

ECONOMY RANGE INDUSTRIAL ROLLER SHUTTER RANGE



ECO-HCG

MAX SIZE OF 4.5M X 4.5M

EASE OF REPAIR

COST EFFECTIVE

RANGE OE OPTIONAL EXTRAS

GUARDIANS ECO-HCG - This range of roller shutter doors are purposely designed for industrial useage where insulation is not a requirement. They are constructed from galvanised steel with a minimum of 22 gauge. They can be manually operated up to a size of 4.5m x 4.5m or electrically operated via single or 3 phase motors

The ECO-HCG is the hand chain gear operated model from the range. As standard it is locked via a chain keep, although additional locking is available.

IMAGE INFORMATION - SHOWN HERE IS THE ECO-HCG MODEL ROLLER SHUTTER

L20 DOORS / SHUTTERS / HATCHES

610 ROLLER SHUTTER

Product reference: GUARDIAN ECO RANGE - ECO-HCG MODEL

Performance: Not applicable **Arrangement:** Vertical roller shutter

A multipurpose steel vertically operated roller shutter available with either solid punched or perforated curtain.

Dimensions:

Opening height up to 4000mm, opening width up to 4000mm.

Shutter weight: 35 kg/m² of door opening.

Curtain

Constructed from 75mm galvanized cold rolled scroll sections of suitable gauge, each alternate lath is fitted with a steel or nylon end lock to prevent lateral movement and wind anchor locks on larger doors.

Curtain Modification

Perforations 2 mm O/D

Punchings 119mm w x 19 mm h $\,$ Brick bond - Inline Punchings 152mm w x 25 mm h $\,$ Brick bond - Inline Punchings 150mm w x 38 mm h $\,$ Brick bond - Inline

Bottom Ra

The base of the curtain is fitted with a steel angle reinforcing rail of adequate size forming an inverted 'T'.

Side Guides

Formed from cold rolled mild steel channel sections secured to the opening structure by full height mild steel fixing angles.

Roller Assembly

Constructed from mild steel tube fitted with counterbalance high tensile helical springs, mounted on bright steel shafts running in ball races, reduction drive gearing where applicable is by machine cut steel gears or chain drive to suit the size of the opening.

Endplates

The roller assembly is supported by mild steel endplates with mounting angles for fixing to the support structure.

Roller Enclosure (optional extra)

Formed from galvanised pressed sheet metal to enclose the rear of the shutter barrel and curtain assembly. **Operation**

HCG MODEL - Manual Hand chain - connected to reduction gearing system.

Finish

Galvanised and primed ready to paint, Or powder coated to any standard BS or RAL number

