

# Armourguard Range N2S

## Technical Specifications



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Advice Line 0800 072 3444

# Armourguard Range N2S



## 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 8000mm in width, The Armourguard range can offer flexibility by combining multiple models to alter ventilation and visual appearance.

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# Armourguard Range N2S



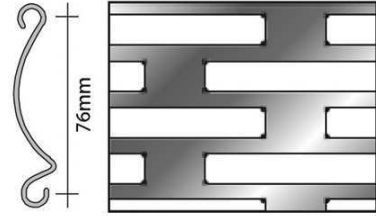
## Product Overview

### Description

Armourguard N2 Standard, 76mm Curved Galvanised 22 gauge lath with 150mmx50mmx45mm pitch apertures in a choice of Brick Bond” or “Inline” pattern. A full curtain of N2S will provide 25% air flow.

### Common use

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



### Maximum Width

8000mm

### Dimensions

Normally 50mm x 0.71mm

### Weight

12kg 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) Commercial Industrial

Up to 2050mm box size 254mm 355+

Up to 2800mm box size 305mm 355+

Up to 3500mm box size 355mm 355+

Please note industrial shutters have different size plates/boxes

On large widths exceeding 5000mm box size 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.

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# Armourguard Range N2S



## 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.

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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.

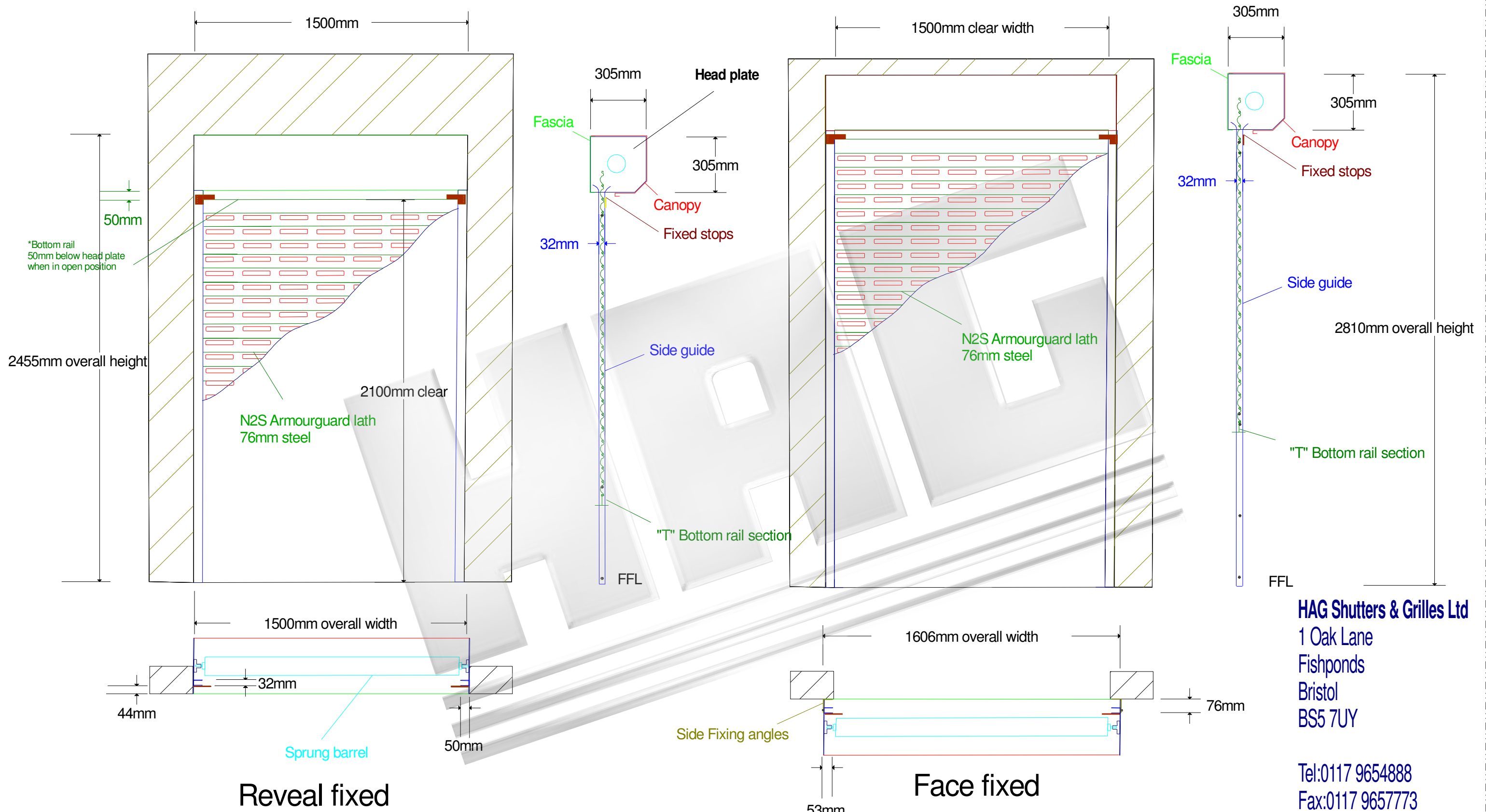
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Visit our website for more information on HAG Roller Shutters [www.hag.co.uk/roller-shutters.html](http://www.hag.co.uk/roller-shutters.html)

