

Envir-A-Shutter™**Roll-A-Shutter®**

8/50GS

8/50D

4/100

Advantage (6/8/10/12)

Bottom Rails & Optional Weatherseals

Slat Profiles

Additional Options

6/100

8/100

10/100

12/100

Series 40

Series 65

Series 90

Clear-A-View™

Crystal-View

Roll-A-Grille®

12mm

19mm



Insulated aluminium shutter



description

The B&D Envir-A-Shutter™ is the first fully insulated aluminium shutter. The slat has two aluminium skins that encase a layer of polyurethane insulation. It is the perfect choice for applications that require thermal or sound insulation.

The Envir-A-Shutter is made up of a number of slats that are hinged together and move vertically in the opening, then roll around the torque tube, guided by tracks and aided by springs.

profile

MODEL	Envir-A-Shutter
MODEL CODE	RASE
MAX DOOR HEIGHT	5500mm
MAX DOOR WIDTH	5500mm
R VALUE	0.25 W/m²K
LOCKING	Sliding shoot bolt locking, chain lock cleats and bottom rail centre lift lock
DRUM TYPE	203mm diameter torque tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

The Envir-A-Shutter suits opening sizes from 1900mm high by 1900mm wide to 5500mm high by 5500mm wide.

features

- Polyurethane contained within the slats to provide thermal insulation properties that reduce heating and cooling costs therefore decreasing environmental impact.
- Sound insulation is provided by the polyurethane infills. This can reduce sound emissions by up to 23Db, resulting in an active decrease in noise pollution.
- Unique brush inserts in the guides decrease friction and noise during operation and enhance the durability of the shutter. When the shutter is closed, the brush inserts also ensure that banging caused by the wind is greatly reduced. Ideal for use in noise sensitive areas such as offices over factories, garages or apartment complexes with a common entry shutter.
- Dual skin slats, guides and bottom rail are manufactured from aluminium. This greatly reduces the risk of rust or corrosion.
- Strong yet lightweight, providing security with style whilst also ensuring a much easier installation.
- Nylon end clips together with unique rubber inserts firmly hold the slats in the guides.
- Can be operated either by hand chain, residential rolling door opener or by 240V ½ HP opener for maximum convenience.

specifications

CURTAIN: Material: A1 Alloy 3005 H18. This material features extensive rigidity of 205Mpa and yield strength of 187Mpa. The proportion of filled foam is 32kg/m³. Dimensions: 19mm thick and nominal effective slat width of 77mm.

FINISH: Curtain: Beckrypol ARS353 coating, which is available in three standard colours, Off White, Pewter and Cream. This is a polyester system modified with polyamide beads to give a high degree of scratch resistance. Shutter slats may also be powder coated. Hauling chains: Zinc dichromate plated.

CURTAIN CLIPS: Moulded nylon clips fitted to alternate slats by two rivets.

BOTTOM RAIL: Extruded aluminium.

GUIDES: A1 alloy, white extruded aluminium channel with brush inserts. Depth 55mm x width 130mm.





Insulated aluminium shutter

TORQUE TUBE: Material: Galvanised steel. Fitted with 30% glass filled 4.0mm polypropylene homo-polymer plastic drums mounted on a 33.7mm axle. Axle end reinforcement on larger doors as specified. Tube diameter: 203mm
Wall thickness: 1.6mm withstands a minimum deflection of 1 in 350mm.

BRACKET FIXING DETAILS: Masonry: Three 10mm masonry anchors and hex head bolts.
Steel work: As specified.

GEARS: B&D Series 2 planetary gearing, 4:1 ratio manual gearbox. Electric drive with the gearing ratio selected in accordance with shutter size.

LOCKING: No locking is normally provided.

OPTIONS: Aluminium slide bolts for use with padlocks, chain lock cleats for chain operated and bottom rail centre lift lock for manual operation. Locking is not recommended for use with motorised operation.

Electric Operation: Is available as an option. Please consult B&D Doors or your B&D Dealer for advice.

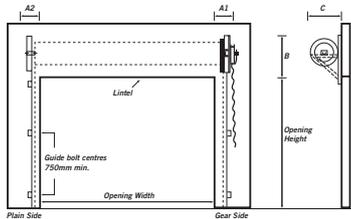
colours/finishes

The Envir-A-Shutter is available in three standard colours: Off White, Pewter and Cream. Powder coating is also available.

options

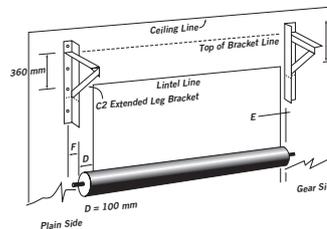
- Vision slats with removable Perspex inserts for ventilation.
- Locking.

CLEARANCES



- A1** = Gearside-Door opening to axle end
- A2** = Plainside-Door opening to axle end
- B** = Headroom
- C** = Interior room

BRACKET BOLT FIXING DETAIL



FIXING

- Masonry: 12mm ragged bolts or masonry anchors.
- Steel: 12mm engine bolts.
- Timber: 12mm coach bolts
- D** = Door jamb opening to end of drum is 110mm
- E** = GEAR SIDE measurement from end of drum (not the gear wheel) to the fixing bolt centre line
- F** = PLAIN SIDE measurement from end of drum to the fixing bolt centre line

STANDARD PARAMETERS

- Curtain width = Opening width + 120mm
- Drum length = Opening width + 220mm
- Axle length = Opening width + 720mm

*A1 and A2 are 350mm standard

*Note 1 Axles extend 350mm on both sides of the opening as standard, thus in order to achieve stated minimums the axle needs to be cut down

*Note 2 On larger doors axle ends are reinforced with solid bar welded into place, if axle needs to be cut, solid bar must be rewelded

CLEARANCE DIMENSIONS

	A1 _{min} *	A2 _{min} *	B	B(min)	C	E	F	Approx Weight (Drums & Curtain)
Planetary Gear Drive for smaller doors under either 4500mm high or 4500mm wide								
2200mm x 2200mm	280mm	190mm	630mm	580mm	405mm	145mm	80mm	110kg
3000mm x 3000mm	280mm	190mm	680mm	630mm	455mm	145mm	80mm	160kg
3600mm x 3600mm	280mm	190mm	700mm	650mm	475mm	145mm	80mm	200kg
Gearbox Drive for Doors over either 4500mm high or 4500mm wide								
4500mm x 4500mm	260mm	190mm	720mm	670mm	495mm	125mm	80mm	280kg
5500mm x 5500mm	260mm	190mm	720mm	670mm	495mm	125mm	80mm	360kg

All measurements are in millimeters and are minimum unless otherwise shown.

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Envir-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.
- The standard Envir-A-Shutter is not suitable for high use/cycle situations. For advice please consult B&D.





Roll-A-Shutter®

8/50GS

industrial slat type shutter



description

Designed for small and light industrial applications. It is used in counters, kiosks & bars, shop trucks & vans.

slats



0.8mm, continuous roll formed, interlocking, coated galvanised steel slats. Nominal effective pitch of 50mm. Zinc coating of not less than 275g/m². The curtain is fitted with moulded nylon clips to the ends of alternate slats by two nylon rivets.

size

	MINIMUM	MAXIMUM
HEIGHT	900mm	5000mm
WIDTH	900mm	5000mm

features

- A special steel van shutter model comes complete with centre-controlled key locking.
- Can be adapted for between wall situations or doorways with clearance limitations.

specifications

BOTTOM RAIL: Steel box section, 75mm (h) x 40mm (w) bottom rail. Top edge formed to interlock with the bottom slat of the shutter, cold roll-formed from 2mm steel. Optional extruded aluminium bottom rail 70mm (h) x 54mm (w) base. Taper: Optional, 30mm - 150mm. Weatherseal: Standard.

GUIDES: Two types of cold roll formed galvanised steel channel sections used: 50mm channel made from 2.5mm thick material up to 3200mm (w). 75mm channel made from 3.2mm thick material optional to 3200mm (w), standard over 3200mm (w).

DRUM: Openings above 2100mm x 2100mm, a 168mm diameter steel tube with wall thickness of 3.2mm used.

SPRINGS: Helical torsion type drum springs, made from spring steel wire. Spring life 20,000 cycles.

OPERATION: Manual, chain geared or power driven. Chain operated shutters fitted with a spur gear attached to one end of the drum and meshing with a number of gears to give designed gear ratio. Motor driven shutters fitted with a sprocket to one end of the drum and driven by transmission chain.

BRACKETS: 50mm x 50mm x 6mm hot roll steel angle, supplied with spindle support angles or 8-10mm M/S plate.

DIRECT LIFT: Directly driven motor requiring no springs within the drum. Inclusive of a safety brake system. Drive life designed for 100,000 cycles with safe drive, curtain life designed for 50,000 cycles.

LOCKING:

Hand operated: External Bottom rail slide bolt. Chain Operated: Chain cleat locking.

Options:

- No locking or key locking on bottom rail key locking.
- Rivers lock.

8/50GS

industrial slat type shutter

colours/finishes

Curtain, guides and box bottom rail are zinc coated galvanised steel. Aluminium bottom rails are mill finished aluminium. Option - Curtain and bottom rail in powder coat finish. All mild steel components are prime coated. Hauling chains shall be zinc passivated.

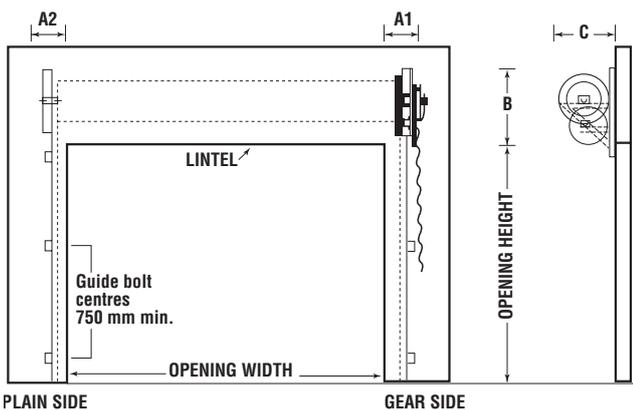
options

- Ventilation: Optional - slotted.
- Mullions: Optional.
- Personnel access: Optional.
 - Wicket gates (inward opening) 1200mm (h) x 600mm (w).
 - Escape gates (outward opening) 2030mm (h) x 1020mm (w).
 - Access gate (inward opening) 2030mm (h) x 1020mm (w).

fixing

OPENING ROOM	SIDEROOM MOTOR END	SIDEROOM PLAIN END	HEADROOM	BACKROOM	AXLE TO WALL	AXEL TO LINTEL
SPRUNG DRUM	A1	A2	B	C	N/S	N/S
2200mm x 2200mm	370	265	610	670	205	405
3000mm x 3000mm	370	265	610	670	205	405
3600mm x 3600mm	370	265	650	670	225	425
4000mm x 4000mm	370	265	650	670	225	425
4500mm x 4500mm	370	265	690	670	245	445
5000mm x 5000mm	370	265	690	670	245	445

CLEARANCES



All measurements are in millimeters and are minimum unless otherwise shown.

STANDARD PARAMETERS FIXING

Curtain width = Opening width + 120mm
 Drum length = Opening width + 220mm
 Axle length = Opening width + 720mm

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.



Roll-A-Shutter®

8/50D

industrial slat type shutter



description

Designed for small and light industrial applications. It is used in counters, kiosks & bars, shop trucks & vans.

slats



0.8mm, continuous roll formed, interlocking, coated galvanised steel slats. Nominal effective pitch of 50mm. Zinc coating of not less than 275g/m². The curtain is fitted with moulded nylon clips to the ends of alternate slats by two nylon rivets.

size

	MINIMUM	MAXIMUM
HEIGHT	900mm	2100mm
WIDTH	900mm	2100mm

features

- A special steel van shutter model comes complete with centre-controlled key locking.
- Can be adapted for between wall situations or doorways with clearance limitations.

specifications

BOTTOM RAIL: Steel box section, 75mm (h) x 40mm (w) bottom rail. Top edge formed to interlock with the bottom slat of the shutter, cold roll-formed from 2mm steel. Optional extruded aluminium bottom rail 70mm (h) x 54mm (w) base. Taper: Optional, 30mm - 150mm. Weatherseal: Standard.

GUIDES: Two types of cold roll formed galvanised steel channel sections used: 50mm channel made from 2.5mm thick material up to 3200mm (w). 75mm channel made from 3.2mm thick material optional to 3200mm (w), standard over 3200mm (w).

DRUM: Shutters up to 2100mm (h) x up to 2100mm (w) an 89mm diameter steel tube with wall thickness of 1.6mm used.

