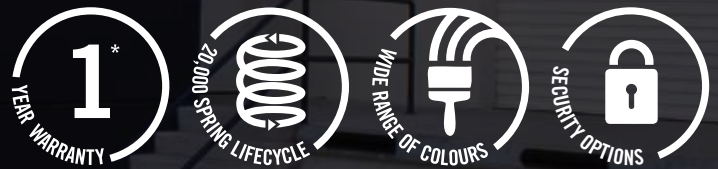
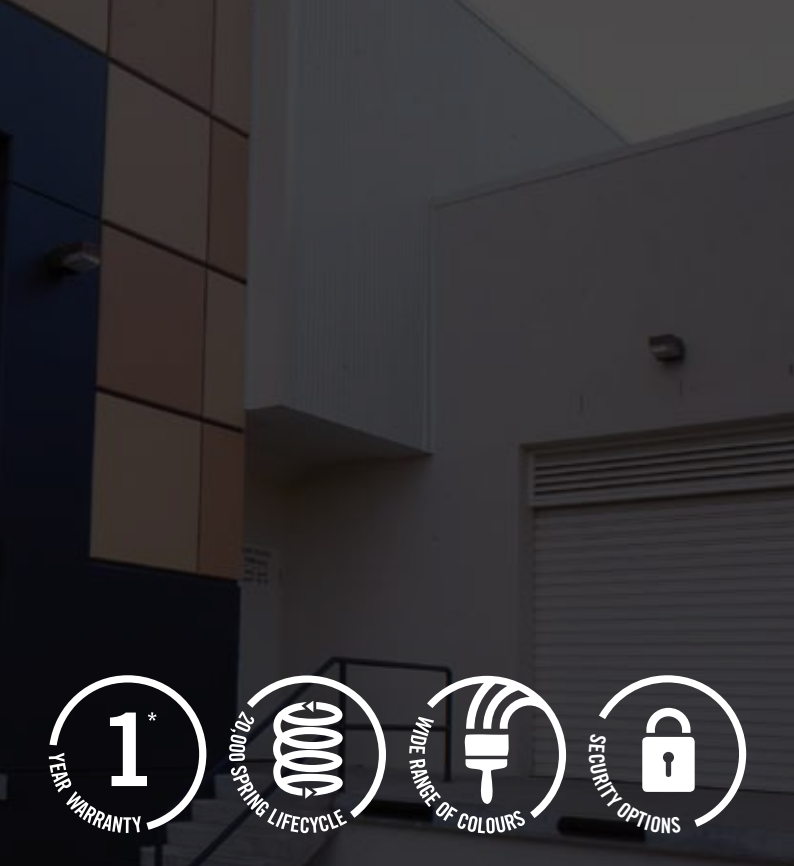




AUSTRALIA'S PREMIUM  
LIGHT INDUSTRIAL ROLLING DOOR

# Roll-A-Shutter™

6/100 – INDUSTRIAL SLAT TYPE SHUTTER



The 6/100 Roll-A-Shutter curtain is made from 0.6mm thickness continuous roll formed interlocking type coated galvanised steel slats, having a nominal effective width of 100mm and a zinc coating of not less than 250g/m<sup>2</sup>.

The curtain is fitted with moulded nylon clips fitted to the ends of alternate slats by three nylon rivets. When specified, special malleable iron windlocks shall be fitted to the slat ends at the recommended intervals on shutters exposed to excessive wind loading.

## BENEFITS

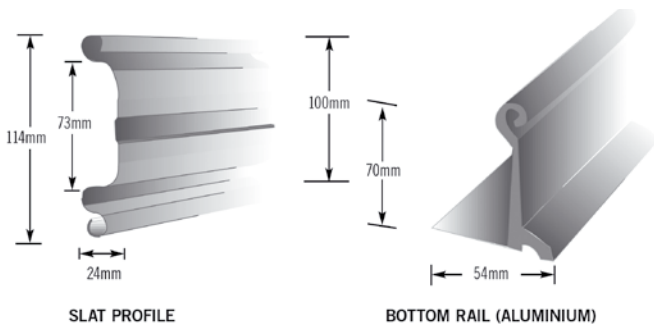
- Compatible with modern architectural styling
- Specially designed for commercial and industrial openings requiring a strong closure
- Suit openings from 900mm x 900mm to 6000mm x 6000mm
- Easily operated manually (no chain wheel)
- Chain geared or electrically powered, to suit any size throughout the range.

## BOTTOM RAILS

Extruded aluminium "T" section bottom rail with the top edge formed to interlock with the bottom slat of the curtain.

## GEARS

Spur gears with the gearing ratio selected in accordance with shutter size.



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Call **13 62 63** or visit [www.bnd.com.au](http://www.bnd.com.au) for further information.

\*For full warranty conditions see back page.

# THERE'S SO MUCH MORE BEHIND A DOOR

## GUIDES

The standard guides provided for nylon clipped Roll-A-Shutters are steel channels cold roll formed from 2.0mm steel, having a minimum depth of 70mm and measuring 38mm across the back. The 100mm deep guide option uses steel channels cold roll formed from 2.5mm steel, with a depth of 100mm and measuring 38mm across the back. When fixing to masonry, these guides shall be fixed securely to walls at intervals of not more than 750mm by 9.5mm diameter masonry anchors and hex head bolts, or as specified for steel work.

## WINDLOCK GUIDES

When specified, windlock channel guides cold roll formed from 2.5mm steel with a minimum depth of 85mm and measuring 50mm across the back, with a 40mm x 12mm mild steel bar welded to the inside surface of the guide will be provided. Fabricated windlock guides are also available as an option. The recommended method of securing windlock guides is by 40mm intermittent stagger welds to the steel building structure at 400mm centres.

