Armourguard Security Shutters

Model C1

Technical Specifications

HAG

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Armourguard Security Shutters Model C1

A best seller due to its versatility. It offers a high level of security. Available in many design variations to suit specific site requirements. The 76 mm curved galvanised steel sections are available in 3 thicknesses dependant on security requirements. Manual or electrical operation. Recommended maximum width 10,000 mm.

Product Overview

Description

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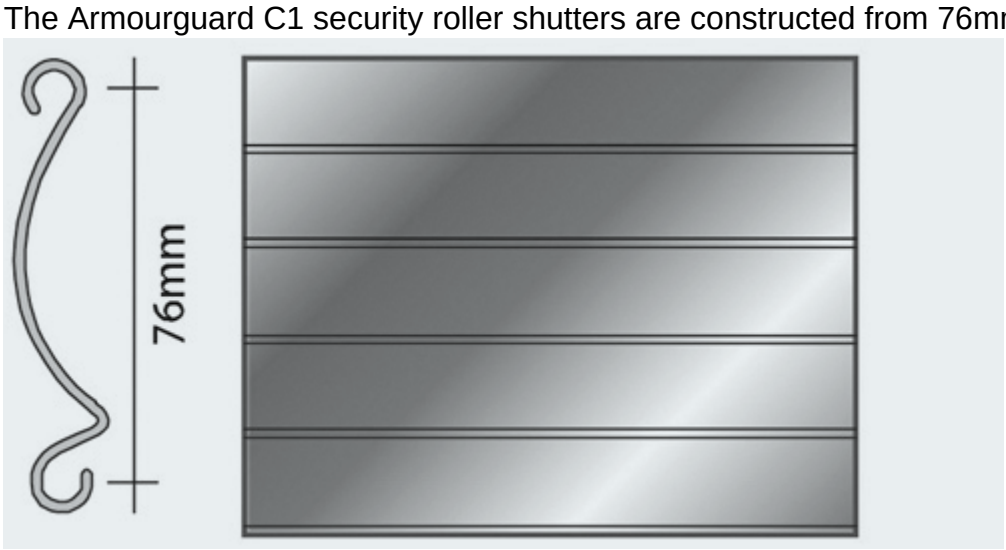
The Armourguard C1 security roller shutters are constructed from 76mm Curved, galvanised solid 22 gauge lath.



Common use

Range from shop front security roller shutters to industrial roller shutter doors

Maximum Width

10000 mm

Dimensions

Normally 76 mm x 0.71 mm

Weight

9.34 kg per square metre

Finish

Galvanised bright rolled mild steel, polyester powder coat colours are available.

Shutter Box Specification

Construction

0.91 mm bright spangle galvanised pressed steel coil casing available in various different designs to suit individual circumstances.

Box sizes

Overall height (top of box)	Commercial Industrial
Up to 2050 mm box size	254 mm 355 +
Up to 2800 mm box size	305 mm 355 +
Up to 3500 mm box size	355 mm 355 +

Please note industrial shutters have different size plates/boxes

On widths exceeding box sizes may move up one size due to deflection

Finish

Galvanised steel standard, polyester powder coat colours are available.

Guide Rail Specification

Construction

Standard guide rails: 38 mm x 32 mm x 3 mm – 100 mm x 32 mm x 3 mm dependant on width. Electric shutters require a 50 mm x 50 mm steel box section (both sides) used to allow for motor unit and safety brake. A 76 mm x 50 mm box section will be used for shutters over 160 kg in weight (5000 mm x 3200 mm approximately).

Finish

Galvanised steel standard polyester powder coat colours are available.

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Operational Specification

Spring Loaded

A counter balanced spring ensures controlled raising and lowering with a key lock in-built at the bottom of the shutter for security.

Single Phase Electric

A tubular motor within the barrel assembly with limit switches and thermal cut out to prevent overheating. Draw 240 volts and 0.5 – 2.5 amps dependant upon the shutter size. Provision of a 13 amp fused spur is required for installation.

Three Phase Electric

Design of this model will alter for three phase operation.
Electrical requirements are dependant on usage, further details on request.

Override

A manual override is included to operate the shutter in the event of a power failure. This is usually operable from one side only.

Hand Chain Operation (Industrial)

A counter balanced helical spring controlled via hand chain and chain lock to secure.

Control

Standard security key switch or rocker switch. Other controls are available on request.

Product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering. HAG operates a policy of continuous improvement.