SPRINGS: Helical torsion type drum springs, made from spring steel wire. Spring life 20,000 cycles.

OPERATION: Manual, chain geared or power driven. Chain operated shutters fitted with a spur gear attached to one end of the drum and meshing with a number of gears to give designed gear ratio. Motor driven shutters fitted with a sprocket to one end of the drum and driven by transmission chain.

BRACKETS: 50mm x 50mm x 6mm mild steel angle, supplied with spindle support angles or 8-10mm M/S plate.

LOCKING:

Hand operated: External Bottom rail slide bolt. Chain Operated: Chain cleat locking.

Options:

- No locking or key locking on bottom rail key locking.
- Rivers lock.



Roll-A-Shutter®

8/50D

industrial slat type shutter

colours/finishes

Curtain, guides and box bottom rail are zinc coated galvanised steel. Aluminium bottom rails are mill finished aluminium. Option - Curtain and bottom rail in powder coat finish. All mild steel components are prime coated. Hauling chains shall be zinc passivated.

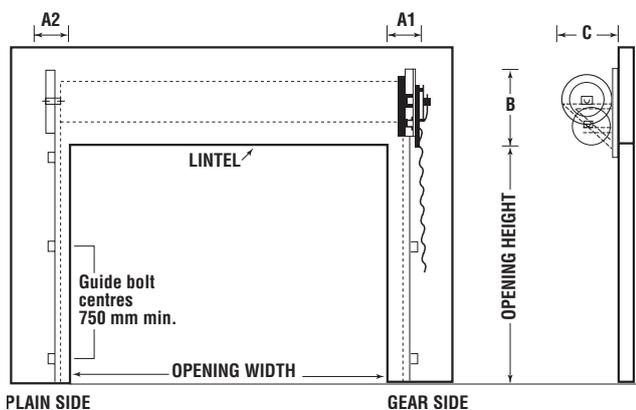
options

- Ventilation: Optional - slotted.
- Mullions: Optional.

fixing

OPENING ROOM	SIDEROOM MOTOR END	SIDEROOM PLAIN END	HEADROOM	BACKROOM	AXLE TO WALL	AXEL TO LINTEL
SPRUNG DRUM	A1	A2	B	C	N/S	N/S
900mm x 900mm	150	150	320	220	110	210
1000mm x 1000mm	150	150	320	220	110	210
1550mm x 1550mm	150	150	340	240	120	220
2100mm x 2100mm	150	150	360	260	130	230

CLEARANCES



All measurements are in millimeters and are minimum unless otherwise shown.

STANDARD PARAMETERS FIXING

Curtain width = Opening width + 120mm

Drum length = Opening width + 220mm

Axle length = Opening width + 720mm

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.





Roll-A-Shutter®

4/100

industrial slat type shutter



description

Economical, light industrial door suitable for sheds and warehouses. It is typically used in counters, kiosks & bars, emergency service and supermarket entrances.

Roll-A-Shutter 4-100 is supplied with the slats pre-assembled, on the drum for quicker installation time.

slats



High tensile G550 continuous roll formed, interlocking, coated Galvabond® steel slats. Nominal effective pitch of 100mm with 3 small ribs. Zincalume® coating of not less than 150g/m². Moulded nylon clips fitted to end of alternate slats by means of three nylon rivets.

size

	MINIMUM	MAXIMUM
HEIGHT	1900mm	5500mm
WIDTH	1900mm	5500mm

features

- Unique design allowing reduced installation time.
- Glass reinforced polypropylene drums inside of spiraduct tubing.
- Curtain comes pre-rolled up on the drum, for simpler installation procedure.
- Utilises 240V ½ HP motor and sprocket or for smaller manual operation use B&D Planetary drive 4:7:1 ratio and for larger manual operation use 18:1 ratio.
- Available in Zincalume®, Powdercoated or COLORBOND®.

specifications

BOTTOM RAIL: Extruded aluminium T section bottom rail. Top edge formed to interlock with the bottom slat of the shutter.

Taper: No.

Weatherseal: Standard.

GUIDES: Steel channel, cold roll formed, galvanised 2.0mm steel, depth of 70mm.

TORQUE TUBE: Torque tube is 203mm diameter. Wall thickness 1.6mm galvanised steel, to withstand a minimum deflection of 1:350mm. Torque tube fitted with 30% glass filled polypropylene homo-polymer plastic drums mounted on 33.7mm axle, having minimum thickness 4.0mm.

SPRINGS: Spring life designed for 10,000 cycles.

OPERATION: B&D Series 2 Planetary Gearing or 5:1 ratio manual gearbox or electric drive with gearing ratio selected in accordance with shutter size.

BRACKETS: Hot dipped, galvanised 50mm hot rolled steel, used with double saddles and high tensile steel bolts.

LOCKING:

Hand operated: External Bottom rail slide bolt.

Chain operated: Chain cleat locking.

Options: no locking, internal slide bolts, internal and external slide bolts or key locking on aluminium bottom rails up to 4800mm wide.



Roll-A-Shutter®

4/100

industrial slat type shutter

colours/finishes

Galvanised steel finish with all M/S components prime coated. Optional Zinalume, Colorbond (limited colours) or powder coat finish available when specified. Hauling chains are zinc passivated.

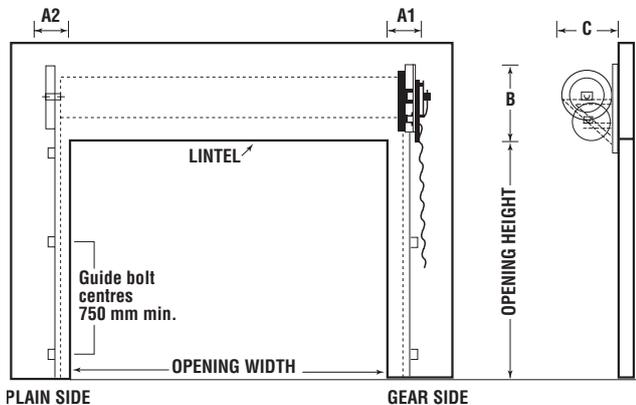
options

- Ventilation: No
- Mullions: No
- Personnel access: No

dimensions

OPENING HEIGHT	A1	A2	B	B MIN	C	APPROX. WEIGHT (DRUMS & CURTAIN)
Planetary gear drive for doors under 4500mm high or wide						
2200mm	280	190	630	580	405	110kg
3000mm	280	190	680	630	455	160kg
3600mm	280	190	700	650	475	200kg
Hand winder drive for doors over 4500mm high or wide						
4500mm	260	190	720	670	495	280kg
5500mm	260	190	720	670	495	360kg

CLEARANCES



All measurements are in millimeters and are minimum unless otherwise shown.

STANDARD PARAMETERS FIXING

Curtain width = Opening width + 120mm

Drum length = Opening width + 220mm

Axle length = Opening width + 720mm

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.





Roll-A-Shutter®

Advantage (6/8/10/12)

industrial slat type shutter

description

Robust shutter suited to a multitude of applications including factories, warehouses, carparks, kiosks, bars and more.

slats

SLAT THICKNESS	MIN HEIGHT	MAX HEIGHT	MIN WIDTH	MAX WIDTH
6/100	900	6000	900	7000
8/100	900	6000	900	7000
10/100	900	10000	900	12000
12/100*	900	10000	900	12000

* Up to 10,000 (h) x 11,500 (w) or 8,400 (h) x 12,000 (w).

bottom rail

6/100* 8/100* 10/100* 12/100*	Extruded aluminium T section bottom rail. Top edge formed to interlock with the bottom slat of the shutter.
	OPTIONS Steel box section, 75mm (h) x 40mm (w) bottom rail. Top edge formed to interlock with bottom slat of shutter, cold roll formed from 2mm steel. Taper: Optional, Minimum taper 30mm. Maximum taper 150mm. Weatherseal: Standard. Wind rated not available with wicket gate option. Slats over 7 metres wide or tapered slats requires a box section bottom rail.

locking

6/100* 8/100* 10/100* 12/100*	Hand operated: External bottom rail slide bolt. Standard: Internal chain cleat.
	OPTIONS Key locking: Fitted for aluminium bottom rail. Locking bolts: For steel bottom rail only. Internal use only. Bottom rail shoot bolt. Internal and external slide bolts or key locking on aluminium bottom rails up to 4800mm wide. Rivers lock.

specifications

GUIDES: Steel channel, cold roll formed, 2.0mm steel, depth of 70mm.

HIGH WIND LOCKING: Roll formed guide 3mm thick steel 90 x 50 for high wind shutters up to 6.5m high. Roll formed guide 3mm thick steel 90 x 50 on RHS back jamb 5mm thick steel 75 x 50 for high wind shutters over 6.5m high.

SPRINGS: Helical torsion type drum springs, made from spring steel wire. Spring life designed for 20,000 cycles.

DRUM: Steel tube drum, a minimum O.D of 168mm x 3.18mm wall thickness. Designed so drum stress does not exceed 124MPa. Drum is fitted with bearings, mounted on a bright mild steel spindle with a minimum thickness of 35mm.

OPERATION: Manual hauling chain on guide rope, chain geared or power driven.

DIRECT LIFT: Directly driven motor requiring no springs within the drum. Inclusive of a safety brake system.

Drive life designed for 100,000 cycles with safe drive*. *6/100 & 8/100 slats are only designed for 50,000 cycles.

BRACKETS: Two piece bracket can be mounted inside or outside, or on either side of opening. 12mm mild steel construction.

colours/finishes

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

options

- Ventilation: Optional - slotted, hole punched.
- Mullions: Optional.
- Personnel access: Optional.
 - Wicket gates (inward opening) 1200mm (h) x 600mm (w).
 - Escape gates (outward opening) 2030mm (h) x 1020mm (w).
 - Access gate (inward opening) 2030mm (h) x 1020mm (w).
- Windlocked: Optional.
- Tapers: 30mm to 150mm.



Roll-A-Shutter®

Advantage (6/8/10/12)

industrial slat type shutter

slat perforation

SLAT THICKNESS	SOLID SLAT	PERFORATION	SLOTTED SLAT (% FREE AREA PER SLAT)		
6/100	N/A	N/A	32mm Round (14.5%)	8 x 77 (4%)	18.5 x 101 (13%)
8/100	N/A	N/A	32mm Round (14.5%)	8 x 77 (4%)	18.5 x 101 (13%)
10/100	N/A	(40%)	32mm Round (14.5%)	8 x 77 (4%)	18.5 x 101 (13%)
12/100	N/A	N/A	32mm Round (14.5%)	8 x 77 (4%)	18.5 x 101 (13%)

NOTES / INFORMATION

- A) 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 Doors or your B&D accredited dealer for advice.
- B) Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- C) 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.
- D) Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- E) B&D products have many patents and registered designs applicable.
- F) Details correct at date of publication. Specifications subject to change without notice.





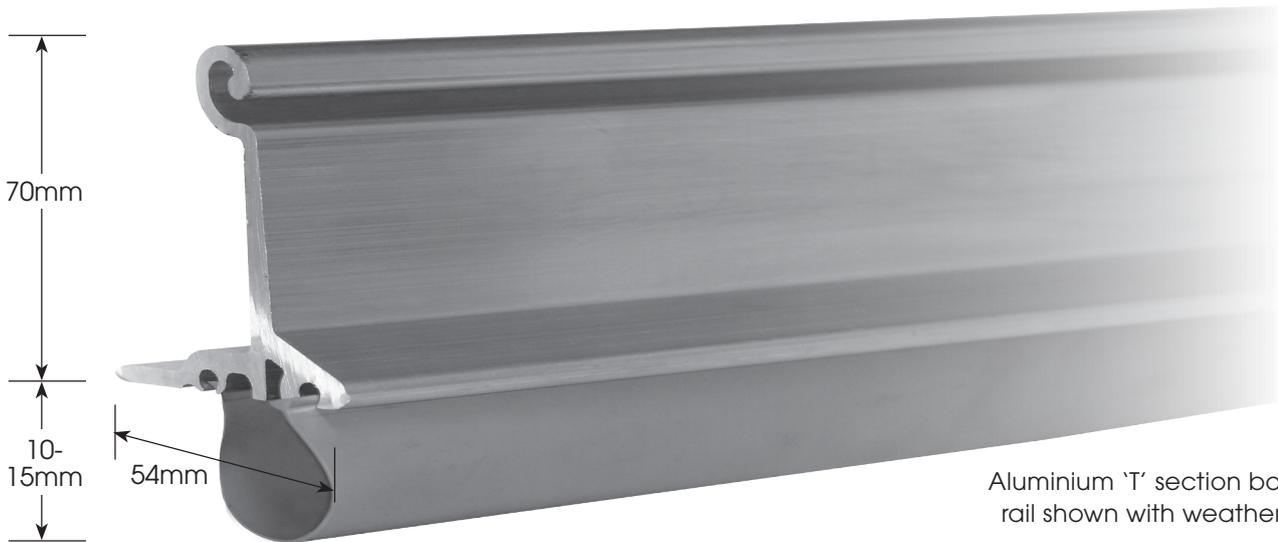
Roll-A-Shutter®

Advantage (6/8/10/12)

