

Armourguard Range C1

Technical Specifications



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Advice Line 0800 072 3444

Armourguard Range C1



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 C1



Product Overview

Description

Armourguard C1, 76mm Curved, galvanised solid 22 gauge lath

Common use

Range from Shop front Security to Industrial Doors

Maximum Width

10000mm

Dimensions

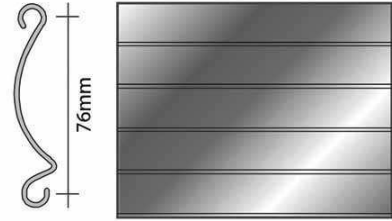
Normally 76mm x 0.71mm

Weight

9.34 kg 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 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: 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 C1



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.

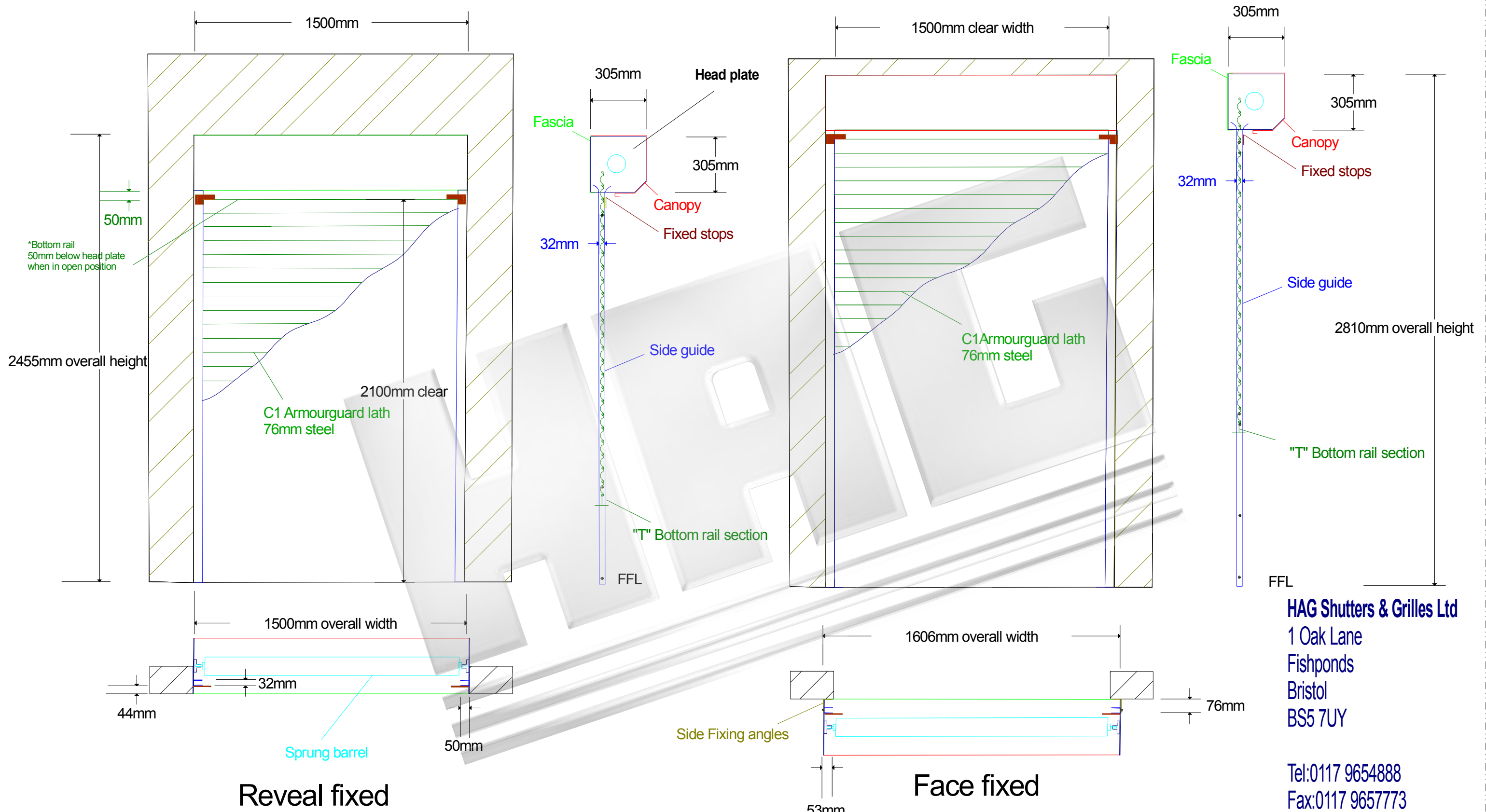
Control

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

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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