## DRUM

Steel tube drum having a minimum O.D of 168mm x 3.18mm wall thickness and designed so that the drum stress does not exceed 124MPa. The drum is fitted with bearings and mounted on a bright mild steel spindle having a minimum thickness of 35mm.

## SPRINGS

Helical torsion type drum springs, made from spring steel wire conforming to AS1472. Designed to fit the drum assembly and of selected length to match the operating revolutions of the drum without exceeding the safe working stress.

## BRACKETS

Fabricated from 50mm x 50mm x 6mm M/S angle and supplied with spindle support angles fitted with 12mm steel bolts, each bracket is to be fixed to the wall with no less than three 12mm masonry anchors and hex head bolts or as specified for steelwork.

## LOCKING

All hand operated shutters are supplied as standard with external bottom rail slide bolt locking. All chain operated shutters are supplied as standard with chain cleat locking. There is an option for no locking, internal slide bolts, or internal & external slide bolts. There is also an option for keylocking on aluminium bottom rails up to 4800mm wide.

## FINISH

Galvanised steel finish with all M/S components prime coated. Optional powdercoat finish available when specified. Hauling chains shall be zinc passivated. Colorbond® is optional.

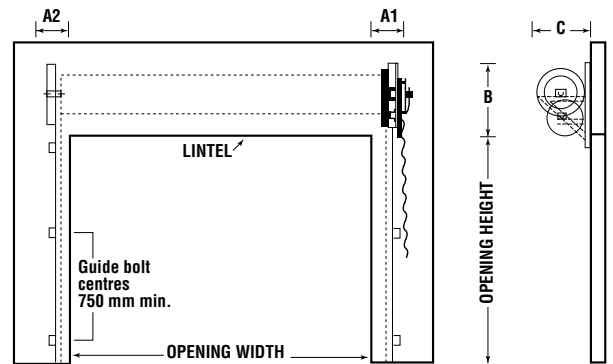
## DIMENSIONS (all measurements in mm)

**A1** Denotes gearside      **A2** Denotes plain side  
**B** Denotes headroom      **C** Denotes end view

	A1	A2	B	Bml	C
MANUAL - No chain wheel (electric operation optional)					
Up to 7.5m <sup>2</sup> Windlocks every 4th	200 - 210	200 - 210	580 - 750	530 - 700	355 - 425
4.7:1 - Chain geared (electric operation optional)					
Up to 15.7m <sup>2</sup> Windlocks every 4th	240 - 250	200 - 210	680 - 835	630 - 785	455 - 510
18.8:1 - Chain geared (electric operation optional)					
Up to 36m <sup>2</sup> Windlocks every 4th	280 - 290	200 - 210	680 - 835	630 - 785	455 - 510
Electric inside mount	230		570 to back of STR motor		
Electric outside mount	460		570 to back of STR motor		

Note: Should the headroom available be less than that shown for dimension "B" the 6/100 may be installed to give satisfactory operation by fixing the drum support brackets so that support arm is situated 230mm below the ceiling for doors up to 3350mm height. However the nominal daylight opening height will be reduced by the amount of deficiency in headroom.

## CLEARANCES



PLAIN SIDE

GEAR SIDE

**Masonry:** 12mm ragged bolts or masonry anchors

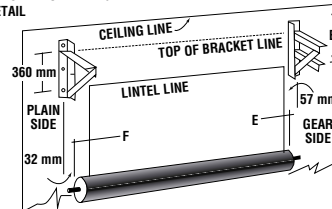
**Steel:** 12mm engine bolts

**Timber:** 12mm coach bolts

**"E"** = measurement from end of drum (not the gear wheel) to the fixing bolt centre line. Gear side.

**"F"** = measurement from end of drum to the fixing bolt centre line - Plain side.

## BRACKET BOLT FIXING DETAIL



NOMINAL SIZE (mm)	WEIGHTS	NOMINAL SIZE (mm)	WEIGHTS
2400 x 2400	175kg	4200 x 4200	375kg
3000 x 3000	230kg	4800 x 4800	440kg
3600 x 3600	305kg	5000 x 5000	500kg

YOUR **B&D REPRESENTATIVE** IS:

International Customers call **+61 2 9722 5555**  
fax **+61 2 9771 6385** or email **bndint@bnd.com.au**



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B&D Doors has offices servicing all states.

For more details on this product or our other ranges,  
call **13 62 63** or visit **www.bnd.com.au**

## Notes / Information

- B&D Roll-A-Shutter™ 6/100 Industrial Slat Type Shutters are covered by a 12 month warranty, for complete door and parts, as recommended in the door's handbook. Full details of the warranty are available from [www.bnd.com.au](http://www.bnd.com.au). 12 month warranty only applies to doors purchased and installed in Australia or New Zealand. Warranty only valid if warranty conditions are met.
- For areas within one kilometre of a corrosive environment eg. salt air or industrial fallout, special care and maintenance are generally required for metal products. Consult B&D or your B&D Accredited Dealer for advice.
- The company reserves the right to make changes or improvements to the products or accessories without notice and without incurring any obligation to make similar changes or improvements to goods previously

ordered. The company also reserves the right to site touch-up of colour finishes as deemed necessary by the Company. Specifications subject to change without notice.

d) Roll-A-Door and Nylofelt are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks will result in legal action.

e) B&D products have many patents and registered designs applicable. B&D Roll-A-Shutter™ 6/100 Slat Type Shutters are Australian made

f) Colorbond® and Zinalume® are registered trademarks of BlueScope Steel Limited.

g) While BlueScope Steel Limited is our preferred supplier, steel products from other sources may also be used.

h) Details correct at date of publication.