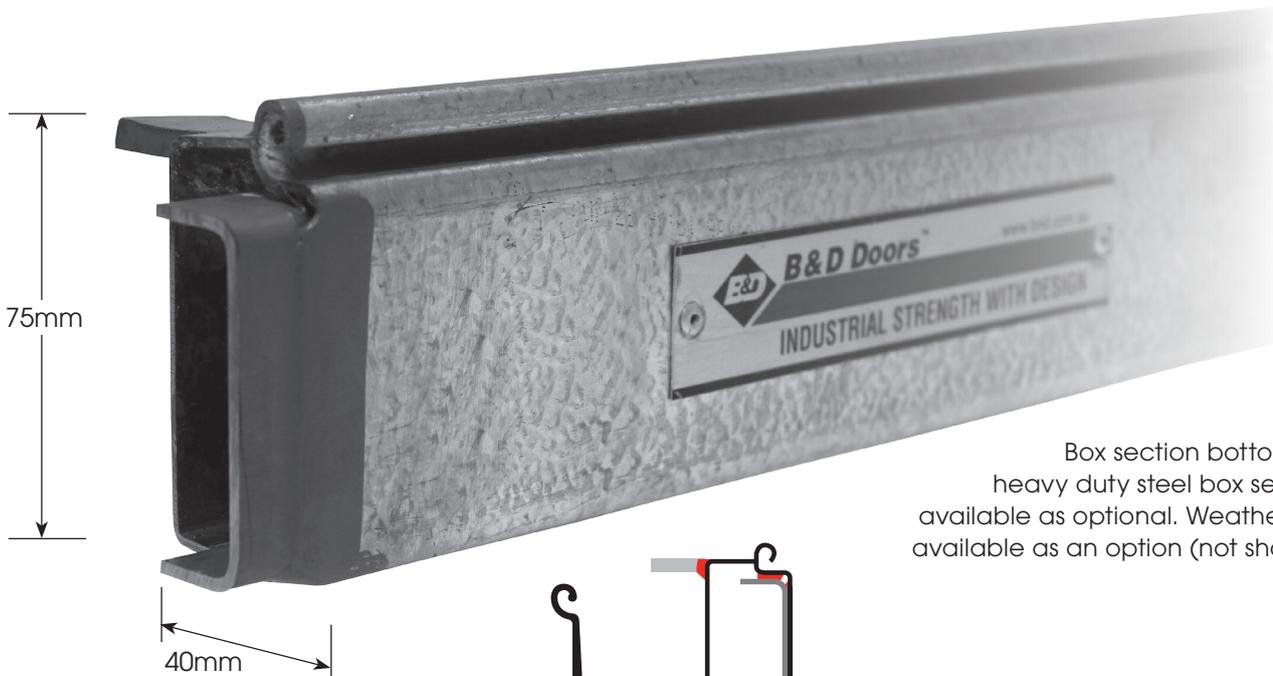
bottom rails & optional weatherseals

bottom rails

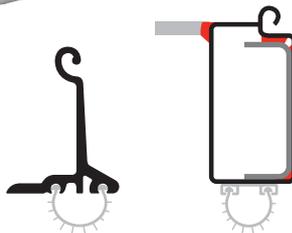
- Aluminium 'T' section bottom rail. Top edge formed to interlock with the bottom slat of the shutter.
- Box section bottom rail used with wicket gate and windlocked options. (box section bottom rail not available on 4/100).
- Box section bottom rail standard for over 7000mm (w) for added strength and security.
- Box section bottom available on all doors as an option.



Aluminium 'T' section bottom rail shown with weatherseal.



Box section bottom rail heavy duty steel box section available as optional. Weatherseal available as an option (not shown).



NOTES / INFORMATION

- A) Information relating to product measurements, colours and specifications is accurate at the time of print and is subject to slight variations resulting from the manufacturing process.
- B) B&D reserves the right to change product specifications at any time.
- C) Take care when handling and storing slats. Damage to the slats can affect door performance.

[RETURN TO INDEX](#)





Roll-A-Shutter®

Advantage (6/8/10/12)

slat profiles

PERFORATION SLOTTING OPTIONS FOR THE ROLL-A-SHUTTER ADVANTAGE RANGE (6/100, 8/100, 10/100 & 12/100)

	SLAT THICKNESS	SOLID SLAT	PERFORATION	SLOTTED SLAT (% FREE AREA PER SLAT*)
ADVANTAGE COLLECTION	6/100			<p>32mm Round (14.5%) 8 x 75mm (4%) 19 x 101mm (13%)</p>
	8/100			<p>32mm Round (14.5%) 8 x 75mm (4%) 19 x 101mm (13%)</p>
	10/100			<p>32mm Round (14.5%) 8 x 75mm (4%) 19 x 101mm (13%)</p>
	12/100			
	Windlock			*Ventilation % worked out per slat, with every second slat being a solid slat.

NOTES / INFORMATION

- A) Information relating to product measurements, colours and specifications is accurate at the time of print and is subject to slight variations resulting from the manufacturing process.
- B) B&D reserves the right to change product specifications at any time.
- C) Take care when handling and storing slats. Damage to the slats can affect door performance.

[RETURN TO INDEX](#)





Roll-A-Shutter®

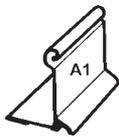
Advantage (6/8/10/12)

additional options

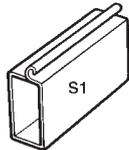
bottom rails

All shutters are equipped with bottom rails as shown below.

The steel box section bottom rail is 75mm high x 40mm wide, cold roll formed from 2mm galvanised steel, with the top edge forms to interlock with the bottom slat. The aluminium bottom rail is 70mm high x 54mm wide extruded aluminium T section with the top edge formed to interlock with the bottom slat of the curtain.



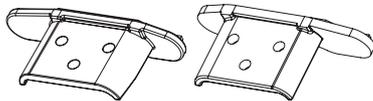
Aluminium bottom rail (extrusion)



Steel bottom rail (section)

nylon and windlocked end clips

All shutters, with the exception of some windlocked types, are fitted with specially moulded nylon end clips to ensure smooth quiet, low friction operation.



Nylon end clips



Steel windlocked end clips

gears

Chain operated shutters are fitted with a spur gear attached to one end of the drum and meshing with a number of gears to give a desired gear ration, depending on shutter size. Motor driven shutters are fitted with a sprocket to one end of the drum and driven by transmission chain.

drums

Heavy duty drum and bracket assemblies for long, reliable product life. For openings up to and including 2100mm x 2100mm, an 89mm diameter steel tube with a wall thickness of 1.6mm is used for the drum. For openings above 2100mm x 2100mm, a 168mm diameter steel tube with a wall thickness of 3.2mm is used.

brackets

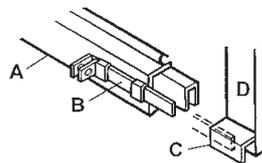
The shutter support brackets are fabricated from 50x50x6mm mild steel angle, supplied with spindle support angles and fitted with 12mm steel bolts. Each bracket is fixed to the wall with no less than 12mm masonry anchors and hex head bolts or may be welded directly to steelwork.

springs

The springs are a helical torsion type made from spring steel wire conforming to AS1472. These are designed to suit to opening dimensions, without exceeding the safe working stress limits.

locking

Hand operated shutters are fitted with bottom rail locking bars as standard. Chain operated shutters are fitted with a chain cleat lock as standard, which is welded to the guide and is lockable by means of a padlock. Motor driven shutters are not to be fitted with locking bars, chain cleats or key locking, unless supplied with safety electrical switches. Optional bottom rail key locking is available when specified.



Padbolt locking

- A - Bottom rail
- B - Locking bar: 1 each side
- C - Locking bar keeper
- D - Guide



Roll-A-Shutter®

Advantage (6/8/10/12)

additional options

electric operation

All shutters can be electrically operated, (except 8/50D). The optional unit can be supplied complete with self contained limit switches, wall mounted control box, reversing type starter with thermal overload, grease filled heavy duty worm drive gearbox and emergency chain operation in case of power failure.

Motor and drive chain size are selected to suit the specific type and size of shutter, and the complete unit is mounted on the main shutter support bracket.

The standard motor unit position is externally mounted beside the opening, it can be fitted internally if sideroom is limited. 3 phase motors are supplied as standard, however, single phase, logic controls and other units are available upon request, as optional extras.

Limit switch adjustment and power connection are all that is required of the purchaser's electrician to complete installation.

NOTE: In the event of a power failure, all B&D electrically operated shutters are equipped with an emergency hauling chain that will allow manual operation.

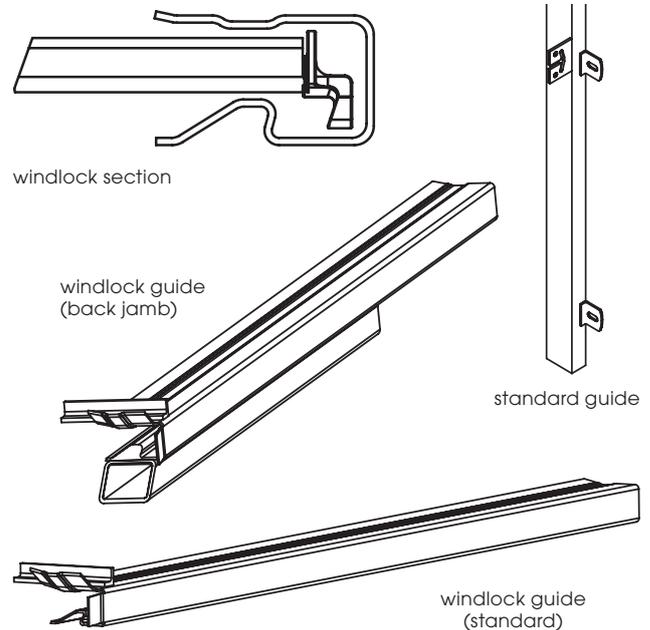
ventilation

All shutters can be supplied with slotted or perforated slats for ventilation purposes, to a maximum of 14.5% with slotting and 40% with perforation, of curtain surface area, depending on model selected. Windlocked shutters cannot be ventilated.

guides standard and windlocked

Two types of cold roll formed galvanised steel channel sections are used, on non windlocked shutters. 50mm channel made from a 2.5mm thick material and 75mm channel made from a 3.2mm thick material. Both are formed with an internal working clearance for the curtain clips. The top of the channel is flared to facilitate entry of the curtain. The guides are fixed securely to the walls at intervals of not more than 750mm x 9.5mm masonry anchors and hex head bolts, or may be welded directly to steelwork.

For high wind force conditions, 10/100, 8/100 and 6/100 shutters can be fitted with cast steel windlock clips and steel roll formed guides. The windclips prevent the curtain from deflecting out of the guide due to extreme wind pressure. Roll formed guides are 3mm thick steel 90 x 50. Recommended method of securing roll formed guides is by 40mm long intermittent fillet welds to the steel building structure at 250mm centres. Roll formed guides and rectangular hollow section backjamb are available as an option.



key locking

Key locking is available for all types of shutters up to 4800mm wide. 10/100 shutters can also be supplied with a key operated mortice lock fitted into the heavy duty steel box section bottom rail.

sloping floors

Specially tapered bottom rail assemblies are available for all steel shutters to suit sloping floors.

mullions

Very wide openings can be accommodated with a variety of fixed or removable mullions. The range covers life out, sliding and winch operated hinged types to meet any shutter size or requirements.



Advantage (6/8/10/12)

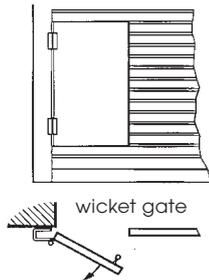
additional options

wicket and escape gates

Wicket gates can be fitted to all non windlocked shutters either on the left hand or right hand side and include a key operated night latch. Wicket gates open on the inside and are hinged from the side guides. Gates are 1220mm high x 610mm wide and fit into the shutter curtain 300mm up from the bottom rail.

Escape gates are special outward opening, full size gates. Escape gates are fitted at floor level and can not be manufactured with a taper. Available on request doors may be manufactured to swing inwards. Escape and Access gate size 2030 high x 1020 wide.

