





economy enclosures

Did you know that A&B Industries is the manufacturer?

We manufacture and distribute the products directly to you. There is no "middle man" this guarantees that you receive the best possible product at the best possible price.

Great Product Design and Functionality

A&B Industries Product Manager and founder is a mechanical tradesman who has been in the trade for over 25 years. His experience means that the product is designed to ensure that it functions the way it's supposed to, that's why we say A&B Industries is "Designed by tradesmen for tradesmen". Our products are tested for reliability and safety. We have all the relevant approvals needed for our products such as the Australian Standards.

Complies to the Australian & New Zealand Standards

Product safety is a priority for us at A&B Industries. That is why we ensure that products comply with the Australian & New Zealand Standards.

What are Australian & New Zealand Standards (AUS/NZ)?

These Standards have been developed with a set of criteria's which the product must meet. To achieve this status, the product must pass a series of tests in which it is put under difficult conditions that are designed to be similar to those that the item will endure in its day to day function. If the product has passed these tests then it gains certification under the Australian and New Zealand Standard.

It is a requirement by legislation that if a product needs approval, then we must ensure that it is certified before it's sold to the customer. All Electrical manufacturers regardless of whether they are a sole trader or large multinational company must meet the same standard.

Our Gas Heating products are all audited yearly and Certified by the Australian Gas Association to comply with strict Gas Legislation.

Quallity Assurance

Our aim has always been to offer our customers Quality. We use ISO 9001 Quality Management Systems.

100% Australian Owned

When you buy from A&B Industries you are supporting an Australian family owned and managed company. We employ around 20-30 full time and casual employees.

Certification & Accreditations

A&B is certified and accredited to the following standards: -

- ISO 9001:2008. Quality system helps ensure consistent product and traceability.
- AS/NZS 4801:2001. OH&S system protects our work force from dangers of working with sheet metal.
- NATA tested products independently tested IP ratings
- AGA approved and tested

History

Key dates in the history of A&B are as follows:

- 1987 A&B founded manufacturing Gas Heating and some Electrical Products.
- 1998 Formation of Domestic Enclosures Division
- 1998 Move to new premises in Salisbury South SA to increase capacity
- 2000 Extension of Salisbury South premises completed
- 2007 Celebrates 20 years of business.
- 2011 Release of NBN enclosure system solution
- 2015 Upgrade of existing plant to include new conveyor line and CNC Turret press.
- 2015 Re-branding of A&B, consolidating all divisions to offer a unified vision for the future.
- 2016 Installation of Powder Coating Oven and line.

Manufacturing Facilities

Adelaide – 2,000m²

Residential Commercial Electrical, Meter Enclosure, Gas Heating, Wood Fire and Fencing products are primarily manufactured from our facility in South Australia. Facilities include the following equipment.

- 8 various style "G" Presses
- 2 Guillotines with a capacity to cut 3.0 MS up to 2400 long.
- 30 Ton 2500 x 1200 Nishimbo CNC Turret Press
- CNC Plasma Cutting
- Tig welding of Stainless Steel and Aluminium
- Mig welding facilities.
- 4 Mechanical Brake Presses for folding material 3.0 x 3m long.
- Spot Welders.
- Flue Pipe forming and rolling machinery.
- Spray painting booth and conveyor line.
- Tool room facility to maintain and manufacture tooling and jigs.
- Transport capability to give on time delivery.



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A&B Industries have been supplying our Wholesale Branches with various Electrical Components using high quality and precision work of complex fabrication tasks, managing production requirements against workshop commitments.



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About A&B Industries

Welcome to our brand new brochure, we trust that this will be of assistance to you.

A&B Industries is proud to be an Australian sheet metal manufacturer with our factory located in the northern suburbs of Adelaide in South Australia.

We specialize in the manufacture of high quality products and components from Galvanised, Aluminium and Stainless steel sheets. We have also great expertise in the manufacture of steel brackets, usually in hot dipped Galvanised finish.

Over the past two decades A&B Industries have developed a large range of standard products, enclosures and hot dipped Galvanised brackets for the Electrical, and Gas/ventilation, Wood Fire and Fencing Industries.

A&B Industries are also able to offer custom-built sheet metal enclosures for the electrical/electronic industry, from single units to small/medium production runs with obligation free assistance in design and quotations.

A&B Industries also like to highlight their ability to manufacture non-standard equipment in: Galvanised steel, Stainless steel, Aluminium, mild steel tubing etc.

