

Alishield N3M

Technical Specifications



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Alishield N3M



An aluminium roller shutter grille that delivers a medium level of security for internal and external use. Choose from in line or brick designs with a mill finish. Powder coating and anodised finishes available upon request and the choice of spring loaded or electrical operation. Recommended maximum width up to 8,000mm.

Product Overview

Description

The Alishield N3M roller shutter is constructed from a heavy Duty Lath, 89mm Flat punched single skin aluminium lath, with 260mm x 45mm apertures.

Common use

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Shopfront security shutters and applications where vision is required through the roller shutter doors.

Maximum Width

8000mm

Dimensions

Normally 89mm x 1.5mm

Weight

8.5kg per square metre (10kg per square metre inclusive of polycarbonate)

Finish

Mill finish as standard, Polyester powder coat colours and anodised finishes are available.

Shutter Box Specification

Construction

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

Box sizes

Overall height (top of box)

Up to 1500mm box size 254mm

Up to 2500mm box size 305mm

Up to 3500mm box size 355mm

Finish

Galvanised steel standard, polyester powder coat colours are available.

Guide Rail Specification

Construction

Standard guide rails are 75mm x 38mm x 3mm Aluminium with brush seal others available on request. Electric shutters require a 50mm x 50mm steel box section (both sides) used to allow for motor unit and safety brake. A 76mm x 50mm box section will be used for shutters over 160kg in weight (5000mm x 3200mm approximately).

Finish

Galvanised steel as standard but polyester powder coat colours are available at an additional cost.

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.

Override

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

Control

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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.
