



Roller shutters to be installed externally.



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ROLLER SHUTTERS EXAMPLE

### GLV-11 Spring & Lock Shutter

Standard GLV-11 shutter with sprung barrel for easy manual opening and closing.

**Applications**  
High security commercial sites, up to 9m<sup>2</sup>  
Punched (GLV-11PU) & Perforated (GLV-11PE) slats can be incorporated as required for full or partial vision.

**Curtain Slat**  
Single Skin 76mm (3") Curved Steel  
Standard galvanised finish.  
Wall thickness 0.7mm, 0.9mm, or 1.2mm, depending on overall shutter opening width.  
N.B. Colour finishes available on request. Powder-coated or Plastisol finishes.

Visible Surface	76mm
Profile Height	86.6mm
Weight per MF	10kg
Maximum Width	3,000mm
Maximum Surface	9m <sup>2</sup>

**Housing**  
Manufactured from 0.7mm or 0.9mm galvanised steel sheet.  
End caps are fabricated from 3mm steel.  
Standard galvanised finish. Other colours available on request.

Shutter Height	Box Size
(up to mm)	(mm)
2500	305
3400	355

**Guide Channels / Bottom Slat**  
Galvanised steel section bottom rail: either 'L' or 'T' shape.  
Guide channel depth will vary dependent on application from 50mm to 100mm (utilising windlocks on the slats).  
Standard galvanised finish. Other colours available on request.  
Guide channels are bolted onto angle or box section, depending on the application. See Plan drawings on this sheet.

**Operation**  
**Manual: Operation by manually grasping handle on bottom slat.** Shutter curtain rises under tension to fully open position and remains there; close by pulling the curtain down against the spring tension.  
Locking by bottom slat transverse shoot bolts; in addition, bullet locks and housings may be welded onto face of guide channels and inserted into the curtain leaf, thereby further deterring attempts to lift the curtain up while in locked condition.  
**Note:** Manual operation is advised for small pedestrian type doorways and window shutters only.

Barrel with concealed tensioned springs

Mounted on 50x50 steel angle section  
Face Fix  
Plan View

Mounted on 50x50 steel box section  
Reveal Fix  
Plan View

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