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

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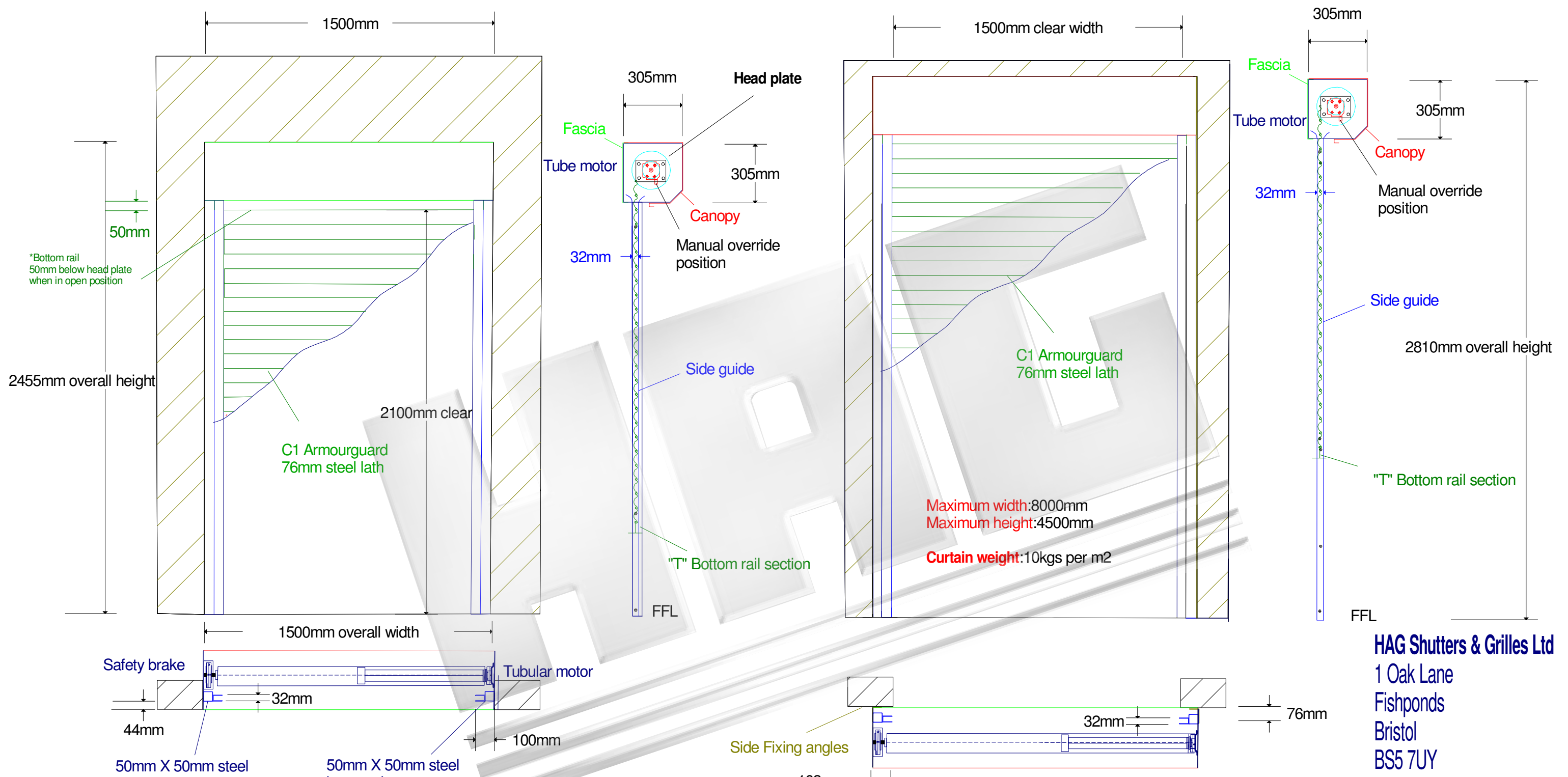
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Installation & Space requirements for standard manual shutter

Product: C1 Armourguard
Operation: Manual Spring & lock
Fixing: Reveal fixed or Face fixed
Finish: Galvanised

