



PREMIUM & SPECIALITY DOORS

DESIGNERSERIES

AXOLOTL DESIGN



CLAD-MATCH



PERF PANEL - RESIDENTIAL



BIOWOOD®



PRODEMA PRODEX



SLATTED



CUSTOM INSERT



SHEER PANEL



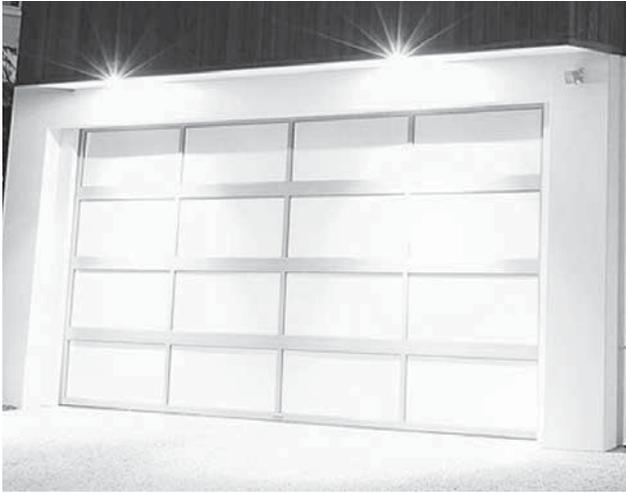
PERF PANEL - COM.



FLEX-A-DOOR



residential sectional garage door

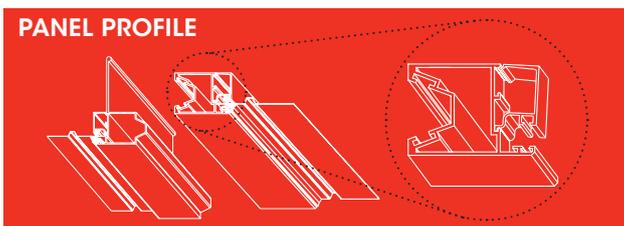


description

The B&D Design-A-Series® features an aluminium powder coated door frame which has a high strength to weight ratio. Customer has the flexibility to select from a range of different insert options, to design a door that suits the look of their home.

The sectional garage door is made up of a number of rigid sections that are hinged together and move vertically in the opening, then horizontally along the ceiling, guided by tracks and counterbalanced with springs.

profile



INSERT PROFILE	Varies for each insert
MODEL	Design-A-Series
MODEL CODE	P7D
EXTRUSION THICKNESS	1.5mm
MAX DOOR HEIGHT	3420mm
MAX DOOR WIDTH	6600mm (slat profile 5900mm max)
TAPER OPTION	Hinged and fixed option
HIGH WIND OPTION	No

size range

Available in sizes from 1370mm to 3420mm height and 1800mm to 6600mm in width (slat profile 5900mm max).

Inserts measure up to 525mm high, and up to 1428mm wide. The insert size cannot be changed. Width is limited to 1200mm for some inserts, check with your B&D representative for further details.

Your B&D Design-A-Series will suit your garage opening with equal sized panels and evenly spaced inserts.

features

- Frames available in natural aluminium finish or choose from over 100 Dulux standard powder coat colours.
- Choose from a range of insert options or combine different inserts to suit your requirements.
- Galvanised hinges and hangers are used, providing the door with:
 - Additional strength.
 - Durability.
 - Resistance to corrosion.
- The aluminium frame is constructed from 1.5mm thick, box shaped extrusion with tongue and groove top and bottom edges for weather protection. For wide doors addition web extrusions are included for additional strength.
- Inserts fitted using snap-on extrusions and glazing seals.
- Each door is tailor made to suit the size required.
- Wheels have ballbearings for smoother, more durable operation.
- Springs designed to comply with requirements of Australian Standards - 20,000 cycles.
- Reinforcing for wide doors - all panels reinforced for door widths of 3800mm and over.
- Can be manually or electrically driven with either domestic Control-A-Door or industrial commercial Axxess opener.

residential sectional garage door

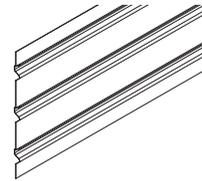
colours/finishes

Frame available in aluminium finish or in over 100 powder coating colour options from the standard Dulux range.