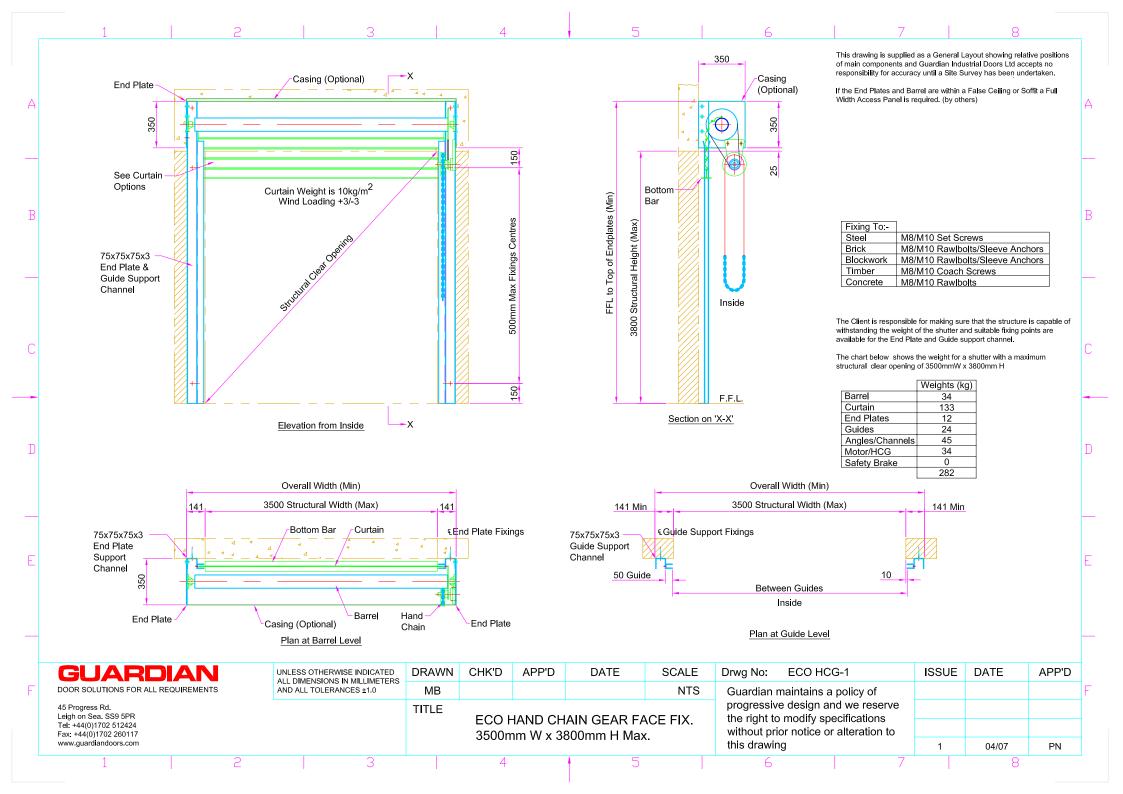
Consult with Guardian Industrial Doors Ltd technical literature for details. Guardian Doors can also provide a design and specification advisory service and it is recommended that they are consulted early in the design process.

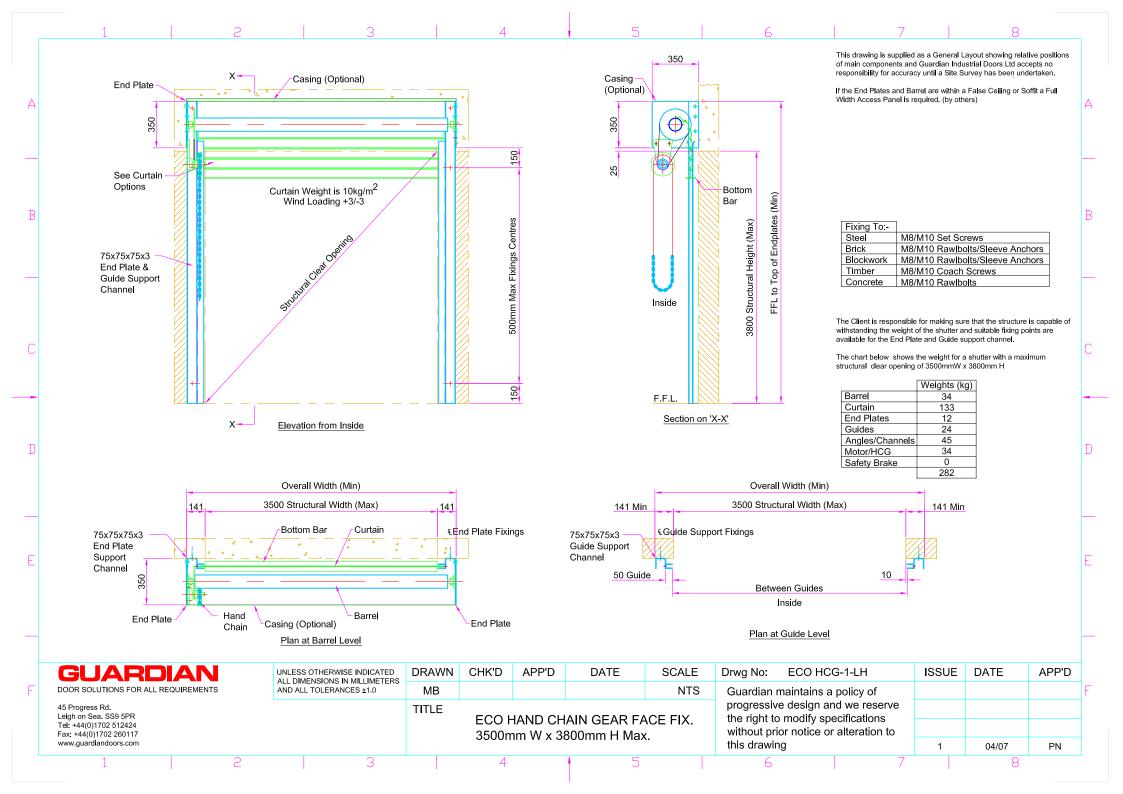
Manufacturer: GUARDIAN INDUSTRIAL DOORS 45 Progress Road Leigh On Sea Essex, SS9 5PR Tel: 01702 512424. Fax: 01702 510015. Email: mail@guardiandoors.com Web: www.guardiandoors.com