- Switchboards and general purpose enclosures complete with cut-outs, equipment mounting plates, rain hoods.
- Powder coating of our products in any colour
- Ducting and flashings.
- Galvanised protection cages in any size
- Customer's Support Poles as specified by SAPN Guide for Customer's support poles
- Guillotining, bending, punching, welding, CNC Turret
 Punching and CNC Plasma Cutting

Feel free to call us anytime during working hours for an obligation free quotation and assistance in design.



Selecting The Right Enclosure

Size

Where are you installing? What is the available space? What compliances? What features do you require? Yes, we can do custom configurations and accessories.

Supply Authority Requirements

Each state in Australia has regulation requirements when selecting an enclosure.

IP Protection Rating

This is the degree of protection of an electrical enclosure against dust, dirt and water. Called an IP rating. The higher the number the better the degree of protection.

Materials

Material is typically selected based on the application, environment and location. A&B Industries Enclosures provide powder coated, Galvanised steel for general applications and grade 304 and 316 Stainless steel for high corrosion resistance.

Where to buy

Purchase directly from us via our online shop at abindustries. com.au/online-shop. Alternatively our products are available through our distribution network of Electrical Wholesalers.

Delivery

See our supply strategies opposite. All our Enclosures are shipped from Adelaide South Australia. Our customer service team will advise you of a delivery time to help your needs.

Customisation and Accessories

What accessories are you needing? We offer the following accessories:

- Rain Hood Canopies,
- Sun Shields,
- Extra Gland Plate for top cable entry,
- Keyed Locks,
- T Handle,
- L Handle and Knob Locks,
- Keyed flush locks,
- Padlock kits,
- Door Stays,
- External Vent Plates,
- Pole Mounting Kits,
- Plan Holders,
- Wall Mounting Brackets,
- Internal Slotted Din Rail,
- Inner Door and Escutcheon Kits,
- Galvanized Channel Iron Plinths,
- Plinths,
- Latch Keys,
- Lifting Lugs and Poly Carbonate Door Windows.

We can price these over the phone or in a Sales Quote.

A&B Supply Strategies

Stocked Product

These products are available ex stock from our warehouse. Contact our sales representative for further requirements.

Assembled to order

These are assembled to your requirements upon receipt of your Purchase Order. These standard enclosures have a varied lead time so contact A&B to confirm your lead time or requirements.

Engineered custom to order

These enclosures are custom designed to fit your purpose and site requirements. Contact us for more information. Lead time is a minimum of 2-3 weeks.



Icon Descriptions



Stocked Item.



Assembled to order.



Custom to Order



Made in Australia



Manufactured using Australian Grade Z275 Galvanized Steel.



IP Rating of 23 (Refer IP Rating chart)



IP Rating of 42 (Refer IP Rating Chart)



IP Rating of 55 (Refer IP Rating Chart)



IP Rating of 66 (Refer IP Rating Chart)



Powder Coated finish (Refer Powder Coating information)



Manufactured using Australian Grade 304 2b Stainless Steel.



Manufactured using Australian Grade 316 2b Stainless Steel.



Manufactured using Australian Grade ZF100 Galvanized Steel.



Degrees of protection provided by enclosures (IP Code) AS 60529-2004.

The IP Code, International Protection Marking, IEC standard 60529, sometimes interpreted as Ingress Protection Marking, classifies and rates the degree of protection provided against intrusion (body parts such as hands and fingers), dust, accidental contact, and water by mechanical casings and electrical enclosures. It is published by the International Electro Technical Commission (IEC). The equivalent Australian standard is AS 60529-2004..

1ST NUMERAL - Protection against Solids

1	Protected against solid bodies greater than 50mm.
2	Protected against solid bodies greater than 12mm.
3	Protected against solid bodies greater than 2.5mm.
4	Protected against solid bodies greater than 1mm (small tools).
5	Protected against dust (no harmful deposits).
6	Fully protected against dust.

2ND NUMERAL - Protection against Liquids

1	Protected against dripping water (condensation).
2	Protected against falling water up to 15° from the vertical.
3	Protected against rain water splashing in all directions.
4	Protected against water splashing in all directions.
5	Protected against water jets from all directions.
6	Protected against wave like water jets from all directions.
7	Protected against immersion.
8	Protected against the effects of prolonged immersion under water.

POWDER COATING SELECTION



Powder Coating Specifications



A&B Industries uses the electrical industry colours of Surf Mist (1137S) Domestic Enclosures, Light Grey Scylla (50766) Multi Meter Enclosures, Orange X15 (51439) Caravan Park Enclosures and Temporary Enclosures, Transformer Grey (32186) SAPN Enclosures and Pearl White (1114G) Internal Components.