Scale: 1:20 @ A3



Reveal fixed

Face fixed

Product: C1 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

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

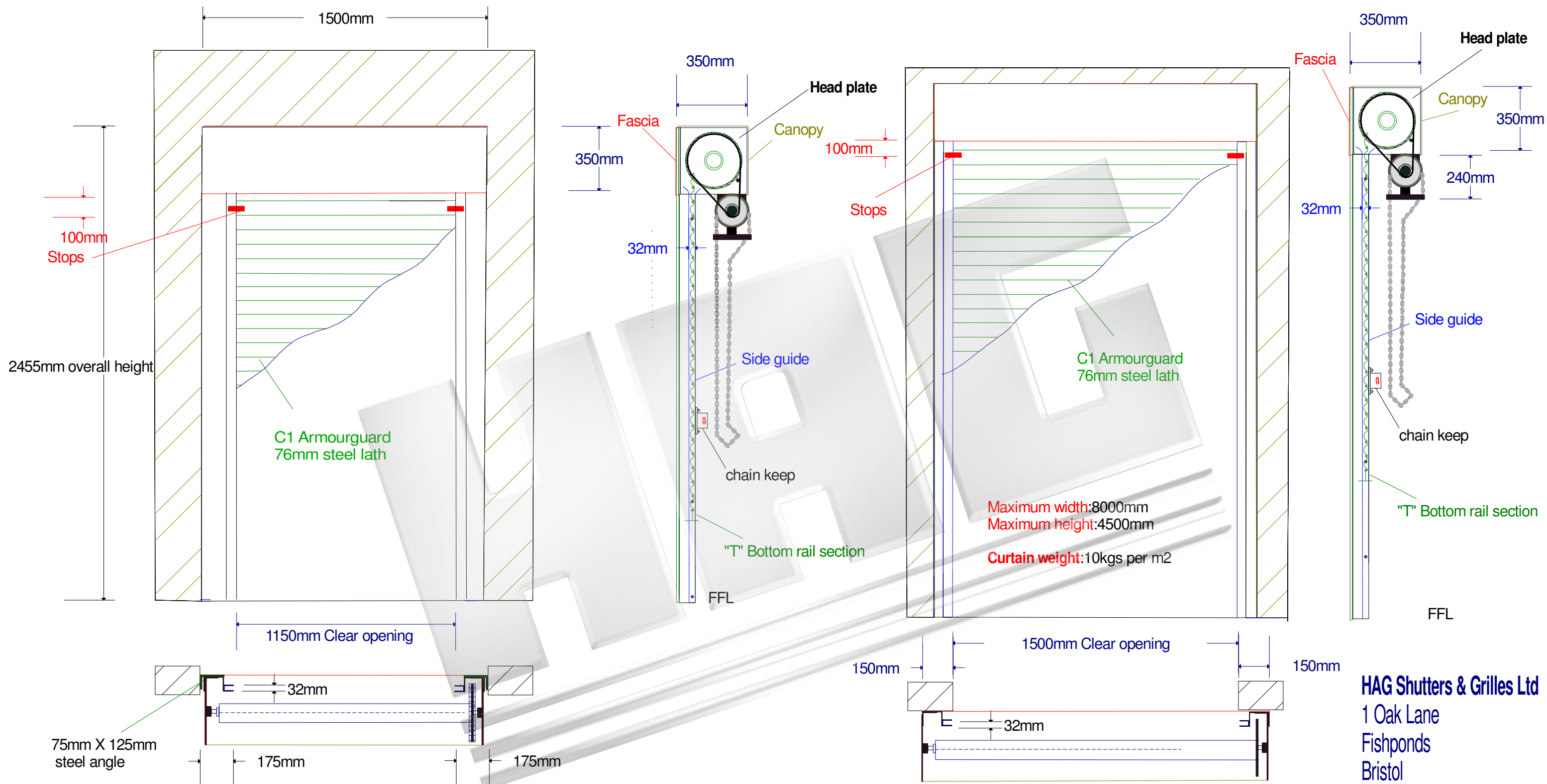
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Installation & Space requirements for standard Electric shutter

Scale: 1:20 @ A3



Product: C1 Armourguard
Operation: Chain operated
Operator: Haul chain
Fixing: Reveal fixed or Face fixed
Finish: Galvanised

Reveal fixed

Head plate sizes:
 Overall height: Upto 3500mm Head plate = 350mm
 Overall height: Upto 4000mm Head plate = 375mm
 Overall height: Upto 4500mm Head plate = 400mm