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Maximum width:2850mm  
 Maximum height:3500mm  
 Curtain weight:8kgs per m2

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

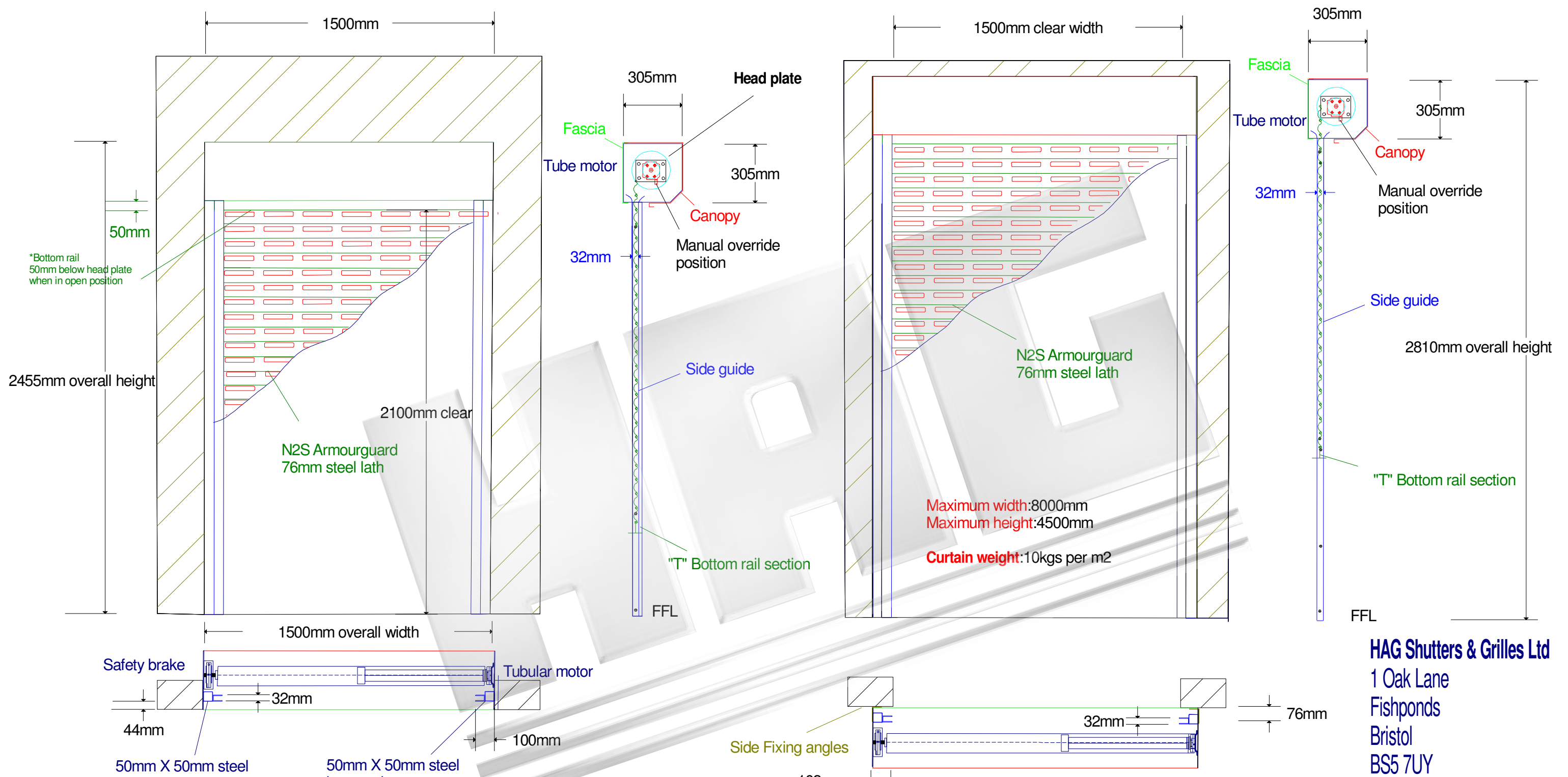
**Minimum Side guide requirements:**  
 Overall width:Upto 1400mm Guide = 38mm X 32mm  
 Overall width:Upto 3000mm Guide = 50mm X 32mm

**Product:**N2S (In line Style) Armourguard  
**Operation:**Manual Spring & lock  
**Fixing:**Reveal fixed or Face fixed  
**Finish:**Galvanised

Scale:1:20 @ A3

**Installation & Space requirements for standard manual shutter**





**Reveal fixed**

**Face fixed**

- 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

- Product:** N2S Armourguard  
**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

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

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**Installation & Space requirements for standard Electric shutter**

Scale: 1:20 @ A3