M511

INSULATED ALUMINIUM SECURITY SHUTTER: TECHNICAL DATASHEET 5

The M511 provides security, insulation and sound proofing to domestic and commercial sites. It is suitable for internal or external face or reveal fit types, with vented profiles available on request. A choice of colours is included as standard.

APPLICATIONS

Medium security domestic and commercial sites requiring insulation and sound proofing. Can be internal or external face or reveal fit, with a maximum opening size of 12m².

CURTAIN SLAT

Double-skinned polyester powder-coated aluminium slat with polyurethane foam insulating core.

Vented and unvented options available.

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

Visible Face:	55mm
Weight per m²:	4kg
Maximum Width:	5000mm
Maximum Area:	12m²
Maximum Height:	4000mm
Guide Width:	65mm
Slat U-Value:	2.9W/m²K

BOX

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

Finish:

White, Anthracite or Black as standard.

M511
Non-Vented

M511
Vented

Guide Height (mm)	Plate Size (mm)
1745	205
2900	250*
4200	300*

*75mm guide is used on 250 (or larger) 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 65mm 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

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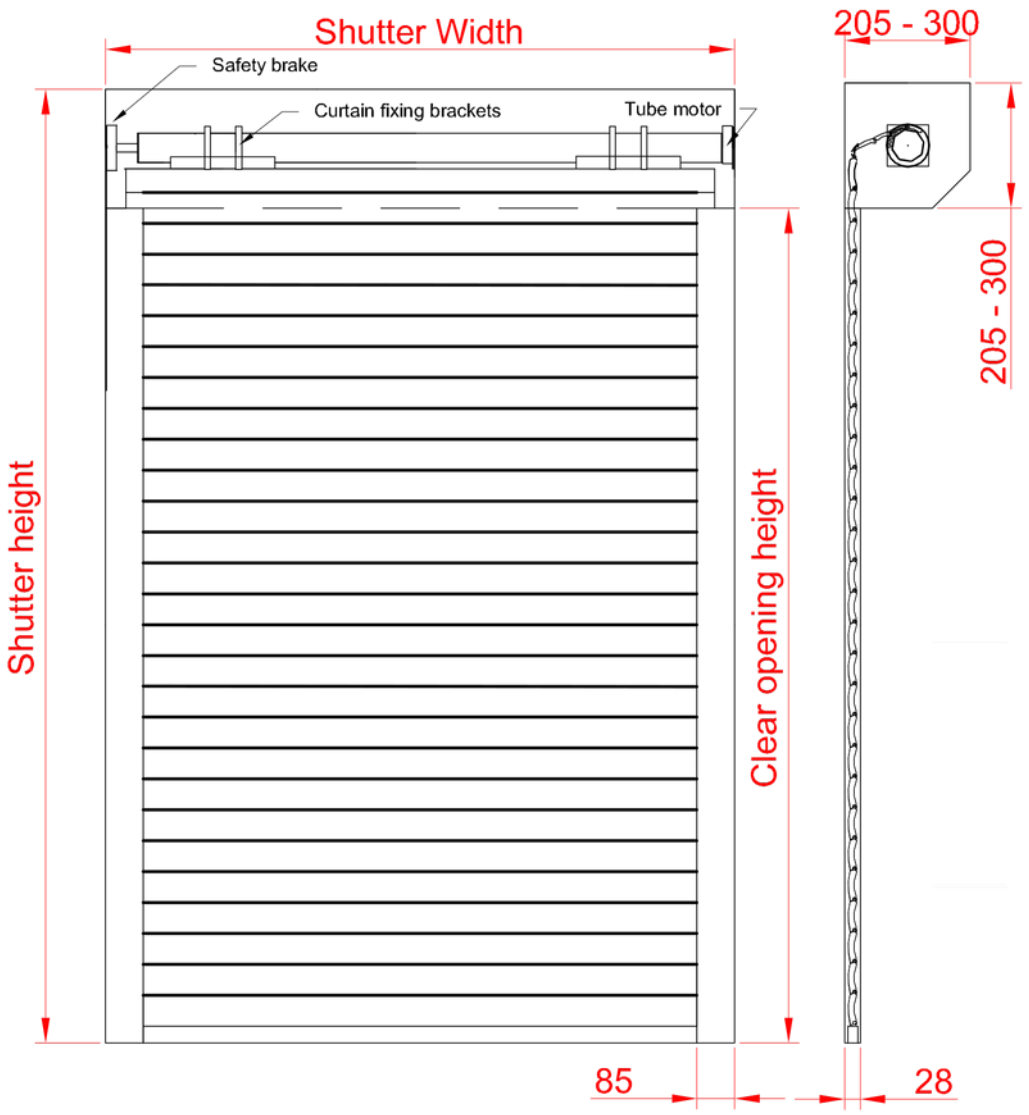
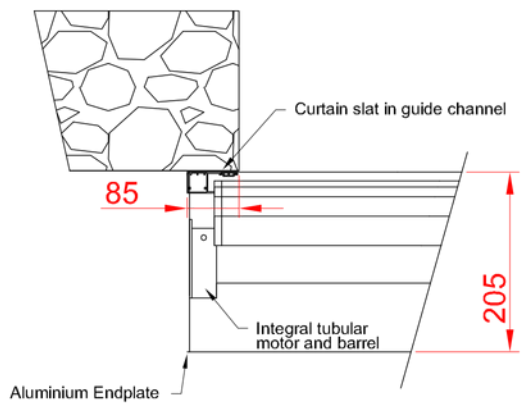
FRONT FACE

