

INSULATED ALUMINIUM SECURITY SHUTTER: TECHNICAL DATASHEET 3

Suitable for medium security domestic & commercial applications with a maximum area of 8m². As well as security, the polyurethane foam core offers enhanced heat and sound insulation. Optional integrated light slots enable light ingress and airflow when the shutter is partially lowered. Suitable for internal or external face or reveal fit.



M411 Non-Vented

M411 Vented

Guide Height (mm)

Plate Size (mm)

1050
1435
1720
2295
3350

150
165
180
205
250*

APPLICATIONS

Domestic and commercial sites requiring insulation and sound proofing. Suitable for internal or external face or reveal fit.

CURTAIN SLAT

Double-skinned polyester powder-coated aluminium slat with polyurethane foam insulating core. Vented and unvented options.

Finish:

White, Anthracite or Black as standard in vented and unvented.

Visible Face: 42mm
Weight per m²: 3kg
Maximum Width: 3400mm
Maximum Area: 8m²
Maximum Height: 3600mm
Maximum Height: 53mm, 68mm or 75mm
Guide Width: 3.7 W/m²K
Slat U-Value:

BOX

Roll-formed aluminium box with pressure-moulded aluminium alloy end plates.

Finish: White, Anthracite or Black as standard.

*75mm guide is used on 250 box/plate
Plate sizes shown as a guide only and may vary.

BOTTOM SLAT

Extruded aluminium bottom slat with rubber weather seal.

GUIDE CHANNELS

Extruded aluminium guide channels with brush inserts. Width of 53mm, 68mm or 75mm

Finish:

White Anthracite or Black as standard.

OPERATION

ELECTRIC:

Powered by a Somfy non-override tubular motor as standard. An Aluroll tubular motor option is available.
Manual override and crank handle can be added to this shutter if required.
Supplied as standard with a choice of rocker switch or key switch controls.
Alternative operating options are available, including wireless switches, hand-held transmitters and Building Management Systems (BMS) integration.
A safety break is fitted where required to ensure compliance with current legislation.

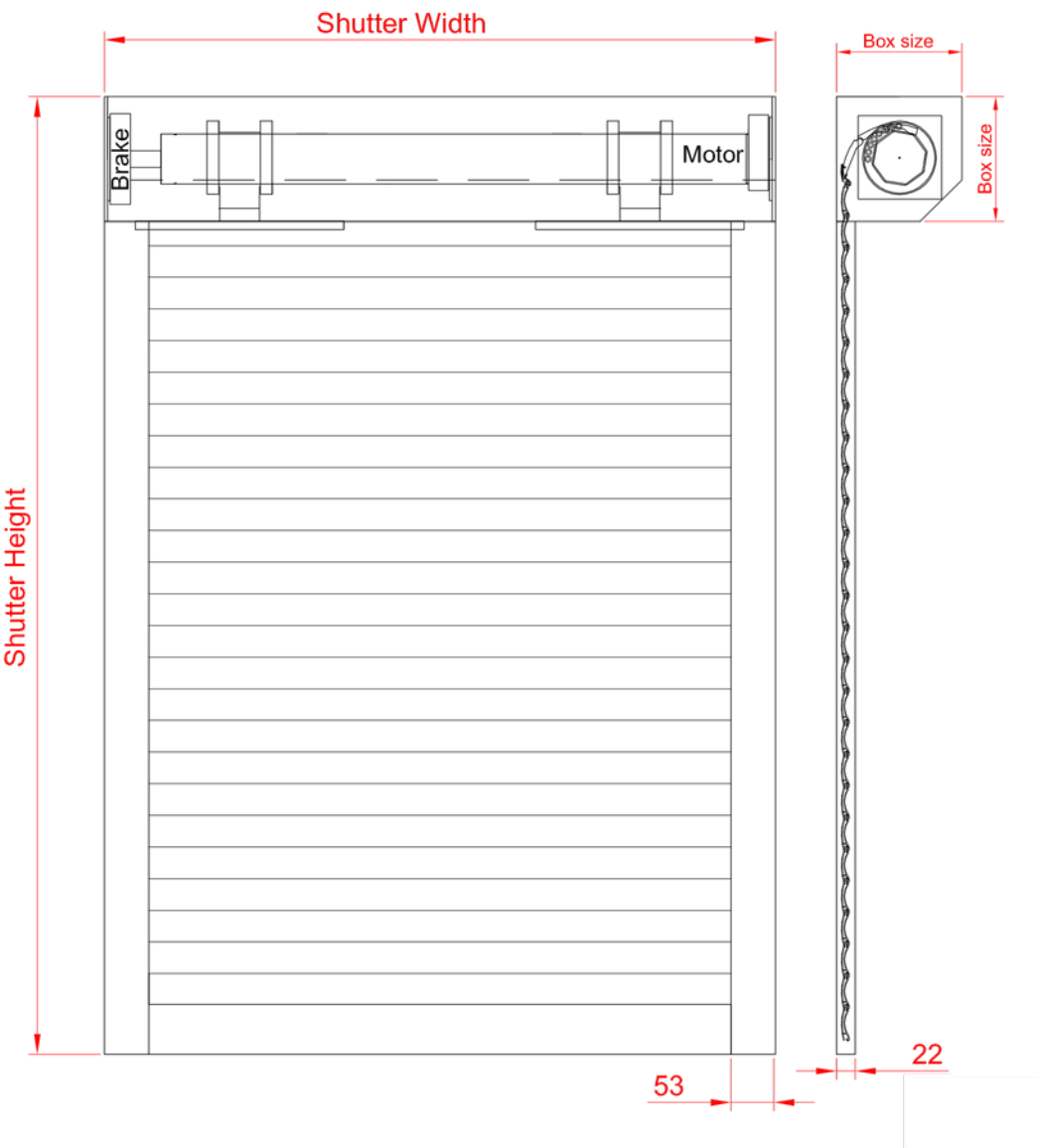
MANUAL CORD & BELT:

Manually operated by a corded belt & box

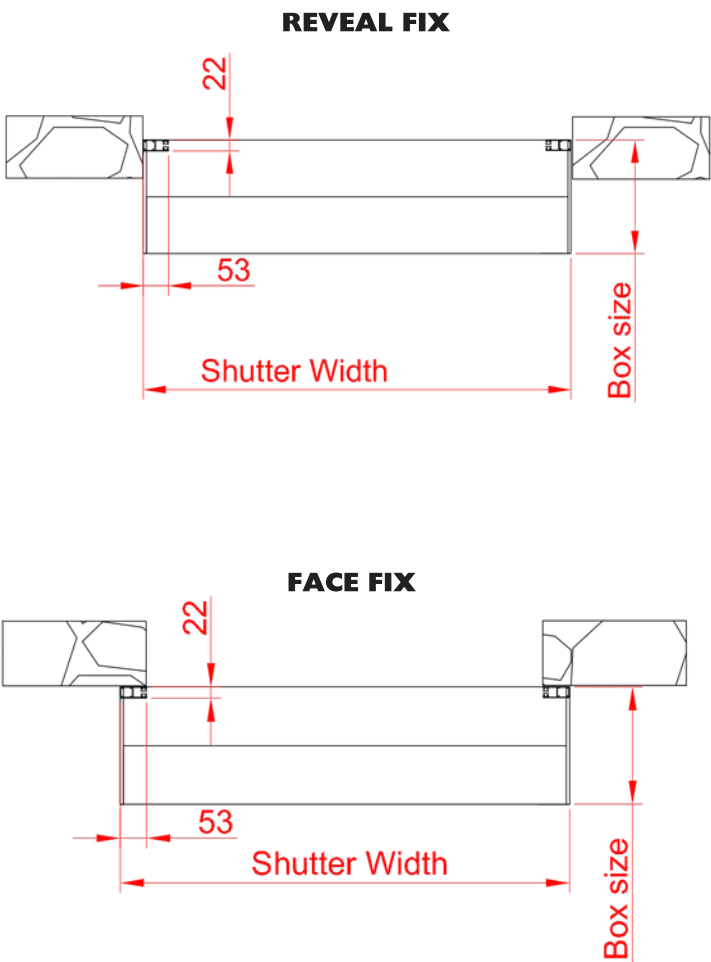
MANUAL SPRING & LOCK:

Counterbalance spring-assisted operation with locking bottom slat and integrated handles

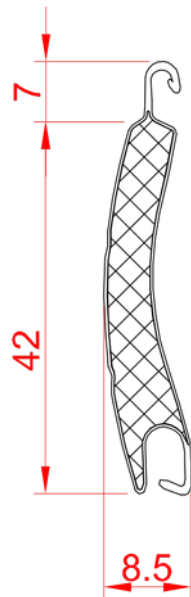
FRONT FACE



FIXING DETAIL



SLAT PROFILE



GUIDE CHANNELS