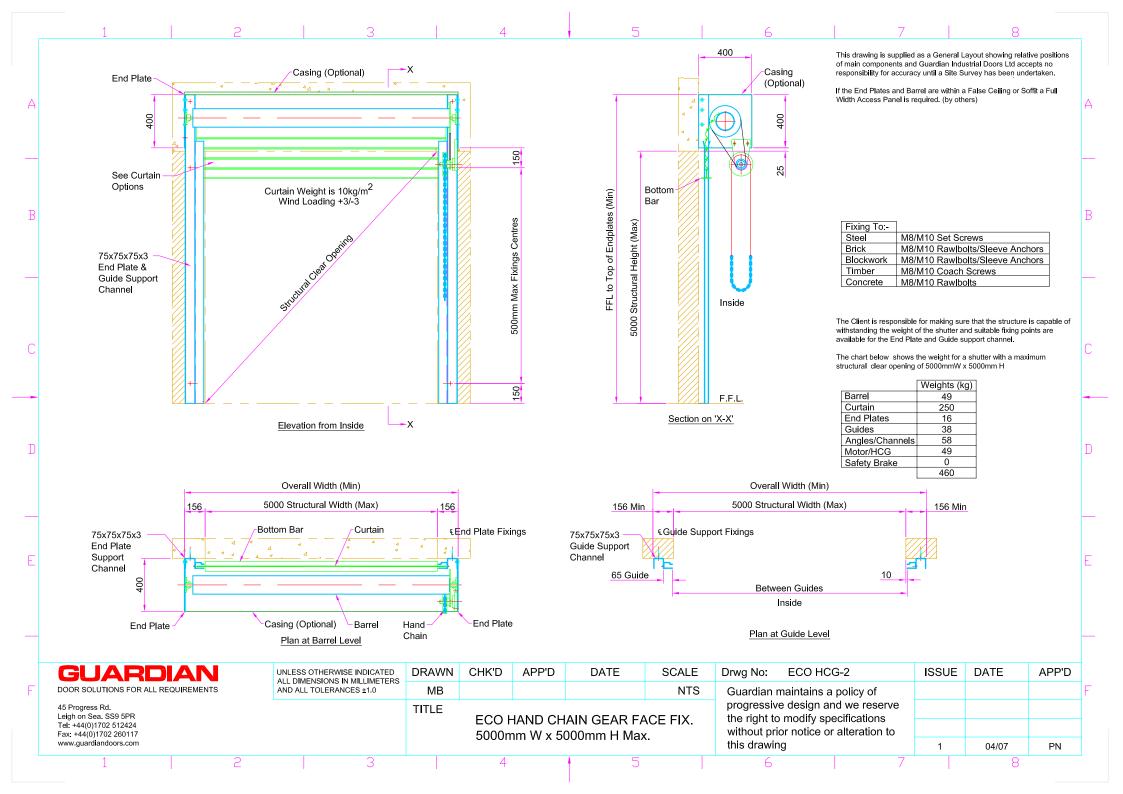
Optional

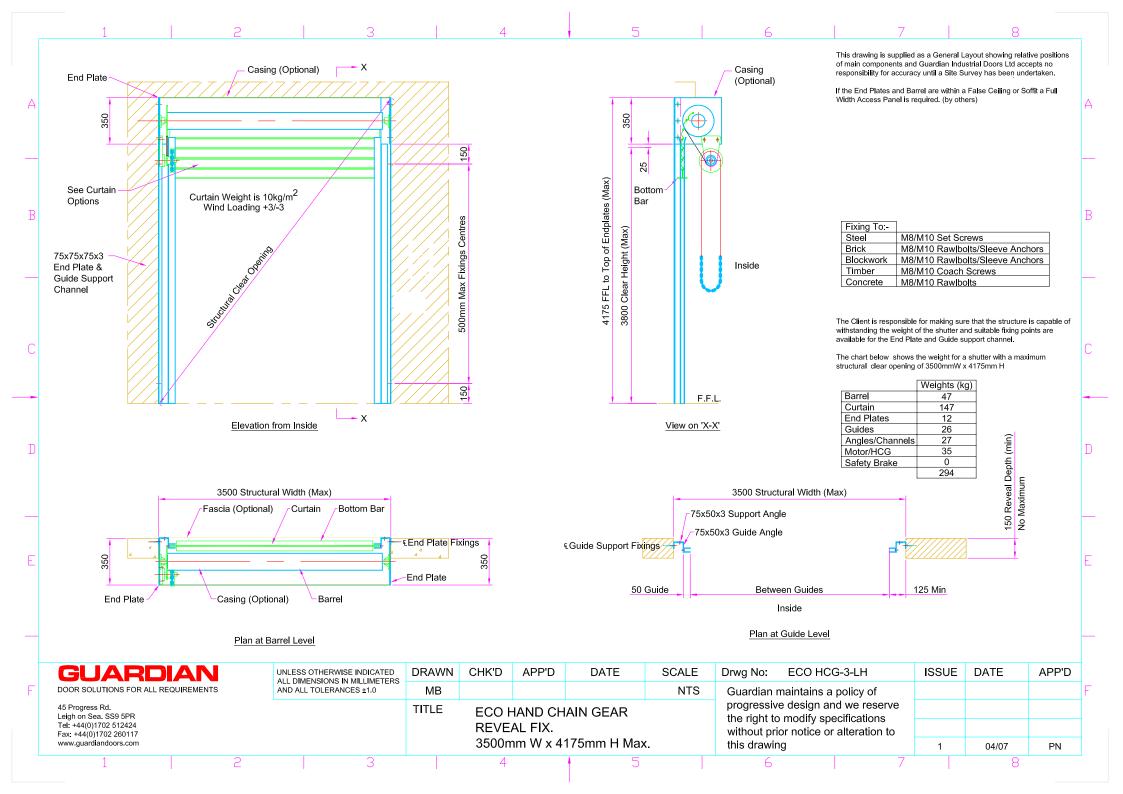
Security

Ground locking units Bullet locks









ESTHETIC UPGRADES

GUARDIAI DOOR SOLUTIONS FOR ALL REQUIREMENTS

TEL: 0800 7836602 **GUARDIANDOORS.COM**

Various aesthetic upgrades are available for this model. This photograph shows a combination roller curtain. Due to its modular design different cutains can be mixed together.

Shown in the main photograph is a combination of our 75mm perforated steel and tube and link grille in a brick bond pattern (inline also available)

Perforations

Punchings

Polycarbonate glazing

Perforations

2 mm punched holes. Used in retail situatons to create translucent shutters at night Also used in carpark situations where airflow is needed through the shutter

