximately 45kgs/m<sup>2</sup>.

### Options

- Polyester powder coat finish.
- Plastisol finish to curtain, remaining components with a polyester powder coat finish.

### To specify this product please state:

**SecRoll SR1 Security Shutters** shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

**Tel:** 01204 871001;

**E-mail:** [sales@boltongate.co.uk](mailto:sales@boltongate.co.uk) **Web:** [www.boltongate.co.uk](http://www.boltongate.co.uk)