NOTE: There will remain a 10mm high bar across the floor of the opening when the escape gate is open.



rust protection

Curtains are of zinc coated steel or aluminium and the slats are self draining to prevent moisture retention. All steel components including guides, bottom rails, brackets, drum assemblies, etc. are either zinc coated or zinc or red oxide primed. All geared shutters have fully plated hand chains.

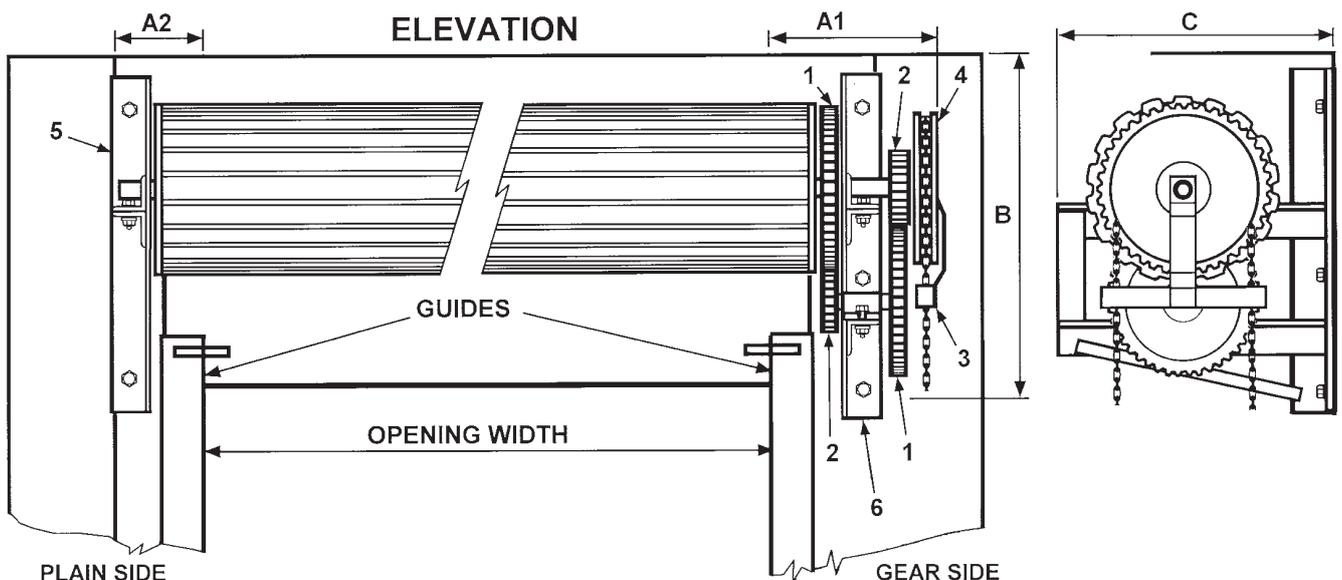
restricted sideroom

The use of an optional train of gears will reduce the side clearance required on the gear end to 200mm. An optional combined bracket/guide will reduce the clearance required on the plain end to 127mm. It should also be noted that shutters may also be installed on external walls, with the curtain rolled in reverse.

fixings

It is essential that the structure to which the shutter is to be fixed is of sufficient strength to support the operation load of the shutter to be used. In this regard, B&D expressly stipulate that the provision of fixing surfaces which will ensure adequate strength to carry the shutter are not the responsibility of the B&D.

elevation



- 1. Gear wheels
- 2. Pinion wheels
- 3. Chain guide
- 4. Chain pulley
- 5. Fabricated-Plain bracket
- 6. Fabricated-Gear bracket

- A1. Sideroom Gear Side
- A2. Sideroom Plain Side
- B. Headroom
- C. Rearward clearance





Roll-A-Shutter®

6/100

industrial slat type shutter



description

Designed for general purpose, light industrial applications such as factories and warehouses. It is typically used in carparks, counters, kiosks & bars, emergency service, restaurants, showrooms and supermarket entrances.

slats



0.6mm, continuous roll formed, interlocking, coated galvanised steel slats. Nominal effective pitch of 100mm. Zinc coating of not less than 275g/m².

size

900mm to 6000mm (h) and 900mm to 7000mm (w).

features

- The 6/100 is easily operated manually, no chain wheel up to 7.5m².
- Chain geared or electrically powered also available.

specifications

BOTTOM RAIL: Extruded aluminium T section bottom rail. Top edge formed to interlock with the bottom slat of the shutter.

Taper: Optional. Minimum 30mm. Maximum 150mm.

Weatherseal: Standard.

Wind rated: Optional (box rail required).

GUIDES: Steel channel, cold roll formed, 2.0mm steel, depth of 70mm.

HIGH WIND LOCKING: Roll formed guide 3mm thick steel 90 x 50 for high wind shutters up to 6.5m high. Roll formed guide 3mm thick steel 90 x 50 on RHS back jamb 5mm thick steel 75 x 50 for high wind shutters over 6.5m high.

DRUM: Steel tube drum, a minimum O.D of 168mm x 3.18mm wall thickness. Designed so drum stress does not exceed 124MPa. Drum is fitted with bearings, mounted on a bright mild steel spindle with a minimum thickness of 35mm.

SPRINGS: Helical torsion type drum springs, made from spring steel wire conforming to AS1472. Spring life 20,000 cycles.

DIRECT LIFT: Directly driven motor requiring no springs within the drum. Inclusive of a safety brake system. Drive life of 100,000 cycles.

OPERATION: Manual, chain geared or power driven.

BRACKETS: Two piece bracket can be mounted inside or outside, or on either side of opening. 12mm mild steel construction.

LOCKING:

Hand operated: External Bottom rail slide bolt.

Key locking: Fitted for aluminium bottom rail.

Locking bolts: For steel bottom rail only.

Internal use only.

Options: No.

Internal and external slide bolts or key locking on aluminium bottom rails up to 4800mm wide.



Roll-A-Shutter®

6/100

industrial slat type shutter

colours/finishes

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

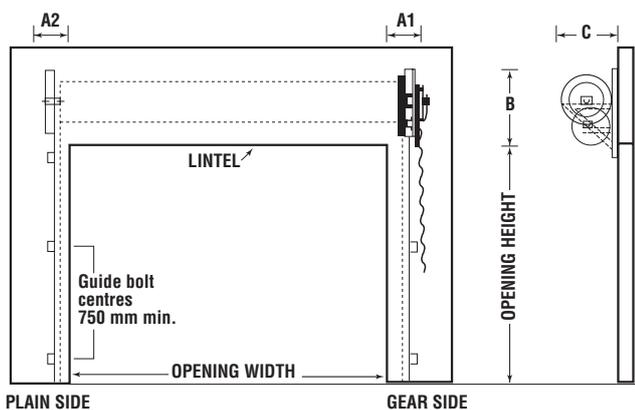
options

- Ventilation: Optional - slotted, hole punched.
- Mullions: Optional.
- Personnel access: Optional.
 - Wicket gates (inward opening) 1200mm (h) x 600mm (w). Not available on wind rated.
 - Escape gates (outward opening) 2030mm (h) x 1020mm (w).
 - Access gate (inward opening) 2030mm (h) x 1020mm (w).

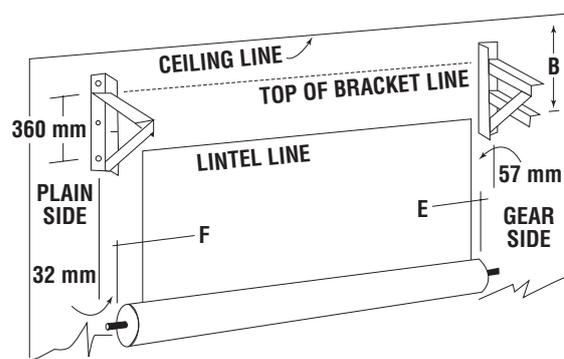
dimensions

	A1	A2	B	B MIN	C	E	F	APPROX WEIGHT (DRUMS & CURTAIN)
Planetary Gear Drive for smaller doors under either 4500mm high or 4500mm wide								
2200mm x 2200mm	270	180	630	580	405	145	80	110kg
3000mm x 3000mm	270	180	680	630	455	145	80	160kg
3600mm x 3600mm	270	180	700	650	475	145	80	200kg

CLEARANCES



BRACKET BOLT FIXING DETAIL



FIXING

- “D” = Door jamb opening to end of drum is 100mm.
- “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.

STANDARD PARAMETERS FIXING

- Curtain width = Opening width + 120mm
- Drum length = Opening width + 200mm
- Axle length = Opening width + 700mm

All measurements are in millimeters and are minimum unless otherwise shown.

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.





Roll-A-Shutter®

8/100

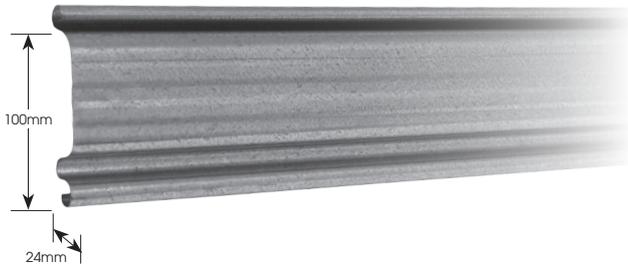
industrial slat type shutter



description

Designed for most general purpose allocations, medium size factory doorways. It is typically used in car parks, counters, kiosks & bars, emergency service, restaurants, showrooms and supermarket entrances.

slats



0.8mm, continuous roll formed, interlocking, coated galvanised steel slats. Nominal effective pitch of 100mm. Zinc coating of not less than 275g/m².

size

900mm to 6000mm (h) and 900mm to 7000mm (w).

features

- Operation by way of a wide choice of manual, chain geared or power driven methods, ensuring minimal operational effort.

specifications

BOTTOM RAIL: Extruded aluminium T section bottom rail. Top edge formed to interlock with the bottom slat of the shutter. Box section bottom rail used with wicket gate option.

Taper: Optional. Minimum 30mm. Maximum 150mm.

Weatherseal: Standard.

Wind rated: Optional (box rail required).

GUIDES: Steel channel, cold roll formed, 2.0mm steel, aluminium depth of 70mm.

HIGH WIND LOCKING: Roll formed guide 3mm thick steel 90 x 50 for high wind shutters up to 6.5m high.

Roll formed guide 3mm thick steel 90 x 50 on RHS back jamb 5mm thick steel 75 x 50 for high wind shutters over 6.5m high.

DRUM: Steel tube drum, a minimum O.D of 168mm x 3.18mm wall thickness. Designed so drum stress does not exceed 124MPa. Drum is fitted with bearings, mounted on a bright mild steel spindle with a minimum thickness of 35mm.

SPRINGS: Helical torsion type drum springs, made from spring steel wire conforming to AS1472. Spring life 20,000 cycles.

DIRECT LIFT: Directly driven motor requiring no springs within the drum. Inclusive of a safety brake system. Drive life of 100,000 cycles.

OPERATION: Manual, chain geared or power driven.

BRACKETS: Two piece bracket can be mounted inside or outside, or on either side of opening. 12mm mild steel construction.

LOCKING:

Hand operated: Bottom rail shoot bolt.

Key locking: Fitted for aluminium bottom rail.

Locking bolts: For steel bottom rail only.

Internal use only.

Options: No.

Internal and external slide bolts or key locking on aluminium bottom rails up to 4800mm wide.



Roll-A-Shutter®

8/100

industrial slat type shutter

colours/finishes

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

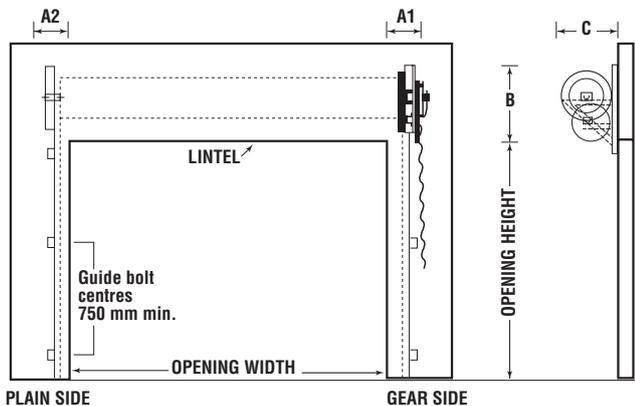
options

- Ventilation: Optional - slotted, hole punched.
- Mullions: Optional.
- Personnel access: Optional.
 - Wicket gates (inward opening) 1200mm (h) x 600mm (w).
 - Escape gates (outward opening) 2030mm (h) x 1020mm (w).
 - Access gate (inward opening) 2030mm (h) x 1020mm (w).

