

Armourguard Range P2

Technical Specifications



www.hag.co.uk
Advice Line 0800 072 3444

Armourguard Range P2



What is it made from

The Armourguard range offers all-steel construction.

Typical Uses or Specific Use

Typical uses range from Shop front Security to Industrial Door.

Security Level

Medium to high security dependant on model specification.

Benefit of product range

Capable of spanning up to 10000mm in width, The Armourguard range can offer flexibility by combining multiple models to alter ventilation and visual appearance.

For further information about this product please call the HAG advice line on 0800 072 3444 or email info@hag.co.uk

Armourguard Range P2



Product Overview

Description

Armourguard P2, 76mm Curved, galvanised 20 gauge lath with 3.5mm perforations (30% Vision)

Common use

Kiosk, Bars, shop fronts & Car parks where vision or ventilation is required

Maximum Width

10000mm

Dimensions

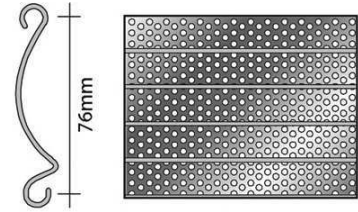
Normally 76mm x 0.91mm

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

Galvanised steel standard polyester powder coat colours are available.

Armourguard Range P2



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.

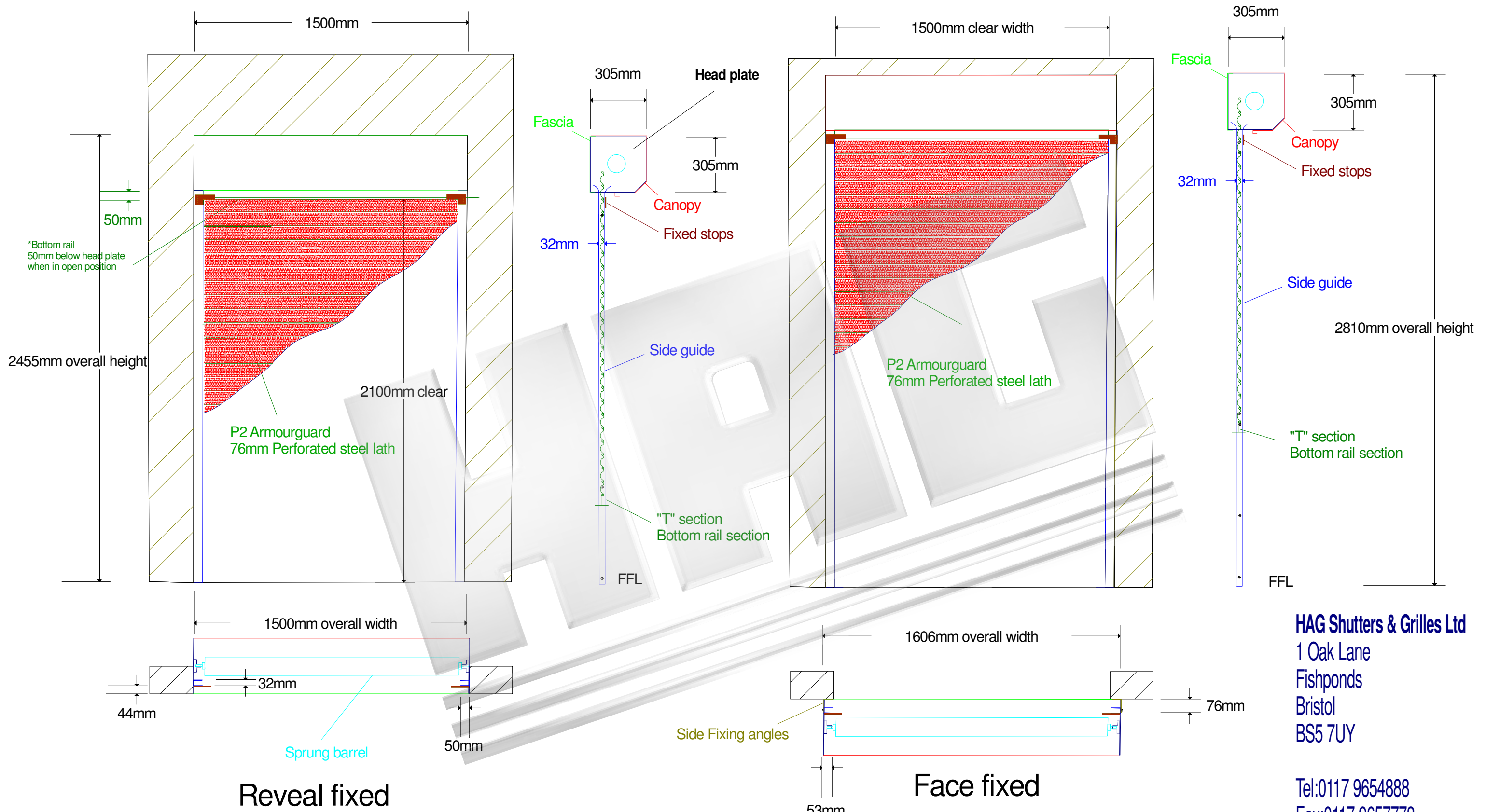
Control

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.

Visit our website for more information on HAG Roller Shutters www.hag.co.uk/roller-shutters.html

For further information about this product please call the HAG advice line on 0800 072 3444 or email info@hag.co.uk



HAG Shutters & Grilles Ltd
 1 Oak Lane
 Fishponds
 Bristol
 BS5 7UY

Tel:0117 9654888
 Fax:0117 9657773
www.hag.co.uk
info@hag.co.uk

Disclaimer
 HAG operates a policy of continuous improvements, product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering.

Product: P2 Armourguard
Operation: Manual Spring & lock
Fixing: Reveal fixed or Face fixed
Finish: Galvanised

