

## L20 DOORS / SHUTTERS / HATCHES

### 610 ROLLER SHUTTER . . . . .

#### **GUARDIAN – ATHENA RANGE – CR MAXI GLAZE LOOK <http://www.guardiandoors.net/products/roller-shutters/commercial-range-athena/cr-maxi-glaze/model-overview>**

Transparent shutters are generally specified for retail shop windows, exhibition areas and arcades. In such locations the transparent shutters provide the dual benefits of out of hour's security plus 24 hour customer access to the shop window display.

Maxi Glaze transparent security roller shutter provides an 85% unrestricted view through the shutter. The shutter consists of horizontal strips of virtually unbreakable crystal clear polycarbonate, connected by aluminum hinge profiles. Heavy aluminum side profiles retain the polycarbonate strips and a rubber bottom strip buffers the shutter on closing.

#### **Dimensions:**

Opening height up to 5000mm, opening width up to 10000mm. Larger on request

Shutter weight: 35 kg/m<sup>2</sup> of door opening.

#### **Curtain**

Maxi Glaze transparent security roller shutter provides an 85% unrestricted view through the shutter. The shutter consists of horizontal strips of virtually unbreakable crystal clear polycarbonate

#### **Hinge Joining Sections**

The aluminum strips and side profiles can be powder coated to any RAL colour, to match existing shop front paintwork or corporate colours.

#### **Bottom Section**

Extruded aluminium section with rubber compression seal

#### **Side Guides**

The side guides are made from 4mm thick galvanised steel, shaped as a 'U' profile, either 80 x 34 x 80 mm or 50 x 34 x 50 mm depending on the width of the shutter. The guides are mounted on 50 x 60 mm galvanised steel tubes.

#### **Roller Assembly**

Constructed from mild steel tube, 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. Size relative to overall height and width of shutter. Between 300mm and 600 mm square.

#### **Roller Enclosure (optional extra)**

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

#### **Operation**

Direct drive motor with Guardian Level 1 – 3 controls includes maintenance counter

Tube motor within coil with low voltage toggle switch or keyswitch control and hand crank override.

Automatic opening and closing available but requires safety systems as a legal requirement

#### **Finish**

All parts not galvanised are painted in one coat of grey protective primer.

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.

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#### **Optional**

Electric operation single phase tubular motor up to 4 m x 4 m

Electric operation via 3 phase motor either direct drive or flange mounted dependant on fitting configuration.

Speak to one of our technical representatives for more information

3 phase controls Control panel level 1 2 or 3. Speak to one of our technical representatives for more information

Key switch control unit – flush mounted

Key switch control unit – surface mounted

External weatherproof push button

Key lockable push button control

Group control unit for up to 6 shutters simultaneously

Auto open via internal induction loops with timed close facility

Radio controlled

Safety bottom edge

Safety photo cell beam

Bullet lock interlock box