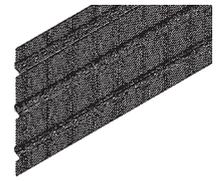
INSERTS AVAILABLE IN

1. Alumpanel™ inserts - aluminium stucco available in natural aluminium or powder coated in a choice of over 100 colours.
2. Alumpanel™ with air inserts - in natural aluminium or powder coated in a choice of over 100 colours. Perforation Material: 1 mm thick aluminium grade 5005-H34. Perforations: 3.25mm diameter @ 6.1mm staggered pitch. Open Area: 25.74%.size 3.18mm round holes.
3. Aluminium plate inserts - in natural aluminium finish or powder coated in a choice of over 100 colours, in: a. Checker plate pattern
4. Acrylic panel inserts - 4.5mm acrylic inserts available in clear, smoke or opaque finish.
5. Mini corrugated steel inserts - powder coated in a choice of over 100 colours.
6. Vertipanel™ inserts - available in aluminium or powder coated in a choice of over 100 colours.
7. Airpanel™ inserts - attractive Amplimesh 68A grill design offering 80% airflow. Available in aluminium or powder coated in a choice of over 100 colours.
8. Aluminium slatted - Powdercoated or Knotwood™ Timber Look - 50mm x 10mm with a large range of colours. Maximum width for slat profile is 5900mm - up to approx. 40% airflow can be achieved by adjusting the slat spacing. Acrylic or Colorbond steel can be added to slatted doors for additional weather protection (door size restrictions apply).
9. Flat steel inserts in a choice of smooth or wood look embossed. Available in a range of Colorbond colours including Timbagrain.
10. Ribbed steel inserts in a choice of smooth or wood look embossed. Available in a range of Colorbond colours including Timbagrain.
11. Omnipanel™ inserts - allows you to combine different inserts to suit your design requirements. This great versatility means the P7 door can be used in an extensive range of applications.

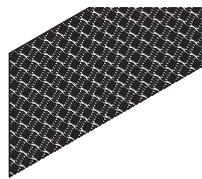
Design-A-Series® assorted panel inserts



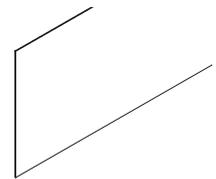
1. Alumpanel™



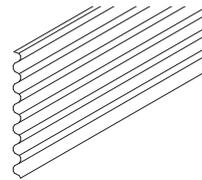
2. Alumpanel™ with Air



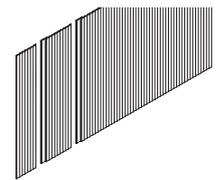
3. Aluminium checker plate



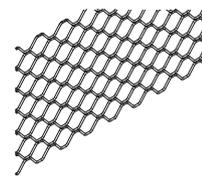
4. Acrylic



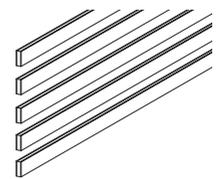
5. Mini corrugated steel



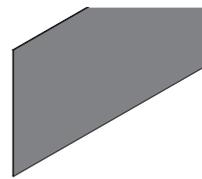
6. Vertipanel™



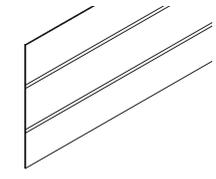
7. Airpanel™



8. Aluminium slatted



9. Flat steel



10. Ribbed steel

options

- Tapers - for garage floors that slope across the opening.

residential sectional garage door

installation requirements

INSTALLATION CLEARANCES - standard headroom

		Headroom (mm)						Sideroom (mm)	
		Recommended			With Opener			Recommended each side	
From (incl.) Height	To (incl.) Height	Up to 4705W	4710 to 5285W	Over 5285W	Up to 4705W	4710 to 5285W	Over 5285W		
1825	2275	340	340	340	390	390	390	120	
2280	2850	340	340	390	390	390	440	120	
2855	3420	340	390	390	390	440	440	120	

INSTALLATION CLEARANCES - low headroom

		Headroom (mm)						Sideroom (mm)	
		Recommended			With Opener			Recommended each side	
From (incl.) Height	To (incl.) Height	Up to 4705W	4710 to 5285W	Over 5285W	Up to 4705W	4710 to 5285W	Over 5285W	Up to 15m ²	Over 15m ²
1825	2275	190	190	190	240	240	240	155	195
2280	2850	190	190	200	240	240	250	155	195
2855	3420	190	200	200	240	250	250	155	195

NOTE: Sideroom dimensions include door overlap, of opening, of 30mm on each side. All measurements are in millimetres and are minimum unless otherwise shown.

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 Dealer for advice.
- B) Design-A-Series garage doors, in normal residential use are covered by a one year warranty for all components and labour conditional on care and servicing 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.

sliding overhead garage door



description

The B&D Flex-A-Door® offers an alternative to the tilting door in situations with minimal headroom clearance.

