

i100 Elite SR3



Certificate no: 931
LPS1175: Issue 7

Applications

A shutter for use where security is a high priority, such as entrances to schools, hospital restricted areas, computer rooms, and general retail outlets; up to 49m². The i100 Elite has been tested by the Loss Prevention Certification Board LPS1175 (7.0), rated SR3, and awarded 'Secured by Design' status. Suitable for internal face fix installation only.

Locking Mechanisms

The i100 incorporates a bullet locking system situated approx. 1m from ground level, fixed to each guide channel; central ground anchor on the bottom lath on shutters over 3 metres wide.

Curtain Slat

Double skin mild steel insulated slat with 81mm face. Wall thickness 1.2mm, with optional polystyrene insulation.

Finish: Galvanised as standard, powder coating and plastisol finishes available on request.

Visible Face:	81mm
Weight per m ² :	37kg
Maximum Width:	7000mm
Maximum Area:	10m ² (tubular) 49m ² (outboard)
Slat U-Value:	1.5 W/m ² K

Housing

Galvanised steel housing and end plates.

Finish: Galvanised as standard, powder coating available on request.

Guide Height (mm)	Plate Size (mm)	Motor
1500	400	Tubular / Outboard
2500	450	Tubular / Outboard
3250	500	Tubular / Outboard
4000	550	Outboard
5000	600	Outboard

Plate sizes shown as a guide only and may vary. Note that outboard motors are generally larger than the plate itself.

Bottom Slat

Galvanised steel bottom slat with weather seal.

Guide Channels

85mm wind guides as standard. Guide channels are bolted onto 100x50x6mm angle. See drawings opposite.

Operation

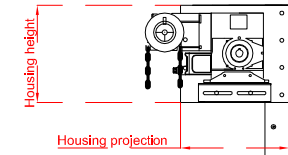
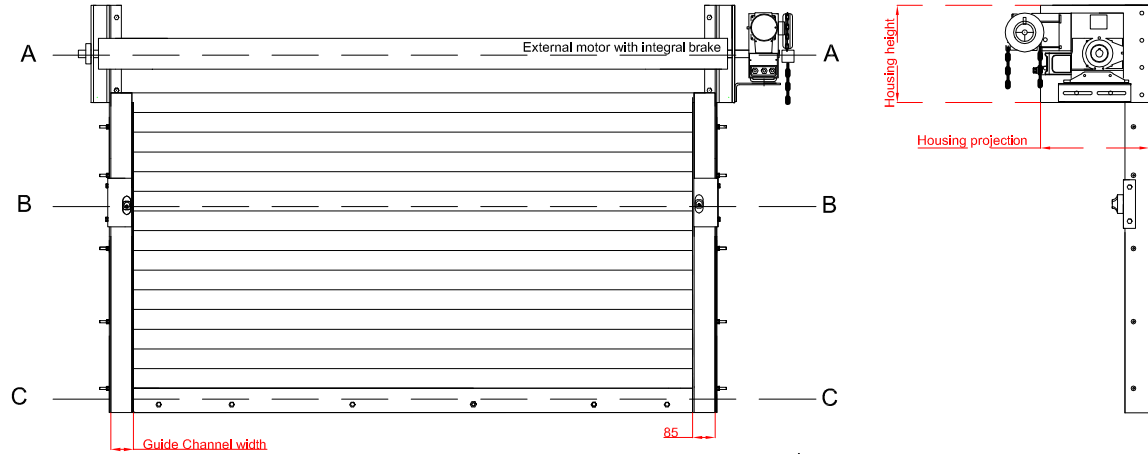
Electric, Tubular: Tubular motor & internal rocker or external key switch as standard. Safety brake as appropriate to comply with legislation. Manual override facility & crank handle as required. Numerous control option variants such as group or mobile phone activation.

Electric, Outboard: Three phase motor with push button control station as standard. Motors can be direct drive, chain drive or inline design. Final configuration will be project specific but all motors incorporate a chain manual override facility. Numerous control option variants such as timed closure, group or mobile phone activation.

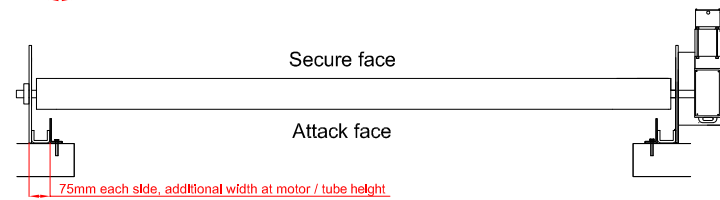
CE compliant to all applicable directives and regulations.

Front Face & Fixing Detail

Viewed from secure side (internal)



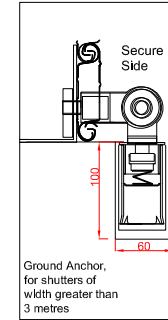
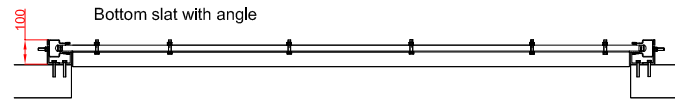
Plan - A



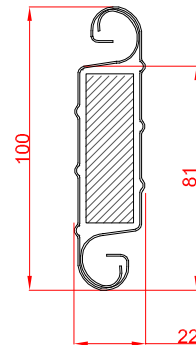
Plan - B



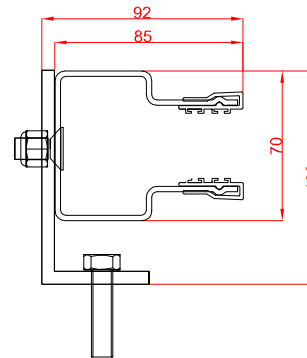
Plan - C



Slat Profile



Guide Channel With Angle



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