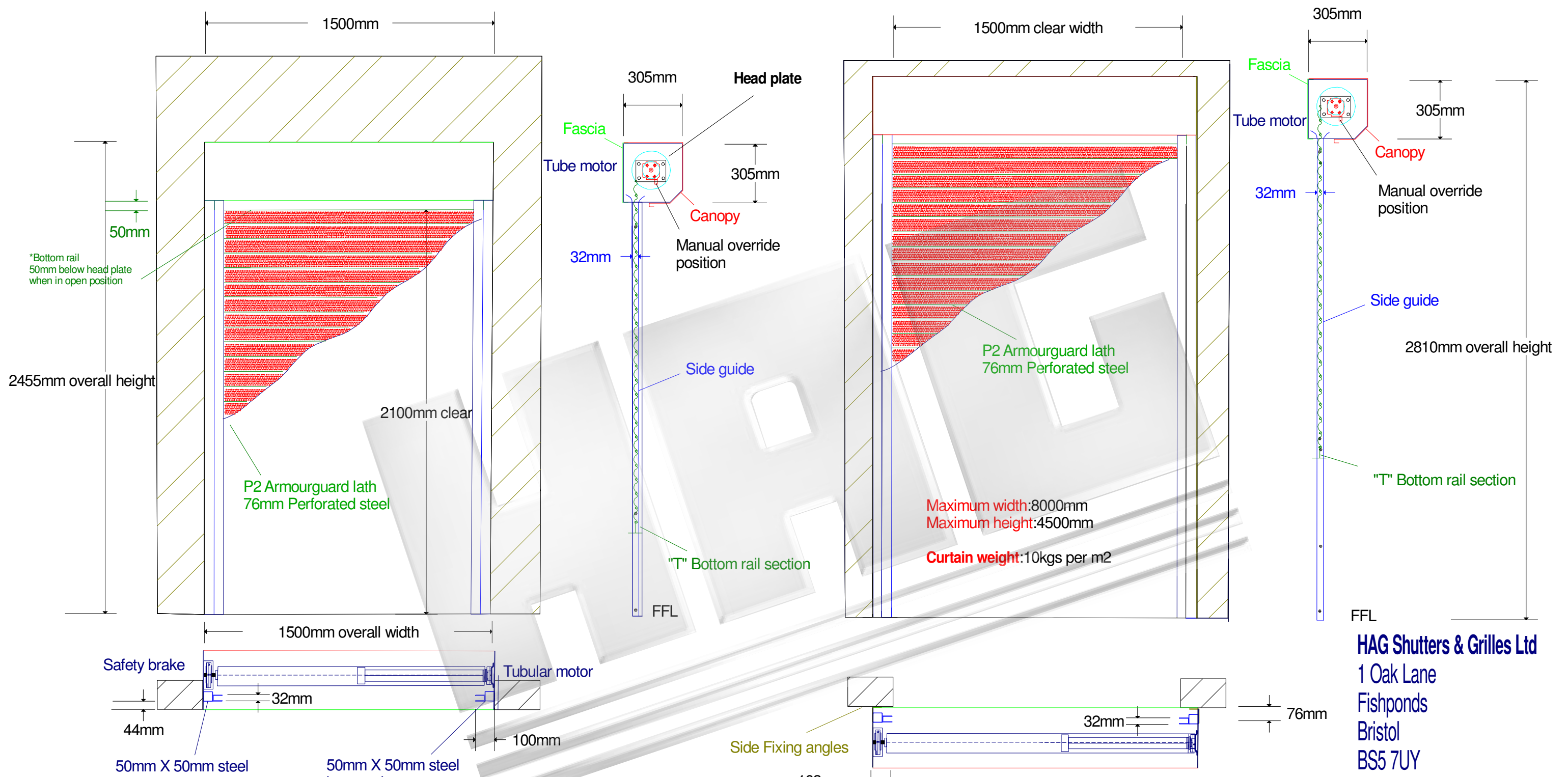
Scale: 1:20 @ A3

Head plate sizes:
 Overall height: Upto 2000mm Head plate = 254mm
 Overall height: Upto 3000mm Head plate = 305mm
 Overall height: Upto 3500mm Head plate = 355mm

Minimum Side guide requirements:
 Overall width: Upto 1400mm Guide = 38mm X 32mm
 Overall width: Upto 3000mm Guide = 50mm X 32mm

Maximum width: 2850mm
Maximum height: 3500mm
Curtain weight: 10kgs per m²

Installation & Space requirements for standard manual shutter



Reveal fixed

Face fixed

- Product:** P2 Armourguard Perforated
- Operation:** Single phase tube motor with override
- Operator:** security keyswitch
- Power requirements:** 13amp fused spur within 1 metre of opening
- Fixing:** Reveal fixed or Face fixed
- Finish:** Galvanised

- Head plate sizes:**
- Overall height: Upto 2000mm Head plate = 254mm
 - Overall height: Upto 3000mm Head plate = 305mm
 - Overall height: Upto 3500mm Head plate = 355mm
 - Overall height: Upto 4000mm Head plate = 375mm
 - Overall height: Upto 4500mm Head plate = 400mm
- Minimum Side guide requirements:**
- Overall width: Upto 1400mm Guide = 38mm X 32mm Box section = 50mm
 - Overall width: Upto 3000mm Guide = 50mm X 32mm Box section = 50mm
 - Overall width: Upto 4000mm Guide = 63mm X 32mm Box section = 50mm
 - Overall width: Upto 5000mm Guide = 63mm X 32mm Box section = 76mm
 - Overall width: Upto 7000mm Guide = 76mm X 32mm Box section = 76mm
 - Overall width: Upto 8000mm Guide = 100mm X 32mm Box section = 76mm

Maximum width: 8000mm
 Maximum height: 4500mm
 Curtain weight: 10kgs per m2

HAG Shutters & Grilles Ltd
 1 Oak Lane
 Fishponds
 Bristol
 BS5 7UY

Tel: 0117 9654888
 Fax: 0117 9657773
www.hag.co.uk
info@hag.co.uk

Disclaimer
 HAG operates a policy of continuous improvements, product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering.

Installation & Space requirements for standard Electric shutter

Scale: 1:20 @ A3