All powder coated enclosures manufactured at A&B Industries are powder coated using Dulux Powder and Industrial Coatings® and conform to the following testing. All test results are recorded and audited in accordance with ISO 9001: 2008 Quality System.

The Pre-Treatment Process

The majority of A&B's powder coated products are manufactured from zinc coated steel. This has a continuous hot dipped zinc coating (20 microns) added to the raw material, giving added corrosion resistance. The pretreatment process itself consists of cleaning which removes all unwanted oils and grease.

Powder Coating Thickness Test

The powder coat paint is applied to the steel at an average coating of 100 microns for ripple finish and 70 microns for gloss finish. The minimum coating thickness is 60 microns on the exterior, and 25 microns on the interior of the enclosure, which conforms to AS/NZS4506: 1998.

The paint thickness tests are conducted regularly, to a specified frequency, using a calibrated paint inspection gauge. The method of testing complies with the requirements of AS1580.108.1 – 1994.

Cure Test (Solvent Resistance Method)

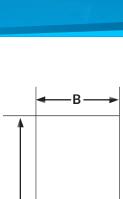
Using a cure test solvent, the powder coat paint is tested to differentiate between cured and under-cured powder coatings. The test has been developed in consultation with our powder coating suppliers, and incorporates the comparison of the test results with known cured panels. The method of testing complies with the requirements of AS/NZS4506:2005.

Adhesion (Cross Cut Test)

This test is conducted to confirm that the adhesion properties satisfy the requirements of AS/NZS1580.408.4 – 1993.

Paint Color Comparison Test

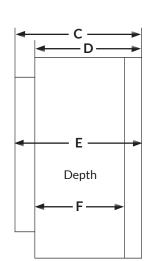
All powder coated colors used by A&B Industries are inspected every time they are used to approve samples. The samples themselves are calibrated, to ensure that they match the colour standards specified in AS2700 – 1996, or an approved customer supplied sample.

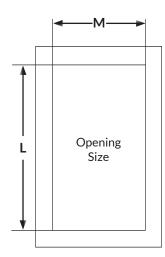


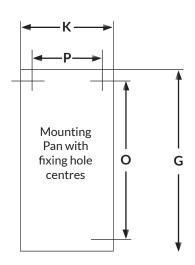
External

Dimensions

Α







A&B Economy Enclosures are a premium brand of high quality, functional wall mounted electrical enclosures.

A&B Industries Economy Enclosures are a premium quality wall mounted general purpose electrical enclosures. An Economy Enclosure is an enclosure readily used in the mining, oil & gas, infrastructure, industrial, commercial, communications, defence and food and beverage industries. The Economy Enclosure range of electrical enclosures are rated IP55, IP65 and IP66. Manufactured from powder coated galvanized mild steel and 304 and 316 #4 grade stainless steel, sizes range from $300H \times 200W \times 150D$ to $1200H \times 1200W \times 400D$. Available to be shipped nationally, on-line at www.abindustries.com.au and via enquiries@abindustries. com.au. Call for sales and technical support. All A&B Enclosures incorporate advanced design features and each enclosure is manufactured to the highest of Australian standards.