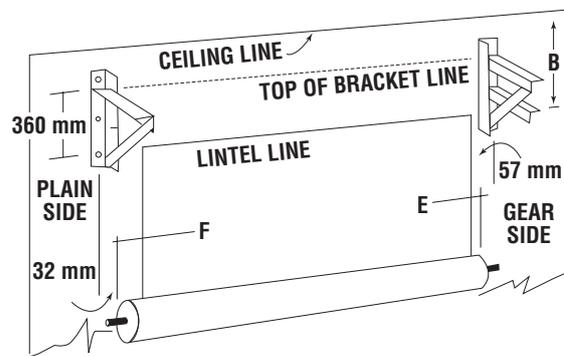
dimensions

	A1	A2	B	B MIN	C	E	F	APPROX WEIGHT (DRUMS & CURTAIN)
Planetary Gear Drive for smaller doors under either 4500mm high or 4500mm wide								
2200mm x 2200mm	270	180	630	580	405	145	80	110kg
3000mm x 3000mm	270	180	680	630	455	145	80	160kg
3600mm x 3600mm	270	180	700	650	475	145	80	200kg

CLEARANCES



BRACKET BOLT FIXING DETAIL



FIXING

- "D" = Door jamb opening to end of drum is 100mm.
- "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.

STANDARD PARAMETERS FIXING

- Curtain width = Opening width + 120mm
- Drum length = Opening width + 200mm
- Axle length = Opening width + 700mm

All measurements are in millimeters and are minimum unless otherwise shown.

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.





Roll-A-Shutter®

10/100

industrial slat type shutter



description

Robust access door, for building perimeter security or storage applications. It is typically used in aircraft hangers, car parks, counters, kiosks & bars, emergency service and storm recovery buildings, showrooms and supermarket entrances.

Roll-A-Shutter passed impact penetration testing with James Cook University Cyclone Testing Station.

slats



1.0mm, continuous roll formed, interlocking, coated galvanised steel slats. Nominal effective pitch of 100mm. Zinc coating of not less than 275g/m².

size

900mm to 10000mm (h) and 900mm to 12000mm (w).

features

- Custom built with chain or heavy duty electric operation.

specifications

BOTTOM RAIL: Steel box section, 75mm (h) x 40mm (w) bottom rail. Top edge formed to interlock with bottom slat of shutter, cold roll formed from 2mm steel.

Taper: Optional. Minimum 30mm. Maximum 150mm.
Weatherséal: Optional.

GUIDES: Steel channel, cold roll formed, 2.0mm steel, aluminium depth of 70mm.

HIGH WIND LOCKING: Roll formed guide 3mm thick steel 90 x 50 for high wind shutters up to 6.5m high. Roll formed guide 3mm thick steel 90 x 50 on RHS back jamb 5mm thick steel 75 x 50 for high wind shutters over 6.5m high.

DRUM: Shutters up to 6000mm (h) x up to 7000mm (w) steel tube drum, a minimum O.D of 168mm x 3.18mm wall thickness. Designed so drum stress does not exceed 124MPa. Drum is fitted with bearings, mounted on a bright mild steel spindle with a minimum thickness of 35mm.

SPRINGS: Elical torsion type drum springs, made from spring steel wire conforming to AS1472. Spring life 20,000 cycles. For applications greater than 6m high, springless drum, with safety break motor will apply.

DIRECT LIFT: Directly driven motor requiring no springs within the drum. Inclusive of a safety brake system. Drive life of 100,000 cycles.

OPERATION: Manual, chain geared or power driven. For applications 25sqm, chain operation is an option. Above 25sqm, electric operation is required. For high cycle applications, springless operation is recommended.

BRACKETS: Two piece bracket can be mounted inside or outside, or on either side of opening. 16mm mild steel construction.

LOCKING:

Bottom rail shoot bolt.

Key locking (fitted) for aluminium bottom rail.

Locking bolts for steel bottom rail only.

Internal use only.

Rivers lock.



Roll-A-Shutter®

10/100

industrial slat type shutter

colours/finishes

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

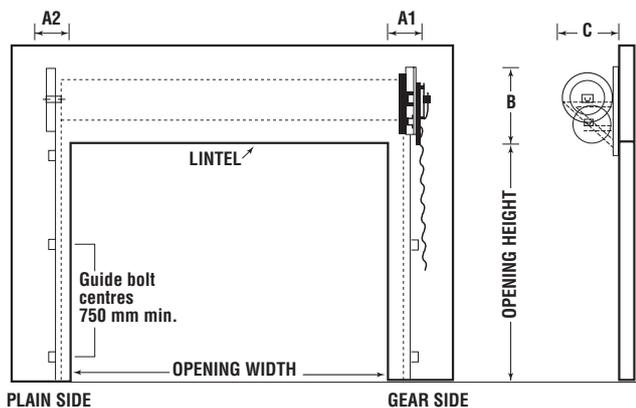
options

- Ventilation: Optional - slotted, perforated, hole punched.
- Mullions: Optional.
- Personnel access: Optional.
 - Wicket gates (inward opening) 1200mm (h) x 600mm (w).
 - Escape gates (outward opening) 2030mm (h) x 1020mm (w).
 - Access gate (inward opening) 2030mm (h) x 1020mm (w).

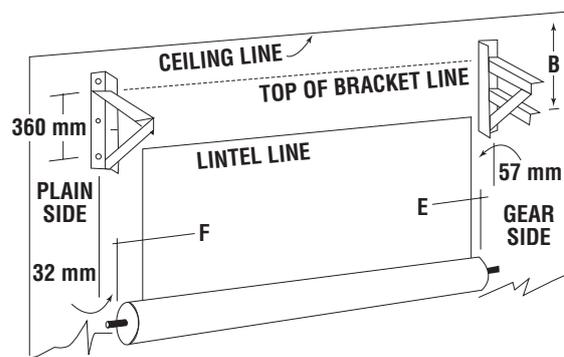
dimensions

	A1	A2	B	B MIN	C	E	F	APPROX WEIGHT (DRUMS & CURTAIN)
Planetary Gear Drive for smaller doors under either 4500mm high or 4500mm wide								
2200mm x 2200mm	270	180	630	580	405	145	80	110kg
3000mm x 3000mm	270	180	680	630	455	145	80	160kg
3600mm x 3600mm	270	180	700	650	475	145	80	200kg

CLEARANCES



BRACKET BOLT FIXING DETAIL



FIXING

- “D” = Door jamb opening to end of drum is 100mm.
- “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.

STANDARD PARAMETERS FIXING

Curtain width = Opening width + 120mm
 Drum length = Opening width + 200mm
 Axle length = Opening width + 700mm

All measurements are in millimeters and are minimum unless otherwise shown.

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.





Roll-A-Shutter®

12/100

industrial slat type shutter



description

Robust access door, for building perimeter security or storage applications. It is typically used in aircraft hangers, carparks, counters, kiosks & bars, emergency service and storm recovery buildings, showrooms and supermarket entrances.

Roll-A-Shutter passed impact penetration testing with James Cook University Cyclone Testing Station.

slats



1.0mm, continuous roll formed, interlocking, coated galvanised steel slats. Nominal effective pitch of 100mm. Zinc coating of not less than 275g/m².

size

900mm to 10000mm (h) and 900mm to 12000mm (w).

features

- Custom built with chain or heavy duty electric operation.

specifications

BOTTOM RAIL: Steel box section, 75mm (h) x 40mm (w) bottom rail. Top edge formed to interlock with bottom slat of shutter, cold roll formed from 2mm steel.

Taper: Optional. Minimum 30mm. Maximum 150mm.
Weatherseal: Optional.

GUIDES: Steel channel, cold roll formed, 2.0mm steel, aluminium depth of 70mm.

HIGH WIND LOCKING: Roll formed guide 3mm thick steel 90 x 50 for high wind shutters up to 6.5m high. Roll formed guide 3mm thick steel 90 x 50 on RHS back jamb 5mm thick steel 75 x 50 for high wind shutters over 6.5m high.

DRUM: Shutters up to 6000mm (h) x up to 7000mm (w) steel tube drum, a minimum O.D of 168mm x 3.18mm wall thickness. Designed so drum stress does not exceed 124MPa. Drum is fitted with bearings, mounted on a bright mild steel spindle with a minimum thickness of 35mm.

SPRINGS: Elical torsion type drum springs, made from spring steel wire conforming to AS1472. Spring life 20,000 cycles. For applications greater than 6m high, springless drum, with safety break motor will apply.

DIRECT LIFT: Directly driven motor requiring no springs within the drum. Inclusive of a safety brake system. Drive life of 100,000 cycles.

OPERATION: Manual, chain geared or power driven. For applications 25sqm, chain operation is an option. Above 25sqm, electric operation is required. For high cycle applications, springless operation is recommended.

BRACKETS: Two piece bracket can be mounted inside or outside, or on either side of opening. 16mm mild steel construction.

LOCKING:

Bottom rail shoot bolt.

Key locking (fitted) for aluminium bottom rail.

Locking bolts for steel bottom rail only.

Internal use only.

Rivers lock.





Roll-A-Shutter®

12/100

industrial slat type shutter

colours/finishes

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

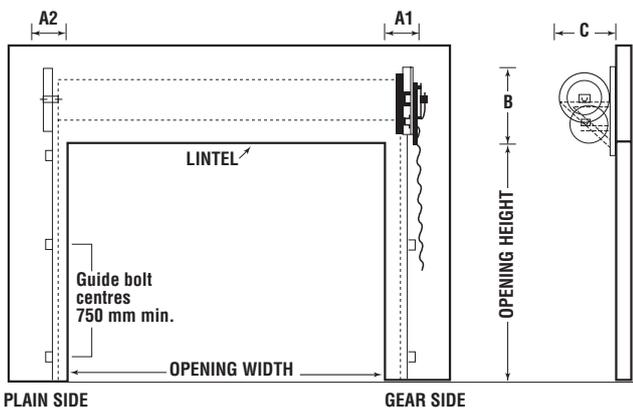
options

- Ventilation: Optional - slotted, perforated, hole punched.
- Mullions: Optional.
- Personnel access: Optional.
 - Wicket gates (inward opening) 1200mm (h) x 600mm (w).
 - Escape gates (outward opening) 2030mm (h) x 1020mm (w).
 - Access gate (inward opening) 2030mm (h) x 1020mm (w).

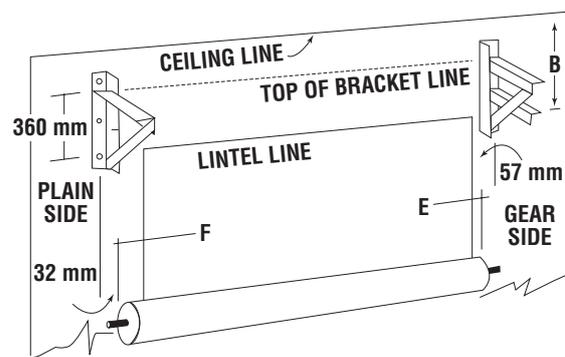
dimensions

	A1	A2	B	B MIN	C	E	F	APPROX WEIGHT (DRUMS & CURTAIN)
Planetary Gear Drive for smaller doors under either 4500mm high or 4500mm wide								
2200mm x 2200mm	270	180	630	580	405	145	80	110kg
3000mm x 3000mm	270	180	680	630	455	145	80	160kg
3600mm x 3600mm	270	180	700	650	475	145	80	200kg

CLEARANCES



BRACKET BOLT FIXING DETAIL



FIXING

- “D” = Door jamb opening to end of drum is 100mm.
- “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.

STANDARD PARAMETERS FIXING

Curtain width = Opening width + 120mm
 Drum length = Opening width + 200mm
 Axle length = Opening width + 700mm

All measurements are in millimeters and are minimum unless otherwise shown.

NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.





Roll-A-Shutter®

Series 40

industrial type aluminium shutter



description

The B&D Roll-A-Shutter® Series 40 Industrial Type Aluminium Shutter has a slimline, flat slat curtain, specifically designed from aluminium extrusion to provide a high level of security.

Suitable for applications such as retail shopfronts, secure parking structures, arcades, sporting complexes, clubs, bars and counter tops.

profile

MODEL	Roll-A-Shutter® Series 40
MAX DOOR HEIGHT	4000mm
MAX DOOR WIDTH	6400mm
LOCKING	Two way mortice key or sliding shoot bolt locking
DRUM TYPE	150mm or 229mm diameter spiral ducted tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Suitable for openings ranging from 900mm to 4000mm (h) and up to 6400mm (w).

features

- Ideal for sporting complexes, clubs, bars, fire reel enclosures and counter tops.
- High level of security.
- Supplied in a vast range of sizes and colour finishes.
- Can be slotted on request to provide ventilation where necessary or to create a more contemporary appearance. Where slotting is required for aesthetics only, a clear polycarbonate backing panel can be supplied to each interlocking slat within the door curtain, to prevent the entrance of foreign particles.

specifications

BOTTOM RAILS: Sturdy T-Rail aluminium bottom rail which provides additional strength to the door. This bottom rail may be supplied with an optional weather seal to prevent the unwanted entry of foreign particles.