Flex-A-Door doors revolutionary, patented design comprises the durable, attractive Roll-A-Door® curtain, fitted on a curving track, to lift from a vertical position up into a horizontal position, close to the ceiling.

profile

PANEL PROFILE	
	
MODEL	Flex-A-Door
MODEL CODE	R1X
COIL THICKNESS	0.4mm
COIL TYPE	G300 COLORBOND®
MAX DOOR HEIGHT	2790mm
MAX DOOR WIDTH	3150mm
LOCKING	Centre lift lock
TAPER OPTION	No
HIGH WIND OPTION	No

size range

Available in sizes to suit up to 2790mm door height and 1200mm to 3150mm opening width.

features

- Flex-A-Door is much easier to use, as it is light to lift, and does not require the out / up action of traditional tilt doors.
- The springs are enclosed and above head height - well out of the reach of children, and there are no moving brackets or door supports which could act as finger or arm entrapments.
- Flex-A-Door has an optional patented retractable head infill panel for use in low headroom situations.
- Nylofelt® running strips and nylon rollers with bearings ensure smooth, quiet, greaseless operation.
- Plastic insert in horizontal track provides smooth, quiet operation.
- Steel track/brace and door stops, with buffers for added safety and quietness.
- Weatherseal with deep cushioning, helps restrict entry of water and leaves.
- Waist height centre lift lock with double bar locking action for extra security.
- Flex-A-Door utilises the Roll-A-Door curtain, providing a clean, neat appearance of the door on both the outside and the inside.
- Centre lift lock has a deep finger recess externally and turn knob internally for easier operation.
- Door can be left open at any height, unlike the traditional tilt door, giving the added convenience of allowing the door to be partially opened for ventilation, while still providing privacy in the garage, and the door won't blow shut in the wind.
- Flex-A-Door fits behind the opening, restricting the wind from blowing through the entry way, as happens with jamb tilt doors, which fit within the opening and therefore have a gap on each side.
- Flex-A-Door is suitable for installation with sectional automatic garage door openers providing added convenience and security.
- Tailor made - each door is tailor made to order. Available in 5mm width increments to perfectly suit the application.
- Springs designed to comply with requirements of Australian Standards - 20,000 cycles.

sliding overhead garage door

colours/finishes

AVAILABLE IN

- Extensive range of COLORBOND® colours plus Zinalume® finish (see colour chart for details).

options

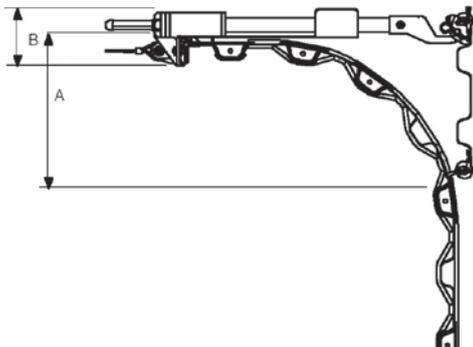
- Perforations for ventilation.
- Retractable head infill panel.

installation requirements

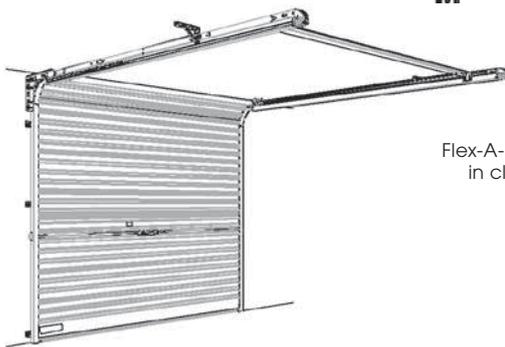
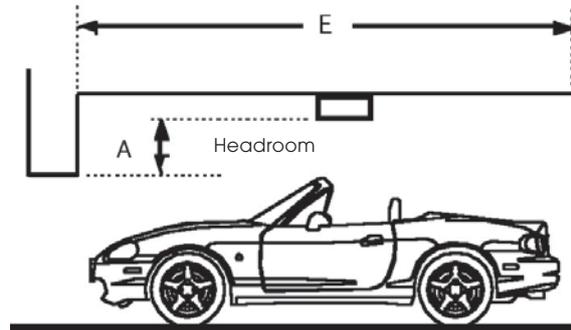
INSTALLATION CLEARANCES

Product	Heights	Headroom without Retractable Head Infill Panel Option A		Retractable Head Infill Panel Option B		Sideroom	Minimum Garage Depth E (manual operation)
		Manual	Opener	Manual	Opener		
R1X	Up to 2130	180	210	90	120	100	2950
	2131 to 2790	180	210	90	120	100	3610

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



Retractable Head Infill Panel



Flex-A-Door® curtain in closed position



Flex-A-Door® curtain in open position

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- Flex-A-Door has "PATENT APPLIED FOR, Provisional Patent Application No 2004901986"
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- While BlueScope Steel is our preferred supplier, steel products from other sources may also be used.
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