



# SECURITY SHUTTER LTD.

## Roll Formed Aluminium Shutter - Technical Datasheet

R-3 Protect Roll Shutters (Insulated)

The R-3 series, roll formed aluminum 41mm slat profile is injected with insulating polyurethane foam. It is suitable for applications with small openings. Compatible with tubular motor, counterbalance spring, gear assist and manual tape operation types.



### Applications

Residential and commercial openings, up to 75sq/ft (7m<sup>2</sup>). The R-3 rolling shutter is concealed within a compact enclosure and is ideal for protecting windows and door entrances. This system can be mounted internally or externally, with a face or reveal fit. Fulfills wind load values of resistance class 2 with element widths up to 2900 mm.

### Curtain Slat

Roll formed aluminium.

**Standard Finish:** White, Silver, Beige, Black, Dark Brown.

**Visible Face:** 41mm

**Weight per m<sup>2</sup>:** 3.7kg

**Maximum Width:** 3500mm

**Maximum Height:** 3500mm

**Maximum Area:** 7m<sup>2</sup> (electric operation)  
7m<sup>2</sup> (manual operation)

### Enclosure

Roll formed aluminium enclosure with pressure-moulded aluminium end plates.

**Standard Finish:** White, Silver, Beige, Black, Dark Brown.

Guide Height(mm):	Plate Size(mm):
1550	165
1900	180
2800	205
3270	230

### Bottom Slat

Extruded aluminium bottom slat with rubber weather seal.

### Guide

Extruded aluminium guide rails with weather seal:

HTF – 53x22 mm

HTF-40 – 67x22 mm

**Standard Finish:** White, Silver, Beige, Black, Dark Brown.

### Operation

**Electric:** Tubular motor & internal or external momentary switch as standard. Remote control and Smartphone control available. Crank manual override & crank handle as required (surcharge applies). Numerous control option variants such as group, remote or mobile phone activation.

**Manual Tape Pull & Winder:** A swivel winder coils a belt attached to the roll shutter axle coupler.

**Manual Gear Assist:** Geared rod and crank handle winds the shutter.

**Manual Counter-balanced Spring:** Spring operated assembly with a key-lock bottom slat & handles.

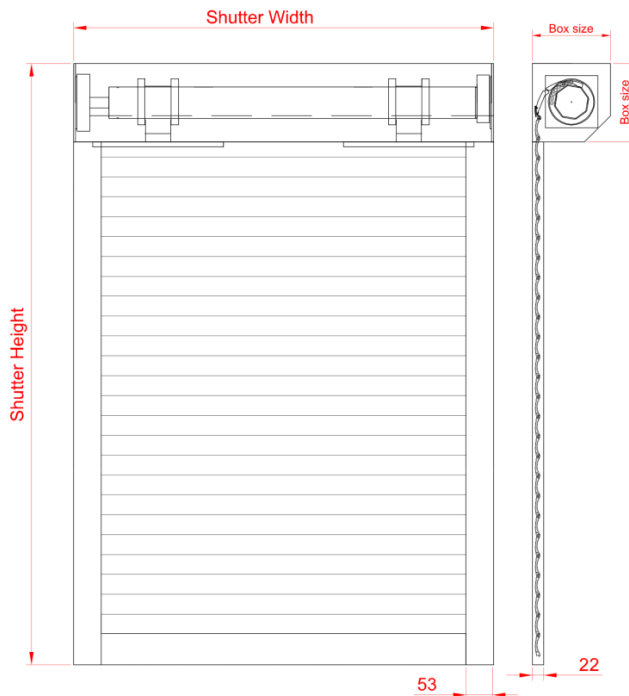


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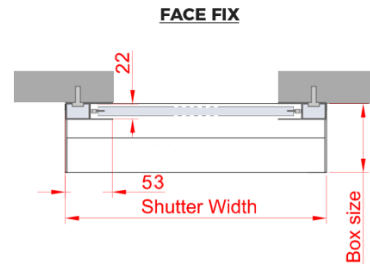
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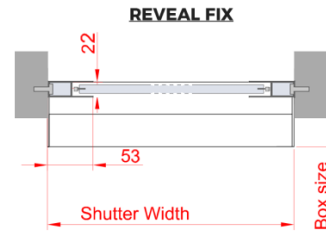
### Front Face



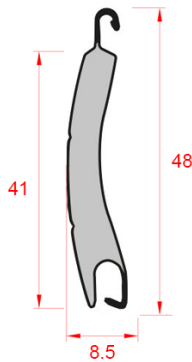
### Fixing Detail



Face Of Wall - Surface Mounted  
In-Jamb Mounted



### Slat Profile



### Guide Rails