ROLLER DRUM: 150mm or 229mm spiral drum rotating on a 34mm heavy duty shaft fitted with high speed industrial bearing & helical springs to counterbalance the door in accordance with the manufacturers specifications.

CURTAIN: 40mm x 1.6mm Aluminium extrusion. Alternative aluminium sections are fitted with moulded end clips to reduce friction. Running in 50mm x 30mm extruded guides.

SPRING ASSISTED DRUM ASSEMBLY: The spring assisted counterbalanced roller drum is fabricated from high quality steel spiral ducted tube or spiral welded tube. The central shaft carries helical springs to ensure smooth and effortless operation.

OPERATION: Either manually operated or motorised depending upon size requirements. There are a range of electric motors available depending on application and usage.

VERSATILE TRACKING SYSTEM: The 50mm x 30mm aluminium door tracks can be mounted between wall fix or behind wall fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. Manual doors only are fitted with door stops.





Roll-A-Shutter®

Series 40

industrial type aluminium shutter

LOCKING: May be fitted with a centrally mounted locking mechanism within the bottom rail. The locking mechanisms are generally concealed behind extruded polycarbonate covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

SLOTTING: Provide 95mm x 25mm vent slots at 70mm spacing as required in the roller shutter. Slotting may include polycarbonate backing panel to reduce foreign particle entrance.

WARRANTY: A 12 month limited material, labour and workmanship warranty applies.

colours/finishes

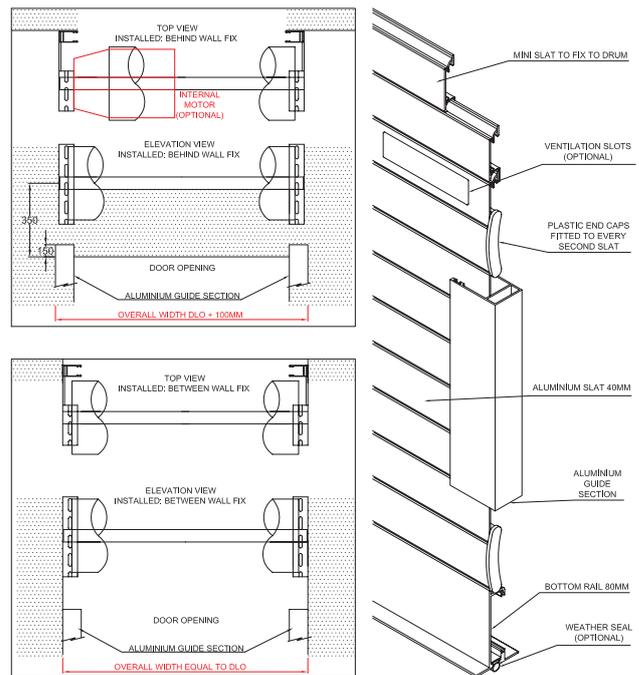
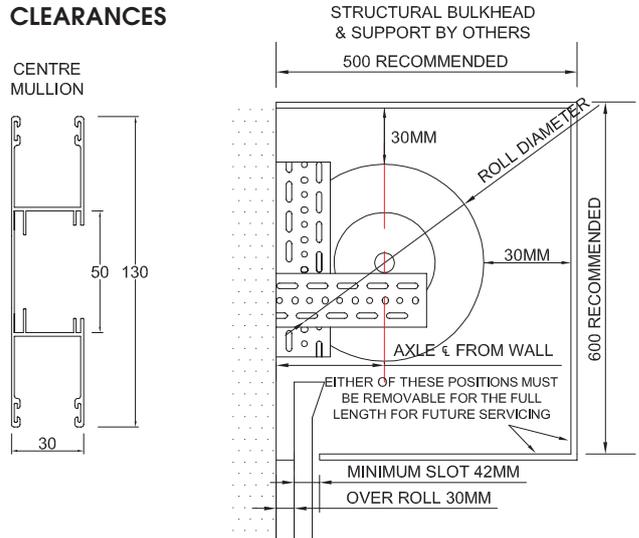
- Supplied in a vast range of colour finishes.

dimensions

Door Height	DRUM 150mm		DRUM 229mm	
	Roll Diameter	Centre of Axle from Wall	Roll Diameter	Centre of Axle from Wall
900	200	110	270	145
1200	215	117	280	150
1500	230	125	290	155
1800	250	135	290	155
2100	260	140	310	165
2400	260	140	320	170
2700	275	147	340	180
3000	290	155	340	180
3300	315	167	355	187
4000	325	172	370	195

All measurements are in millimeters.

CLEARANCES



NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.

[RETURN TO INDEX](#)





Roll-A-Shutter®

Series 65

industrial type aluminium shutter



description

The B&D Roll-A-Shutter® Series 65 Industrial Type Aluminium Shutter has an interlocking slat curtain and is specifically designed from aluminium extrusion to provide an attractive appearance without compromising door security.

Suitable for applications such as retail shopfronts, arcades, sporting complexes, clubs and bars.

profile

MODEL	Roll-A-Shutter® Series 65
MAX DOOR HEIGHT	4000mm
MAX DOOR WIDTH	6000mm
LOCKING	Two way mortice key or sliding shoot bolt locking
DRUM TYPE	148mm or 229mm diameter spiral ducted tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Suitable for openings ranging from 900mm to 4000mm (h) and up to 6000mm (w).

features

- Ideal for shopping centre shopfronts, storage rooms, arcades, sporting complexes, clubs and bars.
- High level of security.
- Supplied in a vast range of sizes and colour finishes.
- The door curtain can be slotted to create a different design or increase ventilation where necessary. Slotted curtains can be manufactured on request with a clear poly carbonate backing panel to ensure the prevention of foreign particle entry.

specifications

BOTTOM RAILS: Sturdy T-Rail aluminium bottom rail which provides additional strength to the door. This bottom rail may be supplied with an optional weather seal to prevent the unwanted entry of foreign particles.

ROLLER DRUM: 148mm or 229mm spiral drum rotating on a 34mm heavy duty shaft fitted with high speed industrial bearing & helical springs to counterbalance the door in accordance with the manufacturers specifications.

CURTAIN: 65mm x 1.6mm Aluminium extrusion. Alternative aluminium sections are fitted with nylon end clips to reduce friction. Running in 50mm x 30mm extruded guides.

SPRING ASSISTED DRUM ASSEMBLY: The spring assisted counterbalanced roller drum is fabricated from high quality steel spiral ducted tube or spiral welded tube. The central shaft carries helical springs to ensure smooth and effortless operation.

OPERATION: Either manually operated or motorised depending upon size requirements. There are a range of electric motors available depending on application and usage.

VERSATILE TRACKING SYSTEM: The 50mm x 30mm aluminium door tracks can be mounted between wall fix or behind wall fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. Manual doors only are fitted with door stops.





Roll-A-Shutter®

Series 65

industrial type aluminium shutter

LOCKING: may be fitted with a centrally mounted locking mechanism within the mid rail at approximately 900mm above floor level or alternately within the bottom rail. The locking mechanisms are generally concealed behind extruded polycarbonate covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

SLOTING: Provide 95mm x 25mm vent slots at 70mm spacing as required in the roller shutter. Slotting may include polycarbonate backing panel to reduce foreign particle entrance.

WARRANTY: A 12 month limited material, labour and workmanship warranty applies.

colours/finishes

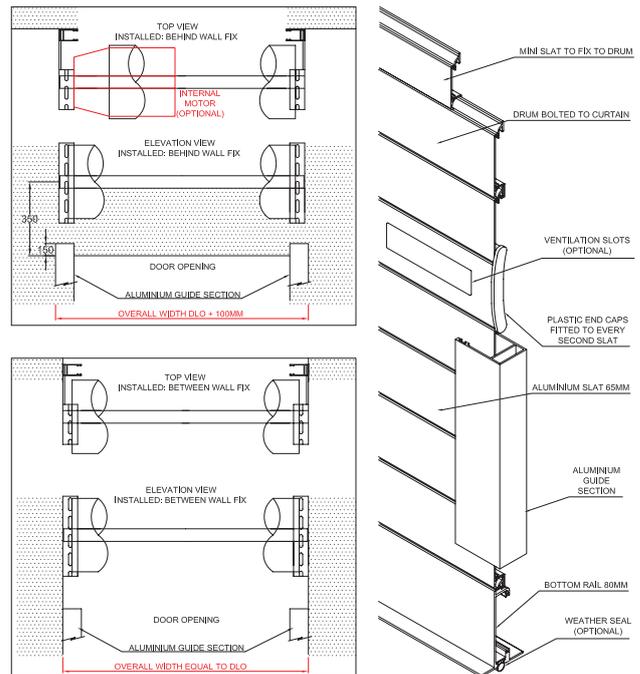
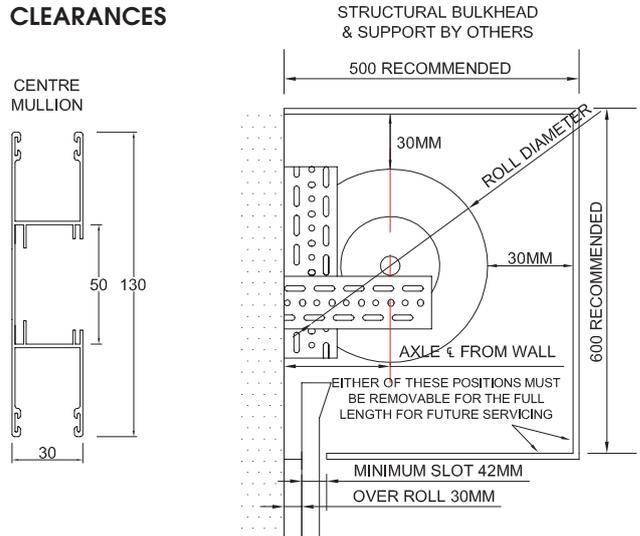
- Supplied in a vast range of colour finishes.

dimensions

Door Height	DRUM 148mm		DRUM 229mm	
	Roll Diameter	Centre of Axle from Wall	Roll Diameter	Centre of Axle from Wall
900	260	140	305	162
1200	260	140	305	162
1500	260	140	320	170
1800	270	145	330	175
2100	270	145	350	185
2400	280	150	350	185
2700	300	160	360	190
3000	300	160	370	195
3300	340	180	380	200
4000	360	190	395	207

All measurements are in millimeters.

CLEARANCES



NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.

[RETURN TO INDEX](#)



Series 90

industrial type aluminium shutter



description

The B&D Roll-A-Shutter® Series 90 Industrial Type Aluminium Shutter consists of a heavy duty aluminium extrusion curtain, specifically designed to ensure maximum security when fitted to retail spaces, secure parking structures, arcades, sporting complexes, clubs and bars.

Contemporary in appearance, the B&D Roll-A-Shutter® Series 90 is built using solid aluminium interlocking sections however can be slotted or perforated to suit individual design preferences.

profile

MODEL	Roll-A-Shutter® Series 90
MAX DOOR HEIGHT	4500mm
MAX DOOR WIDTH	8000mm
LOCKING	Two way mortice key or sliding shoot bolt locking
DRUM TYPE	165mm or 229mm diameter spiral ducted tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Suitable for openings ranging from 1000mm to 4500mm (h) and up to 8000mm (w).

features

- Ideal for shopping centre shopfronts, secure parking structures, arcades, sporting complexes, clubs and bars.
- High level of security.
- Supplied in a vast range of sizes and colour finishes.
- Clear polycarbonate backing available for the slotted curtain option.

specifications

BOTTOM RAILS: Sturdy T-Rail aluminium bottom rail which provides additional strength to the door. This bottom rail may be supplied with an optional weather seal to prevent the unwanted entry of foreign particles.

ROLLER DRUM: 165mm or 229mm spiral drum rotating on a 34mm heavy duty shaft fitted with high speed industrial bearing & helical springs to counterbalance the door in accordance with the manufacturers specifications.

CURTAIN: 90mm x 1.4mm Aluminium extrusion. Alternative aluminium sections are fitted with nylon end clips to reduce friction. Running in 100mm x 38mm extruded guides.

PERFORATIONS: Provide 6.5mm diameter perforation holes at 9mm centres.

SPRING ASSISTED DRUM ASSEMBLY: The spring assisted counterbalanced roller drum is fabricated from high quality steel spiral ducted tube or spiral welded tube. The central shaft carries helical springs to ensure smooth and effortless operation.

