

# 100mm Technical Data Sheet

VERSION 2025

## TECHNICAL SPECIFICATIONS

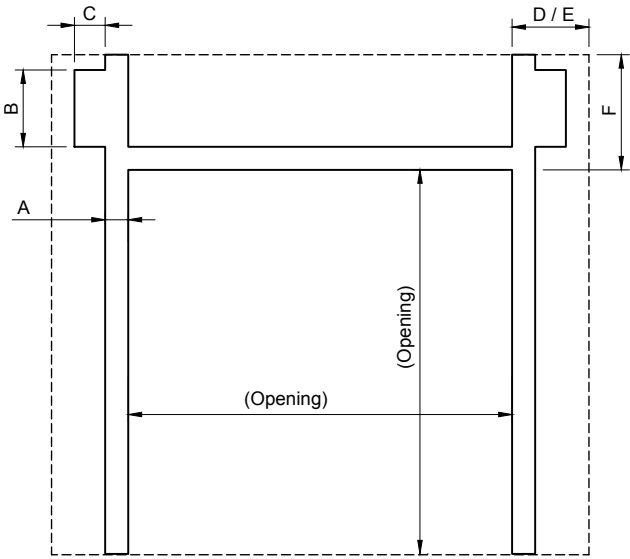
Curtain Material	Galvanised Steel (G250, Z275)
Slat Profile	Interlocking Slats
Slat Thickness	1.0mm
Bottom Rail	Aluminum with Rubber Weather Seal
Guides	Galvanised Steel with optional Lugs
Finish Options	Galvanised / Powder Coated
Maximum Width	10,000mm (bigger sizing available)
Maximum Heigh	10,000mm (bigger sizing available)
Curtain Weight	Approx. 16kg/m <sup>2</sup>
Wind Resistance	Tested up to N4 / C4 classification
Drum	Balanced / non-Balanced
Drum Cycles	Low Cycle 50,000 – 80,000 Cycles High Cycle 150,000 Cycles

## OPERATION OPTIONS

Manual Operation	Hand Chain Hoist (for shutters up to 22m2)
Motorised Operation	Single-Phase or 3-phase motorised system with hand chain
Control Options	<ul style="list-style-type: none"><li>• Push button control box</li><li>• Remote control</li><li>• Key switch</li><li>• BMS integration</li><li>• Safety beams</li></ul>
Emergency Access	Manual override in case of power failure

## OPTIONAL FEATURES

Ventilation	<ul style="list-style-type: none"><li>• Slotted (140x40mm slots)</li><li>• Perforated</li></ul>
Powder Coating	Interpon & Dulux range
Wind Locking	Every 2nd or 4th slat with nylon clips (to meet site specific wind loads)
Fire Rated Shutters	Certified to AS 1530.4 and AS 1905.2. Available in 2-hour (-/120/-) and 4-hour (-/240/-) ratings
Cyclone Rated Shutter	Tested to AS/NZS 1170.2 – Suitable for Category 4 regions



## INSTALL REQUIREMENTS

A	Min Guide Fixing Width	Steel fixed guides - 120mm Concrete/Brick fixes guides - 175mm
B	Min Bracket Fixing Height	500mm
C	Min Bracket Fixing Width	250mm
D	Min Side-Room	350mm
E	Min Side-Room Inboard Mounted	235mm
F	Min Head-Room	650mm ( Allow for more headroom for Shutters over 6m tall)

## CUSTOM COMPONENTS

Individual components and parts may be manufactured to meet specific project or site specifications. Availability is subject to request and confirmation.

## WARRANTY

A standard 12-month warranty applies, extendable to 36 months with an approved maintenance agreement. Contact us to discuss terms and options. Full warranty terms and conditions are available on our website.