Minimum Side guide requirements:
 Overall width: Upto 3000mm Guide = 50mm X 32mm
 Overall width: Upto 4000mm Guide = 63mm X 32mm
 Overall width: Upto 5000mm Guide = 63mm X 32mm
 Overall width: Upto 7000mm Guide = 76mm X 32mm
 Overall width: Upto 8000mm Guide = 100mm X 32mm

Face fixed

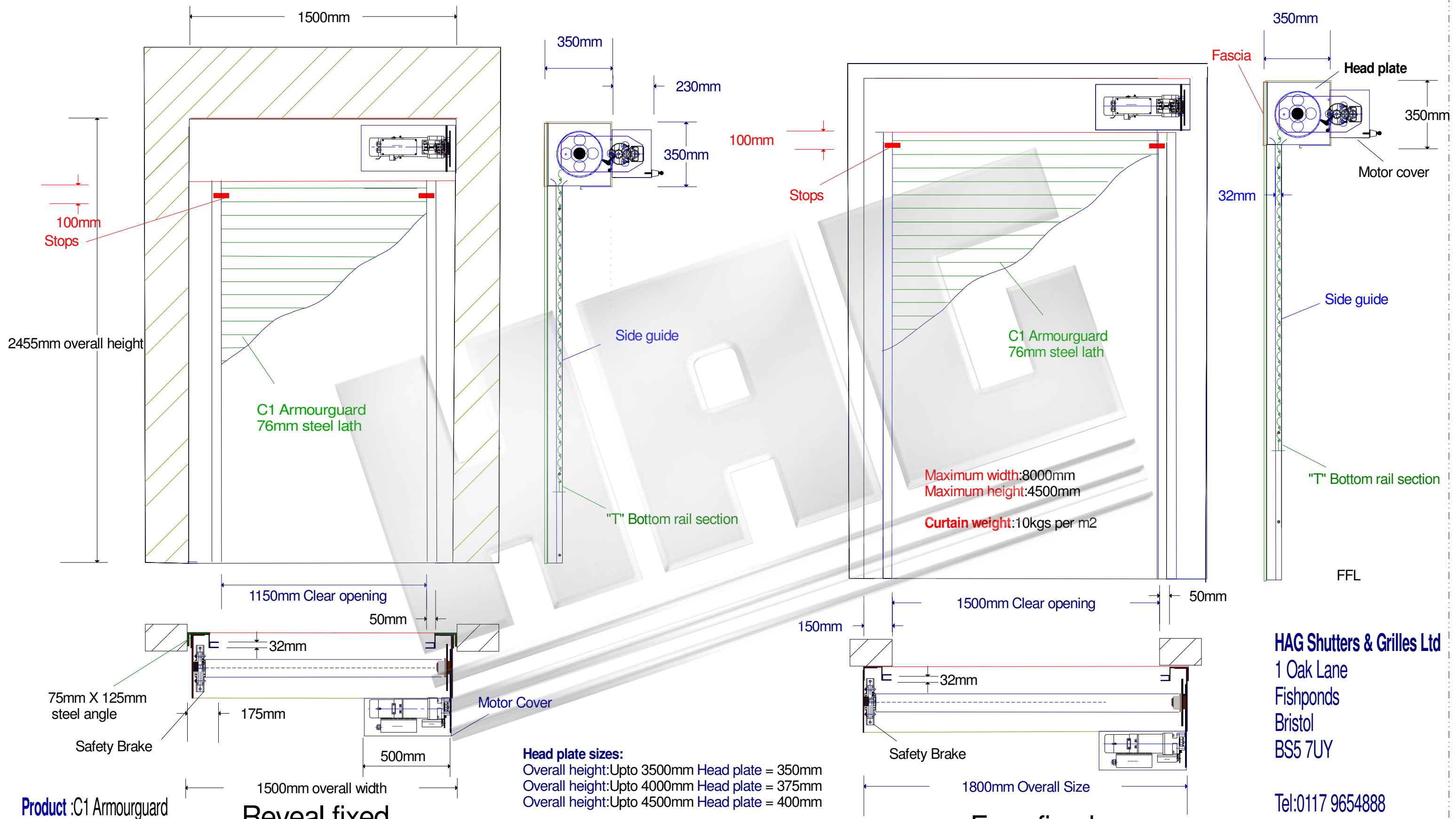
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Installation & Space requirements for standard Chain operated shutter

Scale: 1:20 @ A3



Product: C1 Armourguard
Operation: 1 or 3 phase electric
Operator: Push button Control, Chain override
Fixing: Reveal fixed or Face fixed
Finish: Galvanised

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Installation & Space requirements for standard Industrial Electric shutter

Scale: 1:20 @ A3