



THE B&D ADVISORY SERVICE

B&D's Industrial & Commercial Products Division will advise you on technical specifications, product pricing, and discuss which product would best suit your particular application, at your request.

HOW TO SPECIFY THE SERIES 2 - TRADITIONAL INDUSTRIAL B&D ROLL-A-DOOR®

To assist you in specifying the Series 2 - Traditional Industrial Roll-A-Door® we offer the following general specification:-

SERIES 2 TRADITIONAL INDUSTRIAL

Is made from 0.5mm gauge, flexible steel curtain pressed to a horizontal ribbed profile, sliding between vertical guides. Raised or lowered by rolling or unrolling around a horizontal drum mounted above the opening, inclusive of the manufacturers standard operating gear hardware and accessories necessary for satisfactory performance. All doors should be fixed in accordance with the manufacturers instructions.

Finish: Zinalume® coated or
Colour finish or
Non standard colour (polyurethane)

Method of Operation: Hand operated to
2400mm high.
Chain operated to
5100mm high.

All doors may be electrically or remote controlled by a 1/2HP motor, (415/240 volts).

INSTALLATION SERVICES

Prompt installation service is available through trained servicemen in all major cities and towns, direct from B&D Australia, its' Distributors and major Dealers.

Illustrated installation instructions are included with every door to enable the purchaser to install if required. B&D would recommend installation by qualified technicians where possible.

INSTALLATION REQUIREMENTS

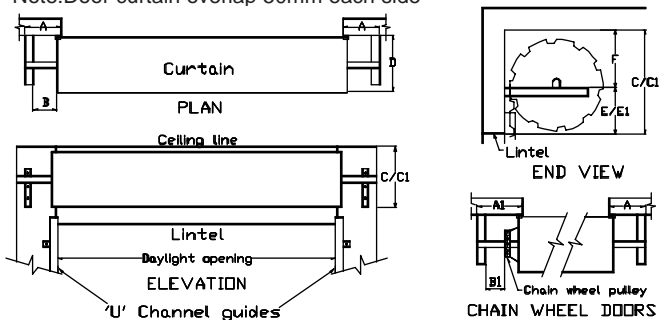
B&D Roll-A-Door® is normally installed behind the opening on brackets above and to each side of the opening. Headroom and sideroom are needed to accommodate overlap, brackets, rolled up curtain, guides and chain gear.

The structure, to which the brackets and guides are to be mounted must be of sufficient strength to accommodate the fixings and loads imposed by the door through operation and other forces.

The surface on which the brackets and guides are mounted should extend up above the lintel and be flush with or slightly behind the lintel to give the door working clearance. A range of special brackets is available to suit various individual applications.

DIMENSIONS

A1* Denotes sideroom required for installation of inside/outside mounted 1/2 Hp motor
B Denotes non geared end of curtain. B1 Denotes geared end of curtain.
C1 & E1 Denotes restricted headroom installation requirements, "C & E is recommended"
All measurements are in millimeters and are minimum unless otherwise shown.
Note: Door curtain overlap 50mm each side



| Height | A | A1 | A1* | B | B1 | C | C1 | D | E | E1 | F | Operation |
|--------------|-----|-----|---------|----|-----|-----|-----|-----|-----|-----|-----|--------------------|
| Up to 2400 | 135 | 125 | 160/450 | 35 | N/A | 540 | 475 | 555 | 245 | 180 | 295 | Hand Operated |
| 2401 to 2700 | 135 | 135 | 160/450 | 35 | N/A | 620 | 555 | 565 | 310 | 245 | 310 | Direct Chain Drive |
| 2701 to 3300 | 175 | 205 | 160/450 | 35 | 5 | 620 | 555 | 565 | 310 | 245 | 310 | Direct Chain Drive |
| 3301 to 4200 | 195 | 225 | 160/450 | 35 | 5 | 620 | 555 | 585 | 310 | 245 | 310 | Planetary Gearing |
| 4201 to 5100 | 210 | 225 | 160/450 | 35 | 5 | 635 | 590 | 615 | 310 | 265 | 325 | Planetary Gearing |

OFFICES:
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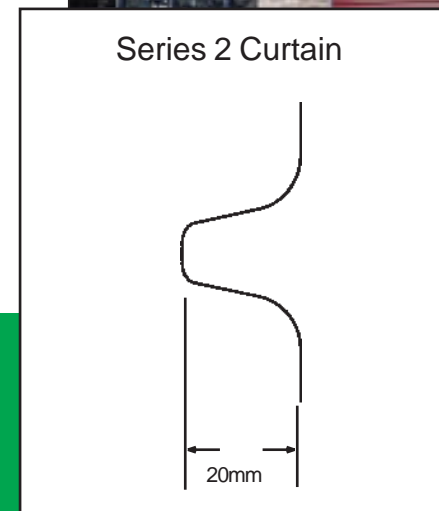
Roll-A-Door® is a registered trademark of B&D Australia. B&D Doors are Australian made. Colorbond and Zinalume are registered trademarks of BHP Steel (JLA) Pty Ltd.