PREMIUM economy enclosures



Catalogue No.	External Dimensions	Internal Depth	Mounting Pan	Opening Size	Fixing Centres
	AxBxCxD	ExF	GxK	LxM	OxP
EP321-ES321	300 x 200 x 150 x 127	148 x 115	245 x 145	250 x 150	225 x 125
EP322-ES322	300 x 200 x 200 x 177	198 x 165	245 x 145	250 x 150	225 x 125
EP331-ES331	300 x 300 x 150 x 127	148 x 115	245 x 245	250 x 250	225 x 225
EP431-ES431	400 x 300 x 150 x 127	148 x 115	345 x 245	350 x 250	325 x 225
EP432-ES432	400 x 300 x 200 x 177	198 x 165	345 x 245	350 x 250	325 x 225
EP541-ES541	500 x 400 x 150 x 127	148 x 115	445 x 345	450 x 350	425 x 325
EP542-ES542	500 x 400 x 200 x 177	198 x 165	445 x 345	450 x 350	425 x 325
EP5425-SE5425	500 x 400 x 250 x 227	248 x 215	445 x 345	450 x 350	425 x 325
EP641-ES641	600 x 400 x 150 x 127	148 x 115	545 x 345	550 x 350	525 x 325
EP642-ES642	600 x 400 x 200 x 177	198 x 165	545 x 345	550 x 350	525 x 325
EP651-ES651	600 x 500 x 150 x 127	148 x 115	545 x 445	550 x 450	525 x 425
EP652-ES652	600 x 500 x 200 x 177	198 x 165	545 x 445	550 x 450	525 x 425
EP6525-ES6525	600 x 500 x 250 x 227	248 x 215	545 x 445	550 x 450	525 x 425
EP752-ES752	700 x 500 x 200 x 177	198 x 165	645 x 445	650 x 450	625 x 425
EP7525-ES7525	700 x 500 x 250 x 227	248 x 215	645 x 445	650 x 450	625 x 425
EP862-ES862	800 x 600 x 200 x 177	198 x 165	745 x 545	750 x 550	725 x 525
EP8625-ES8625	800 x 600 x 250 x 227	248 x 215	745 x 545	750 x 550	725 x 525
EP863-ES863	800 x 600 x 300 x 277	298 x 265	745 x 545	750 x 550	725 x 525
EP10625	1000 x 600 x 250 x 227	248 x 215	945 x 545	950 x 550	925 x 525
EP1063-ES1063	1000 x 600 x 300 x 277	298 x 265	945 x 545	950 x 550	925 x 525
EP1083-ES1083	1000 x 800 x 300 x 277	298 x 265	945 x 945	950 x 750	925 x 725
EP12625-ES12625	1200 x 600 x 250 x 227	248 x 215	1145 x 545	1150 x 550	1125 x 525
EP1263-ES1263	1200 x 600 x 300 x 277	298 x 265	1145 x 545	1150 x 550	1125 x 525
EP1283-ES1283	1200 x 800 x 300 x 377	298 x 265	1145 x 745	1150 x 750	1125 x 725

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economy enclosures stainless steel single door



Economy Enclosures Stainless Steel Single Door





A general-purpose enclosure available in Stainless Steel. Economy Enclosure 304 and 316 #4 Brushed Stainless Steel Single Door IP 65.

- Galvanized Z275 3.0mm Heavy Duty Mounting Pan supplied and fitted as standard.
- Made to be compliant with, AS/NZS3000, AS/NZS6002, AS/NZS3439 and AS/NZS3012.
- Standard finish is #4 brushed finish.
- Manufactured using Australian 1.0-1.5mm 304 or 316
 Stainless Steel.
- Cable entry Gland Plate, Polyurethane seal and fixings supplied in the base.
- Rated IP 65 protection rating.
- Stainless Steel ¼ turn, Square Drive, Door Lock.
- Flush.
- Earth Strap and M6 Earth Studs supplied.
- Concealed removable Door hinges with removable pins.
- Reversable LH or RH Door with 130 degree opening.
- 3-point locking available for enclosures larger than 800 wide.













Customisation and Accessories:

- Rain Hoods
- Sun Shields
- Pindle Hinges
- Lift Off Hinges
- T Handle Door Locks
- L Handle Door Locks
- Keyed Knob Locks
- Keyed Flush Locks
- Swing Handle Padlock Kits

- D Handles
- Door Stays
- Plan Holders
- Internal Slotted Din Rail
- External Ventilation Plates
- Pole Mounting Kits
- Galvanized Channel Iron Plinths
- Plinths
- Inner Door Kits

- Escutcheon Covers
- Rack Brackets
- Polycarbonate Door Windows
- Extra Gland Plate for top cable entry
- External Mounting Brackets
- Latch Lugs
- Lifting Lugs
- Special Sizes made to order



Economy Enclosures Stainless Steel Single Door

# Code	Product Details	Qty
ES221	200X200X150 Stainless 304 #4 1.0mm IP65	1
ES221P	200X200X150 Stainless 316 #4 1.0mm IP65	1
ES321	300X200X150 Stainless 304 #4 1.0mm IP65	1
ES321P	300X200X150 Stainless 316 #4 1.0mm IP65	1
ES322	300X200X200 Stainless 304 #4 1.0mm IP65	1
ES322P	300X200X200 Stainless 316 #4 1.0mm IP65	1
ES331	300X300X150 Stainless 304 #4 1.0mm IP65	1
ES331P	300X300X150 Stainless 316 #4 1.0mm IP65	1
ES331P	300X300X150 Stainless 316 #4 1.0mm IP65	1
ES332	300X300X200 Stainless 304 #4 1.0mm IP65	1
ES332P	300X300X200 Stainless 316 #4 1.0mm IP65	1
ES3325	300X300X250 Stainless 304 #4 1.0mm IP65	1
ES3325P	300X300X250 Stainless 316 #4 1.0mm IP65	1
ES431	400X300X150 Stainless 304 #4 1.0mm IP65	1
ES431P	400X300X150 Stainless 316 #4 1.0mm IP65	1
ES432	400X300X200 Stainless 304 #4 1.0mm IP65	1
ES432P	400X300X200 Stainless 316 #4 1.0mm IP65	1
ES442	400X400X200 Stainless 304 #4 1.0mm IP65	1
ES442P	400X400X200 Stainless 316 #4 1.0mm IP65	1
ES541	500X400X150 Stainless 304 #4 1.0mm IP65	1
ES541P	500X400X150 Stainless 316 #4 1.0mm IP65	1
ES542	500X400X200 Stainless 304 #4 1.0mm IP65	1
ES542P	500X400X200 Stainless 316 #4 1.0mm IP65	1
ES5425	500X400X250 Stainless 304 #4 1.0mm IP65	1
ES5425P	500X400X250 Stainless 316 #4 1.0mm IP65	1