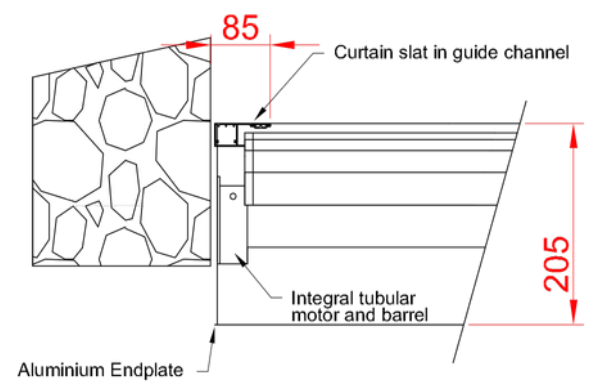


FIXING DETAIL

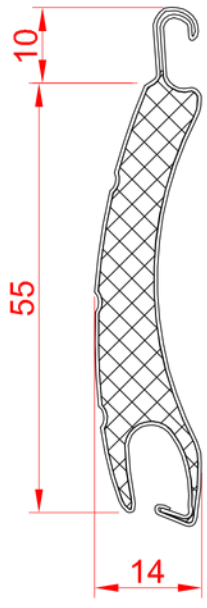
FACE FIX



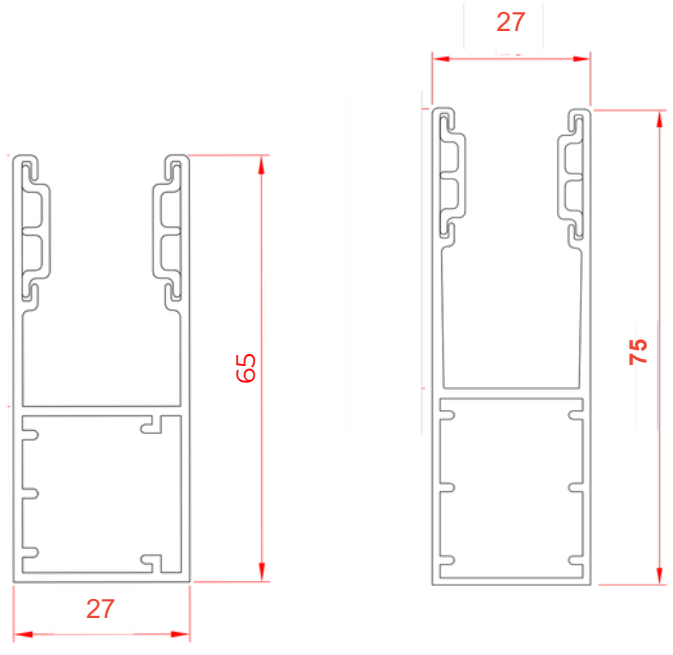
REVEAL FIX



SLAT PROFILE



GUIDE CHANNELS



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