

# MANUALLY OPERATED SHUTTER

## PUSH UP-PULL DOWN

### TECHNICAL SPECIFICATION SHEET

The Fitzpatrick Manually Operated Roller Shutter can be supplied with many options, as standard a galvanised finish suitable for general industrial or commercial use.

Retail and commercial variations can be a perforated section to allow out of hours viewing within the building, whilst maintaining a high degree of security. A slotted lath which can create specific designs or patterns within the roller shutter is available as an option. Fitzpatrick Roller Shutters are available in galvanised finish or can be powder coated to any BS or RAL standard colour range.

Counter balance spring operation

Simple and easy to operate

2 locks

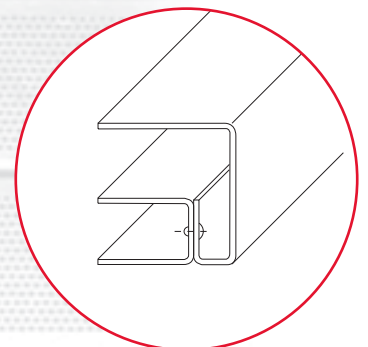
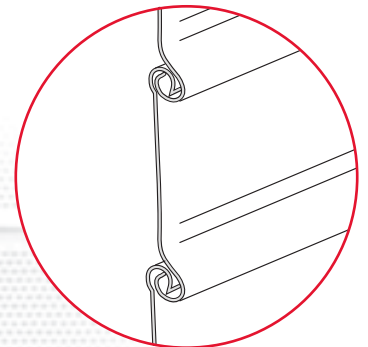
Galvanised curtain

Powder coating option

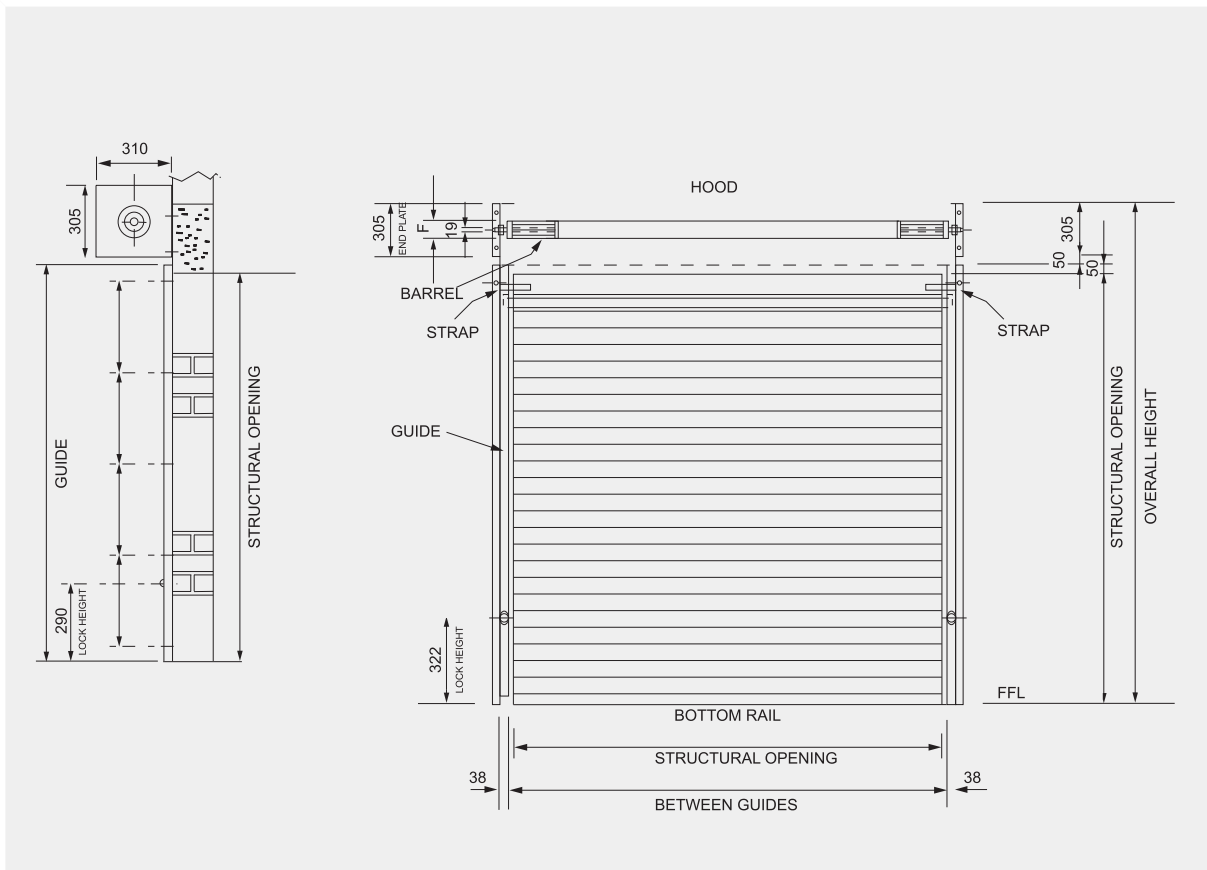
Perforated lath

Punched lath

60mm  
Flat Lath



Typical Guide  
Section



**Curtain**

Constructed from galvanised cold rolled interlocking flat sections of suitable gauge, each alternate lath is fitted with a malleable steel endlock to prevent lateral movement.

**Bottom Rail**

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

**Side Guides**

Formed from cold rolled mild steel channel sections secured to the opening structure by continuous mild steel fixing angles. The side guides have the locks (one per guide) welded to the face

**Roller Assembly**

Constructed from tube fitted with counterbalance high tensile helical springs, mounted on bright steel shafts running on bearings.

**Endplates**

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

**Hood** (optional extra)

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

**Finish**

All parts not galvanised are painted in one coat of protective primer. Powder coat finish is available as an optional extra to B.S. and RAL standard colour ranges, colours available on request.

**Options**

Plastisol Lath in a range of standard colours.

Stainless steel in a 240 grit dull polished finish.