Australian Made



Roll-A-Door®

Industrial Type Rolling Door



Traditional Industrial

The Series 2 - Traditional Industrial Roll-A-Door® has long been the ideal door for industrial and commercial applications, especially as it features a number of significant benefits to give even higher standards of durability, performance and importantly, operational ease.

CURTAIN QUALITIES

All doors are custom made to suit individual openings.

FEATURES

- ◆ continuous brake pressed steel curtain
- ◆ deep rigid channel grooves
- ◆ aluminium bottom rail with weatherstrip
- ◆ sizes up to 5100mm high x 5100mm wide.

BENEFITS

- ◆ prevents penetration of moisture and dust, thereby minimising the chances of corrosion
- ◆ strong, while providing an attractive appearance
- ◆ added protection against dirt, leaves and weather

OPTION

- ◇ B&D provide tapered curtains for the exact

OPERATIONAL EASE

Nylofelt™ or Nylon Slide Clips are used to minimise friction at the working surface. These options ensures that continuous smooth, quiet operation is an on going benefit of this product, without so much as a touch of lubricant.

FEATURES

- ◆ Nylofelt™ cushioned operation

BENEFITS

- ◆ lower noise with greater operating ease
- ◆ low maintenance

OPTION

- ◇ Nylon Slide Clips are used when airborne contaminants exist

HIGH WIND AREA

In any area that could be affected by high wind or extreme weather conditions, B&D recommend the fitting of Windlock Guide Systems.

SERIES 2 - TRADITIONAL INDUSTRIAL



TOUGH COLOUR FINISHES

The appearance of today's factories often reflects the efficiency of their operation.

FEATURES

- ◆ wide range of colours
- ◆ Colorbond® steel and Zinalume® coated finish

BENEFITS

- ◆ optimum paint metal bond for low maintenance
- ◆ compatibility with all modern cladding material

OPTION

- ◇ Zinalume® coated finish can be polyurethaned on site for even wider colour selection

Note: The door should be painted as soon as possible after installation.

SECURE LOCKING

Security is provided with the inclusion of a heavy duty locking system

FEATURES

- ◆ locks are located at waist height
- ◆ slide bolt locking is located internally on the left hand side of the door (inside looking out)

BENEFITS

- ◆ no bending required to unlock door
- ◆ ensured security

OPTIONS

- ◇ chain locking
- ◇ waist high internal slide bolt locking can be located on the right hand side or both sides
- ◇ centre lift lock with external key and internal knob operation or deadlock
- ◇ bottom rail four point slide bolt locking



EASY OPENING

The gearing assembly is mounted inside the door roll to minimise side clearance requirements and with its no maintenance, low friction characteristics, provides low operating effort to open and close very large doors.

FEATURES

- ◆ doors up to 3000mm high can be operated by hand without the need of chain wheel equipment
- ◆ doors between 2400mm and 3300mm use efficient direct chain drive
- ◆ doors over 3000mm high use efficient, compact, planetary reduction gearing
- ◆ sturdy Zinalume® coated steel gear mount

BENEFITS

- ◆ ease of single handed operation
- ◆ the gearing components need no lubrication due to materials used in manufacturing
- ◆ balanced loading and withstands very high overload forces without ill effects

OPTION

- ◇ electric and remote operation are available, ask your B&D Representative or Dealer to recommend a unit to suit.



MAINTENANCE

No greasing of the door guides is required, and the axle, hubs and all other working components have either been manufactured with self-lubricating materials or greased at the factory.

To reduce operational and replacement costs, curtains are easily repaired. In the case of damage, the curtain can be cut and a standard replacement section rivetted in.

Service on B&D doors are available in all States of Australia.

OPTIONS

MULLIONS FOR MULTIPLE DOORS

Where a choice of partial or total access to the building is required, a combination of mullions and multiple Series 2 - Traditional Industrial doors is recommended to provide a number of smaller doors, rather than one wide door.



BENEFITS

- ◆ individual low effort operation
- ◆ privacy and weather protection of a smaller opening
- ◆ mullions can be simply disengaged to provide unrestricted full width access
- ◆ mullions for smaller doors lift out by hand
- ◆ For doors over 3000mm high, hinged mullions are usually hinged by a supporting bracket at the head and are raised up out of the way by a winch and counterweight system quickly and easily.



WICKET GATES / ESCAPE GATES

Wicket Gates or Escape Gates provide quick and easy access in or out of the premises, without the need to raise the door.

- ◇ The **Wicket Gate** opening size is 1780mm high x 600mm wide. This gate is specified when inward opening is required.
- ◇ The **Escape Gate** opening size is 2170mm high x 800mm wide, which provides easy access for frequent use. This gate is specified when outward opening is required.

Both gate types are fitted with an external key operated night latch lock. When the door is in the open position the cranked bottom rail hangs 65mm below the lintel.



VENTILATED CURTAINS

Where ventilation is required the doors may be partially or fully perforated to allow airflow or light penetration.

BENEFIT

- ◆ security with airflow