OPERATION: Either manually operated or motorised depending upon size requirements. There are a range of electric motors available depending on application and usage.

VERSATILE TRACKING SYSTEM: The 100mm x 38mm aluminium door tracks can be mounted between wall fix or behind wall fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. Manual doors only are fitted with door stops.

LOCKING: May be fitted with a centrally mounted locking mechanism within the bottom rail. The locking mechanisms are generally concealed behind extruded poly carbonate covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

WARRANTY: A 12 month limited material, labour and workmanship warranty applies.



Roll-A-Shutter®

Series 90

industrial type aluminium shutter

colours/finishes

- Supplied in a vast range of colour finishes.

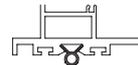
dimensions

Door Height	DRUM 165mm		DRUM 229mm	
	Roll Diameter	Centre of Axle from Wall	Roll Diameter	Centre of Axle from Wall
1000	260	140	325	173
1500	275	148	346	183
2000	325	173	356	188
2500	360	190	380	200
3000	360	190	392	206
3500	390	205	400	210
4000	410	215	420	220
4500	420	220	430	225

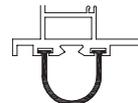
All measurements are in millimeters.

CLEARANCES

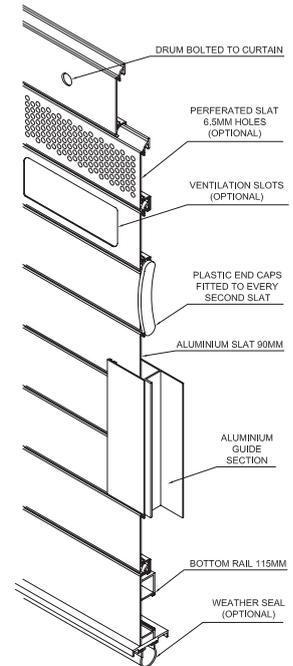
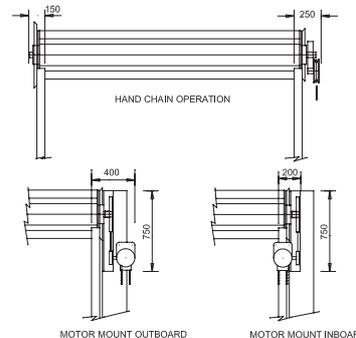
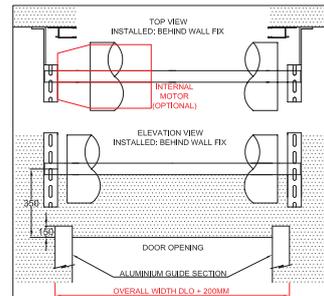
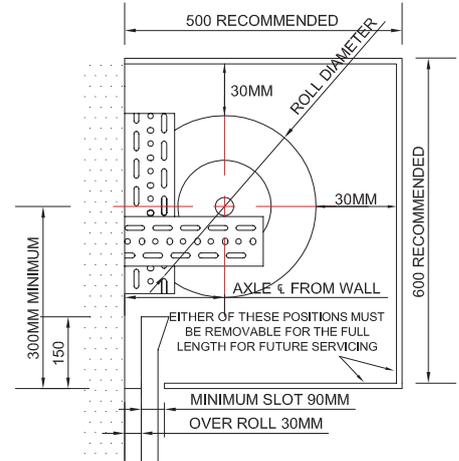
WEATHER SEAL OPTIONS



INTERNAL



EXTERNAL



NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.

[RETURN TO INDEX](#)



Clear-A-View™

poly carbonate shutter



description

The B&D Roll-A-Shutter® Clear-A-View™ Industrial Type Poly Carbonate Shutters are specifically designed with retailers in mind, allowing for continual showcasing and product advertisement when the door is closed.

The B&D Roll-A-Shutter® Clear-A-View™, provides a high level of security whilst maintaining the feel of openness between internal and external spaces, making it ideal for shopfronts, arcades, sporting complexes, clubs, bars and counter tops.

profile

MODEL	Roll-A-Shutter® Clear-A-View™
MAX DOOR HEIGHT	4000mm
MAX DOOR WIDTH	6400mm
LOCKING	Two way mortice key or sliding shoot bolt locking
DRUM TYPE	229mm diameter spiral ducted tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Suitable for openings ranging from 1000mm to 4000mm (h) and up to 6400mm (w).

features

- Ideal for shopping centre shopfronts, arcades, sporting complexes, clubs and bars.
- High level of security.
- Supplied in a vast range of sizes and colour finishes.

specifications

BOTTOM RAILS: Sturdy T-Rail aluminium bottom rail which provides additional strength to the door. This bottom rail may be supplied with an optional weather seal to prevent the unwanted entry of foreign particles.

ROLLER DRUM: 229mm spiral drum rotating on a 34mm heavy duty shaft fitted with high speed industrial bearing & helical springs to counterbalance the door in accordance with manufacturers specifications.

CURTAIN: 100mm poly carbonate interlocking with 30mm rigid aluminium sections. Each aluminium section is fitted with moulded end caps to reduce friction.

PERFORATIONS: Provide 6.5mm diameter perforation holes at 9mm centres.

SPRING ASSISTED DRUM ASSEMBLY: The spring assisted counterbalanced roller drum is fabricated from high quality steel spiral ducted tube or spiral welded tube. The central shaft carries helical springs to ensure smooth and effortless operation.

OPERATION: Either manually operated or motorised depending upon size requirements. There are a range of electric motors available depending on application and usage.

VERSATILE TRACKING SYSTEM: The 50mm x 30mm aluminium door tracks can be mounted between wall fix or wall behind fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. Manual doors are fitted with door stops.

LOCKING: May be fitted with a centrally mounted locking mechanism within the mid rail at approximately 900mm above floor level or alternately within the bottom rail. The locking mechanisms are generally concealed behind extruded covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

SLOTING: Provide 95mm x 25mm vent slots at 70mm spacing where required in the roller shutter.

WARRANTY: A 12 month limited material, labour and workmanship warranty applies.



Roll-A-Shutter®

Clear-A-View™

poly carbonate shutter

colours/finishes

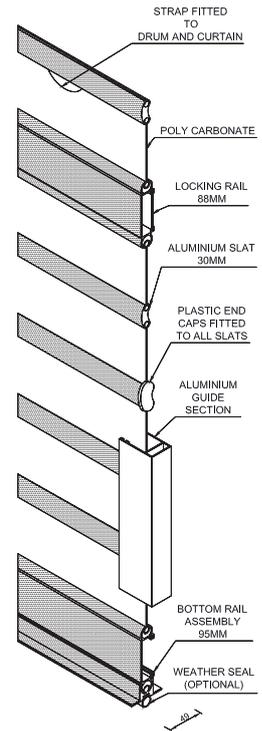
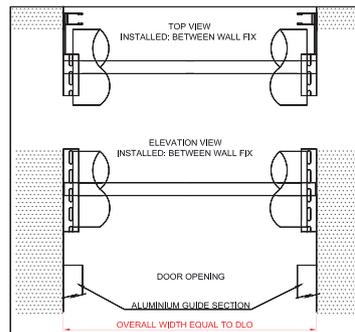
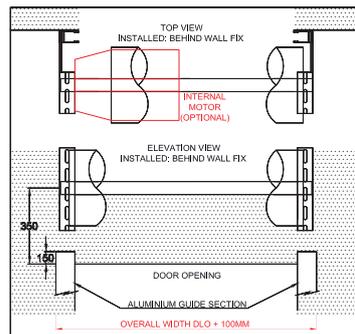
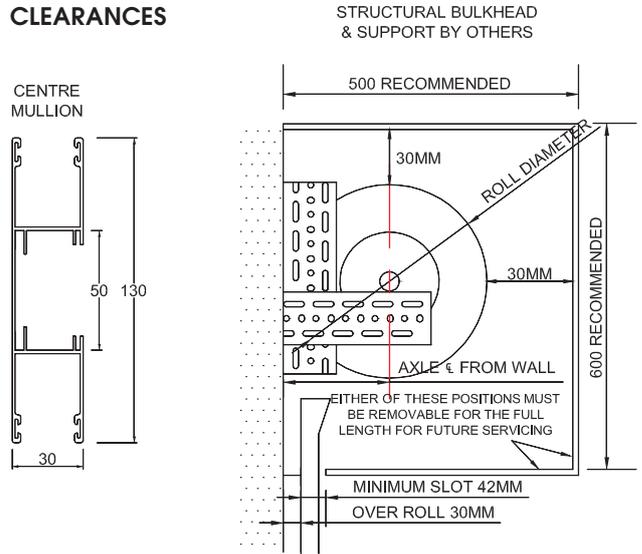
- Supplied in a vast range of colour finishes.

dimensions

Door Height	DRUM 229mm	
	Roll Diameter	Centre of Axle from Wall
1000	290	155
1200	290	155
1500	290	155
1800	300	160
2100	300	160
2400	310	165
2700	310	165
3000	320	170
3300	320	170
3600	340	180
4000	340	180

All measurements are in millimeters.

CLEARANCES



NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.

[RETURN TO INDEX](#)





Roll-A-Shutter®

Crystal-View

poly carbonate shutter



description

The B&D Roll-A-Shutter® Crystal-View Industrial Type Poly Carbonate Shutter is a contemporary roller shutter, unique in appearance and designed to provide retailers with a door that replicates glass in the shopfront.

The B&D Roll-A-Shutter® Crystal-View is manufactured to provide a secure and aesthetically pleasing addition to high-end store fronts or shopping centre retail spaces allowing the continual showcasing of merchandise, even when the shop is closed.

profile

MODEL	Roll-A-Shutter® Crystal-View
MAX DOOR HEIGHT	3500mm
MAX DOOR WIDTH	3000mm
LOCKING	Two way mortice key or sliding shoot bolt locking
DRUM TYPE	229mm diameter spiral ducted tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Suitable for openings ranging from 1000mm to 3500mm (h) and up to 3000mm (w).

features

- Ideal for shopping centre retail spaces, street-facing shop fronts, arcades, sporting complexes, clubs and bars.
- High level of security.
- Supplied with slotted curtain slats where ventilation is required.

specifications

BOTTOM RAILS: Aluminium bottom rail. An optional weather seal can be provided upon request, to prevent the entry of foreign particles.

ROLLER DRUM: 229mm spiral drum rotating on a 34mm heavy duty shaft fitted with high speed industrial bearing & helical springs to counterbalance the door in accordance with manufacturers specifications.

CURTAIN: Poly carbonate door curtain with poly carbonate extrusion.

PERFORATIONS: Provide 95mm x 25mm vent slots at 70mm spacing where required in the roller shutter.

OPERATION: Either manually operated or motorised depending upon size requirements. There are a range of electric motors available depending on application and usage.

VERSATILE TRACKING SYSTEM: 50mm x 30mm aluminium door tracks which can be mounted between wall fix or behind wall fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. Manual doors only are fitted with door stops.

LOCKING: May be fitted with a centrally mounted locking mechanism within the bottom rail. Manual door locking mechanisms are not recommended for automatically operated doors.

WARRANTY: A 12 month limited material, labour and workmanship warranty applies.

Crystal-View

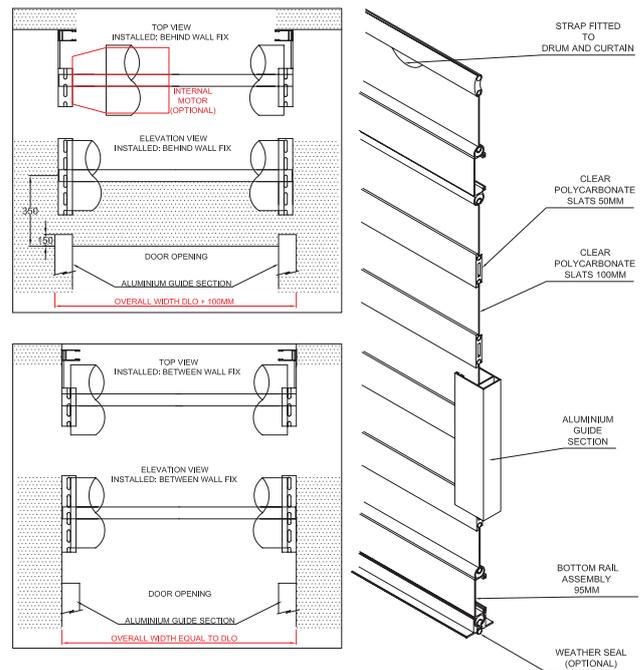
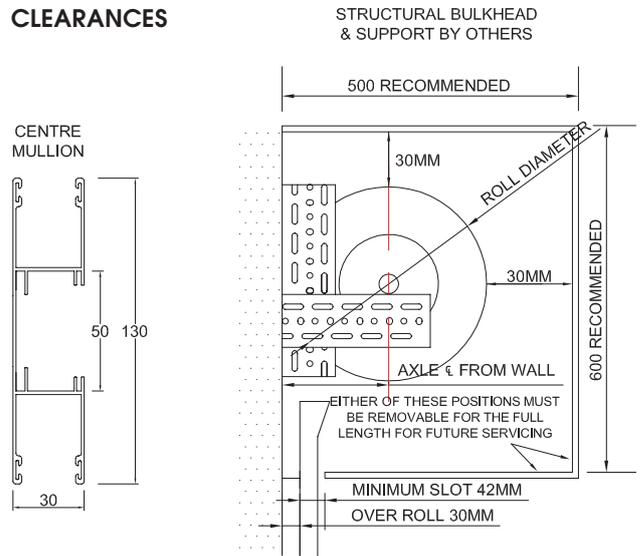
poly carbonate shutter

dimensions

Door Height	DRUM 229mm	
	Roll Diameter	Centre of Axle from Wall
1000	290	155
1200	290	155
1500	290	155
1800	300	160
2100	300	160
2400	310	165
2700	310	165
3000	320	170
3300	320	170
3500	340	180

All measurements are in millimeters.