Punched slots

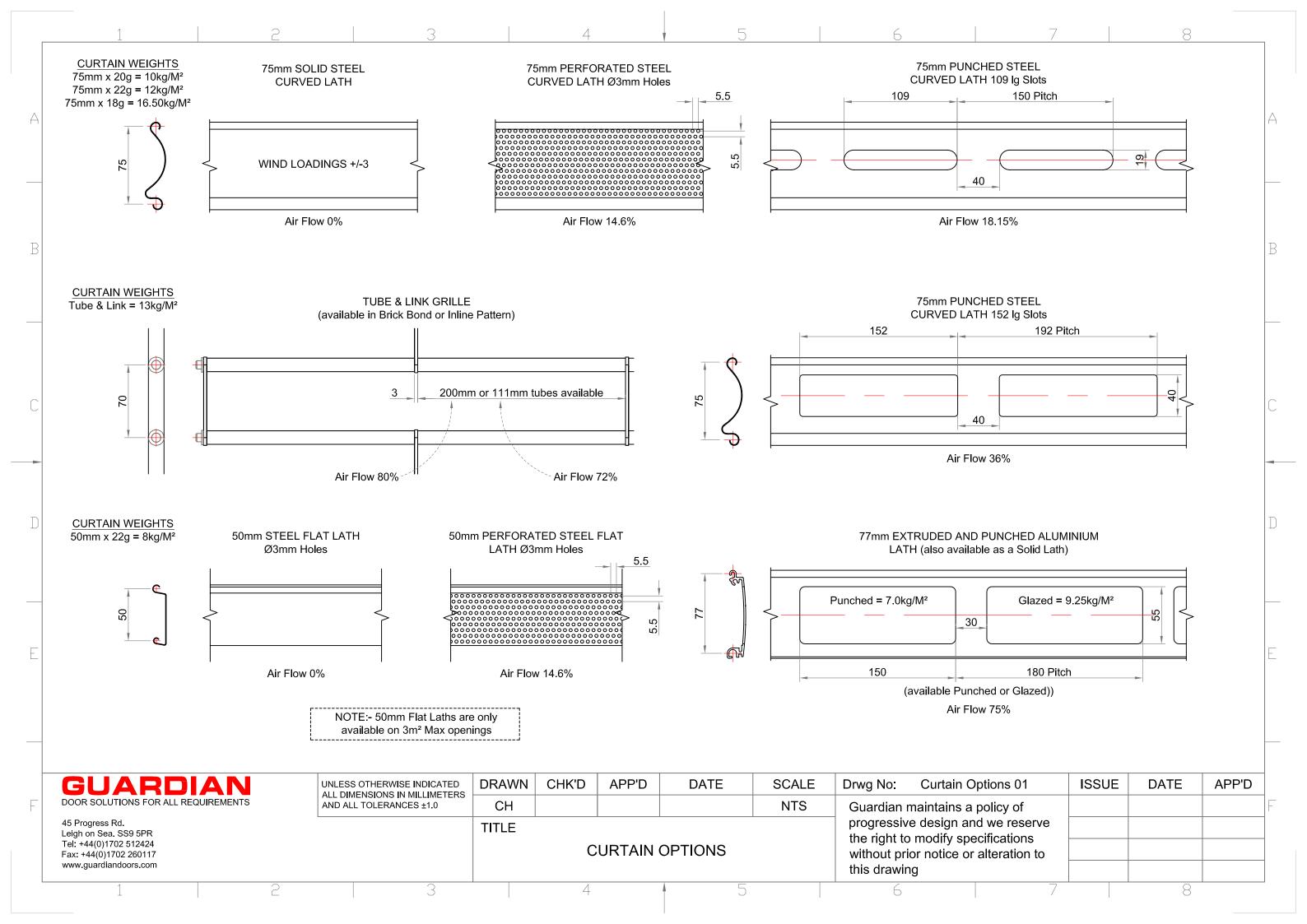
Various sizes available, dependant on shutter width.

Polycarbonate glazing

Solid translucent glazing which is UV resistant and impact resistant. Offered in various shades.

Tube and link grille

As shown in the main photograph, various sizes of tube and link available.



ECONOMY RANGE OVERVIEW

MAX SIZE OF 12m x 12m
RANGE OF ACTIVATION OPTIONS
RANGE OF FITTING CONFIGURATIONS
3 OR SINGLE PHASE OPERATION
SOLID STEEL CONSTRUCTION
COST EFFECTIVE







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