# Armourguard Through Vision Shutters Model P2

## Technical Specifications

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# Armourguard Through Vision Shutters Model P2

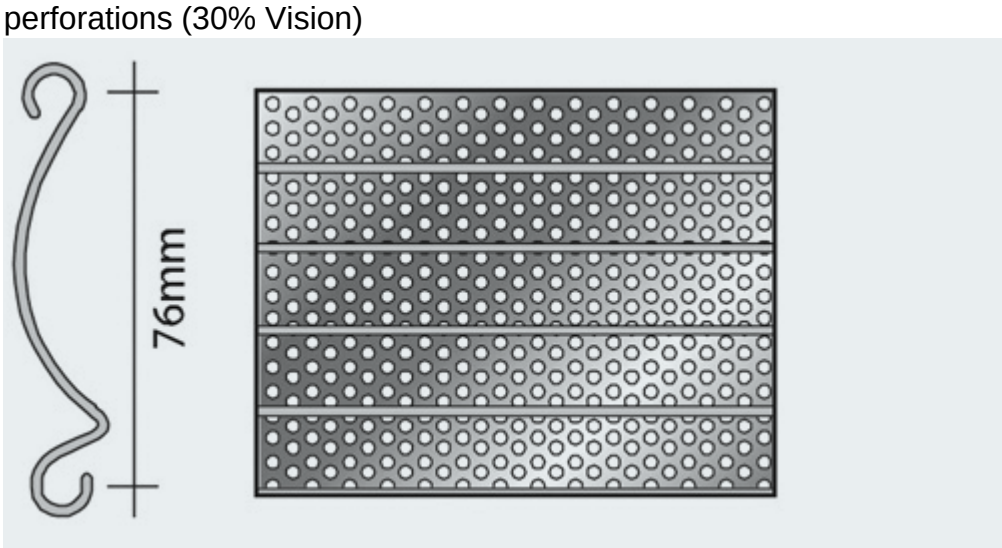
The Model P2 delivers a high level of security whilst providing 30% through vision and a degree of ventilation via 3.5 mm perforated holes.  Laths from 0.9 mm galvanised steel. Manual or electric operation, with various control options depending on specification. Galvanised steel standard finish or powder coating. Recommended maximum width 10,000 mm.  Ideal for shop, bars and kiosks.

## Product Overview

# Armourguard Through Vision Shutters Model P2

## Description

The Armourguard P2 roller shutters are constructed from 76mm Curved, galvanised 20 gauge lath with 3.5mm perforations (30% Vision)




## Common use

Kiosk, Bars, shop fronts security shutter & car parks roller shutter doors where vision or ventilation is required

## Maximum Width

10000mm

## Dimensions

Normally 76mm x 0.91mm

## Weight

10kg per square metre

## Finish

Galvanised bright rolled mild steel.polyester powder coat colours 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 2050mm box size 254mm
Up to 2800mm box size 305mm
Up to 3500mm box size 355mm
On large widths 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: 38mm x 32mm x 3mm – 100mm x 32mm x 3mm dependant on width. 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

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Galvanised steel standard polyester powder coat colours are available.

## 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 only Operable from only one side.

### 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.**