CLEARANCES



NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Shutter doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.

[RETURN TO INDEX](#)



Roll-A-Grille®

12mm

aluminium rolling grille



description

The B&D Roll-A-Grille® 12mm Industrial Grille Type Aluminium Shutter has a sleek, easy to operate aluminium curtain, specifically designed from aluminium extrusion to provide a high level of security.

The B&D Roll-A-Grille® 12mm is a cost effective product where continual visual product branding or ventilation is desirable.

profile

MODEL	Roll-A-Grille® 12mm
MAX DOOR HEIGHT	4000mm
MAX DOOR WIDTH	5000mm
LOCKING	Two way mortice key or sliding shoot bolt locking
DRUM TYPE	148mm or 229mm diameter spiral ducted tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Suitable for openings up to 4000mm (h) x up to 5000mm (w).

features

- Ideal for retail shopfronts, secure parking structures, arcades, sporting complexes, clubs, bars and counter tops.
- High level of security.
- Supplied standard as in a clear anodised finish (matt natural) however may be powder coated as an optional extra.
- Easy to operate.

specifications

BOTTOM RAILS: Sturdy T-Rail aluminium bottom rail which provides additional strength to the door. This bottom rail may be supplied with an optional weather seal.

ROLLER DRUM: 148mm or 229mm spiral drum rotating on a 34mm heavy duty shaft fitted with high speed industrial bearing & helical springs to counterbalance the door in accordance with manufacturers specifications.

CURTAIN: 12mm aluminium extrusion tubing at 47mm centres interconnected with 100mm x 10mm links spaced at 440mm centres. Each aluminium section is fitted with double links to reduce friction.

GUIDES: 50mm x 30mm extruded guides.

SPRING ASSISTED DRUM ASSEMBLY: The spring assisted counterbalanced roller drum is fabricated from high quality steel spiral ducted tube or spiral welded tube. The central shaft carries helical springs to ensure smooth and effortless operation.

VERSATILE TRACKING SYSTEM: The 50mm x 30mm aluminium door tracks can be mounted between wall fix or behind wall fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. Manual doors only are fitted with door stops.

SECURITY: Constructed from 12mm aluminium extrusion tubing connected with 100mm links creating a symmetrical, brick-like pattern. The grille allows retailers to retain visual product branding while their products are secure. The aluminium extrusion is fitted with double links at each end to reduce friction and lateral movement.





Roll-A-Grille®

12mm

aluminium rolling grille

LOCKING: May be fitted with a centrally mounted locking mechanism within the bottom rail. The locking mechanisms are generally concealed behind extruded polycarbonate covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

WARRANTY: A 12 month limited material, labour and workmanship warranty applies.

finishes

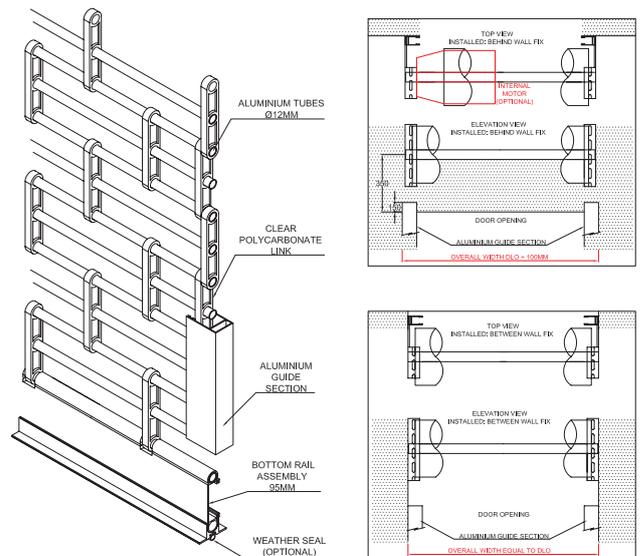
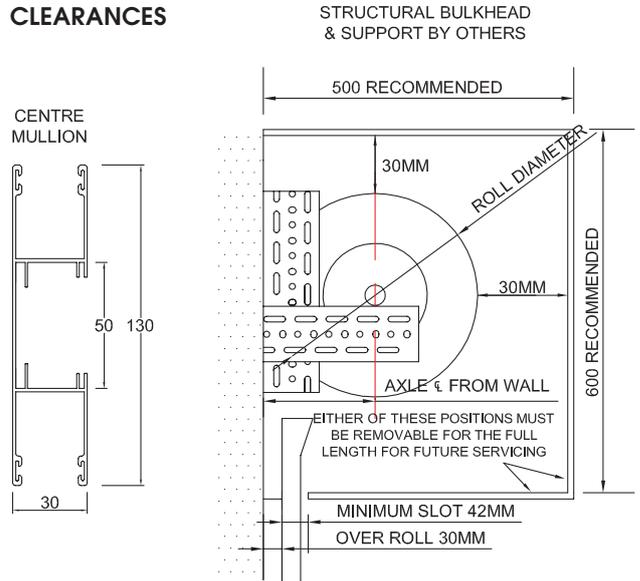
- Clear anodised or optional powdercoat finishes available.

dimensions

Door Height	DRUM 229mm	
	Roll Diameter	Centre of Axle from Wall
900	310	165
1200	315	167
1500	325	172
1800	330	175
2100	350	185
2400	365	192
2700	375	197
3000	380	200
3300	390	205
3600	420	220
4000	440	230

All measurements are in millimeters.

CLEARANCES



NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Grille doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.

[RETURN TO INDEX](#)





Roll-A-Grille®

19mm

aluminium rolling grille



description

The B&D Roll-A-Grille® 19mm Industrial Grille Type Aluminium Shutter is specifically designed from aluminium extrusion to provide a high level of security while maintaining the feel of openness between the internal and external spaces.

The B&D Roll-A-Grille® 19mm is a cost efficient product for spaces where ventilation is required or continual visual product branding is desirable.

profile

MODEL	Roll-A-Grille® 19mm
MAX DOOR HEIGHT	4500mm
MAX DOOR WIDTH	8000mm
LOCKING	Two way mortice key or sliding shoot bolt locking
DRUM TYPE	165mm or 229mm diameter spiral ducted tube
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Suitable for openings ranging from 1000mm to 4500mm (h) and up to 8000mm (w).

features

- Ideal for retail shopfronts, secure parking structures, arcades, sporting complexes, clubs, bars and counter tops.
- High level of security.
- Supplied in a vast range of sizes and colour finishes.

specifications

BOTTOM RAILS: Sturdy T-Rail aluminium bottom rail which provides additional strength to the door. This bottom rail may be supplied with an optional weather seal.

ROLLER DRUM: 165mm or 229mm spiral drum rotating on a 34mm heavy duty shaft fitted with high speed industrial bearing & helical springs to counterbalance the door in accordance with the manufacturers specifications.

CURTAIN: 19mm aluminium extrusion tubing at 75mm centres interconnected with 35mm x 3mm links spaced at 500mm centres. Each aluminium section is fitted with nylon plugs to reduce friction.

SPRING ASSISTED DRUM ASSEMBLY: The spring assisted counterbalanced roller drum is fabricated from high quality steel spiral ducted tube or spiral welded tube. The central shaft carries helical springs to ensure smooth and effortless operation.

OPERATION: Either manually operated or motorised depending upon size requirements. There are a range of electric motors available depending on application and usage.

VERSATILE TRACKING SYSTEM: The 100mm x 38mm aluminium door tracks can be mounted between wall fix or behind wall fix. The guides can also accommodate a rubber twin fin extrusion or mohair felt buffer to ensure a quieter operation. Manual doors only are fitted with door stops.

SECURITY: Constructed from 19mm aluminium extrusion tubing connected with 35mm links creating a symmetrical brick-like pattern. This grille allows retailers to retain visual product branding while their products remain secure.

LOCKING: May be fitted with a centrally mounted locking mechanism within the bottom rail. The locking mechanisms are generally concealed behind extruded polycarbonate covers for aesthetics and tamper proofing. Locking is not recommended for motorised doors.

WARRANTY: A 12 month limited material, labour and workmanship warranty applies.



19mm

aluminium rolling grille

colours/finishes

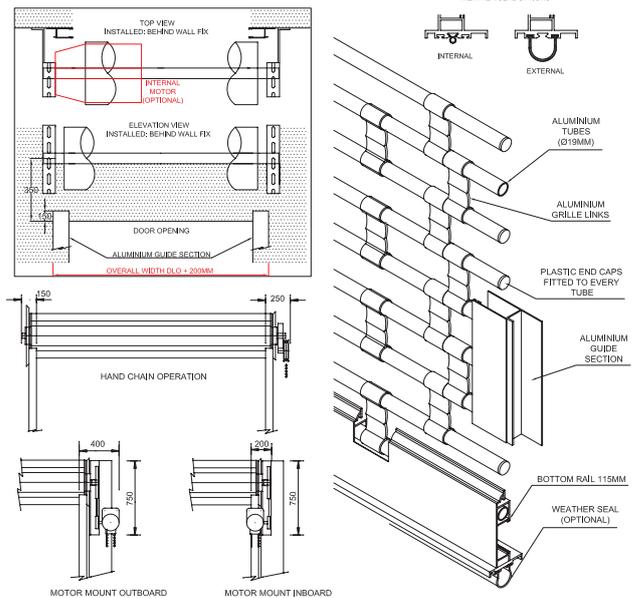
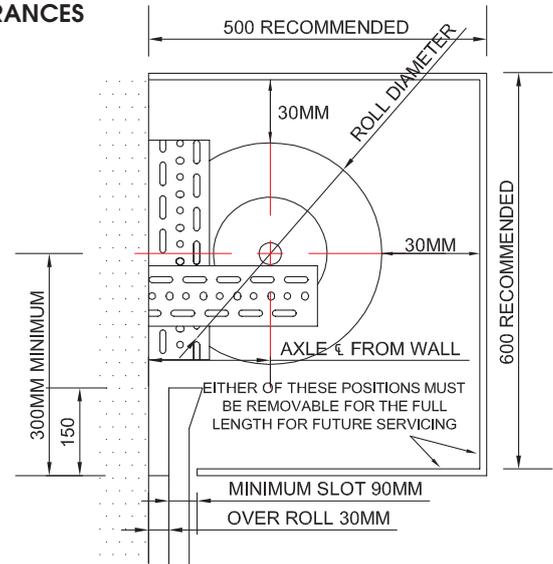
- Supplied in a vast range of colour finishes.

dimensions

Door Height	DRUM 165mm		DRUM 229mm	
	Roll Diameter	Centre of Axle from Wall	Roll Diameter	Centre of Axle from Wall
1000	326	173	326	173
1500	326	173	378	199
2000	330	175	394	207
2500	364	192	398	209
3000	378	200	434	227
3500	415	218	448	234
4000	435	228	453	237
4500	460	240	470	245

All measurements are in millimeters.

CLEARANCES



NOTES / INFORMATION

- 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 Doors or your B&D accredited dealer for advice.
- Roll-A-Grille doors, in normal use, are covered by a 1 year warranty for complete door and parts, conditional on proper care, as recommended in the door's handbook. Full details of the warranty are available, on request, from your nearest B&D office.
- 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.
- Prefixed Trademarks are trademarks of B&D Australia Pty Ltd. Abuse of these trademarks may result in legal action.
- B&D products have many patents and registered designs applicable.
- Details correct at date of publication. Specifications subject to change without notice.