# Code	Product Details	Qty
ES641	600X400X150 Stainless 304 #4 1.2mm IP65	1
ES641P	600X400X150 Stainless 316 #4 1.2mm IP65	1
ES642	600X400X200 Stainless 304 #4 1.2mm IP65	1
ES642P	600X400X200 Stainless 316 #4 1.2mm IP65	1
ES6425	600X400X250 Stainless 304 #4 1.2mm IP65	1
ES6425P	600X400X250 Stainless 316 #4 1.2mm IP65	1
ES651	600X500X150 Stainless 304 #4 1.2mm IP65	1
ES651P	600X500X150 Stainless 316 #4 1.2mm IP65	1
ES652	600X500X200 Stainless 304 #4 1.2mm IP65	1
ES652P	600X500X200 Stainless 316 #4 1.2mm IP65	1
ES6525	600X500X250 Stainless 304 #4 1.2mm IP65	1
ES6525P	600X500X250 Stainless 316 #4 1.2mm IP65	1
ES6625	600X600X250 Stainless 304 #4 1.2mm IP65	1
ES6625P	600X600X250 Stainless 316 #4 1.2mm IP65	1
ES6630	600X600X300 Stainless 304 #4 1.2mm IP65	1
ES6630P	600X600X300 Stainless 316 #4 1.2mm IP65	1
ES664	600X600X400 Stainless 304 #4 1.2mm IP65	1
ES664P	600X600X400 Stainless 316 #4 1.2mm IP65	1
ES742	700X400X200 Stainless 304 #4 1.2mmIP65	1
ES742P	700X400X200 Stainless 316 #4 1.2mm IP65	1
ES752	700X500X200 Stainless 304 #4 1.2mm IP65	1
ES752P	700X500X200 Stainless 316 #4 1.2mm IP65	1
ES7525	700X500X250 Stainless 304 #4 1.2mm IP65	1

PTO for larger sizes >

economy enclosures stainless steel single door



Economy Enclosures Stainless Steel Single Door

# Code	Product Details	Qty
ES7525P	700X500X250 Stainless 316 #4 1.2mm IP65	1
ES862	800X600X200 Stainless 304 #4 1.5mm IP65	1
ES862P	800X600X200 Stainless 316 #4 1.5mm IP65	1
ES8625	800X600X250 Stainless 304 #4 1.5mm IP65	1
ES8625P	800X600X250 Stainless 316 #4 1.5mm IP65	1
ES863	800X600X300 Stainless 304 #4 1.5mm IP65	1
ES863P	800X600X300 Stainless 316 #4 1.5mm IP65	1
ES883	800X800X300 Stainless 304 #4 1.5mm IP65	1
ES883P	800X800X300 Stainless 316 #4 1.5mm IP65	1
ES884	800X800X400 Stainless 304 #4 1.5mm IP65	1
ES884P	800X800X400 Stainless 316 #4 1.5mm IP65	1
ES10625	1000X600X250 Stainless 304 #4 1.5mm IP65	1
ES10625P	1000X600X250 Stainless 316 #4 1.5mm IP65	1
ES1063	1000X600X300 Stainless 304 #4 1.5mm IP65	1
ES1063P	1000X600X300 Stainless 316 #4 1.5mm IP65	1
ES1083	1000X800X300 Stainless 304 #4 1.5mm IP65	1
ES1083P	1000X800X300 Stainless 316 #4 1.5mm IP65	1
ES1084	1000X800X400 Stainless 304 #4 1.5mm IP65	1
ES1084P	1000X800X400 Stainless 316 #4 1.5mm IP65	1
ES12625	1200X600X250 Stainless 304 #4 1.5mm IP65	1
ES12625P	1200X600X250 Stainless 316 #4 1.5mm IP65	1



Economy Enclosure Powder Coated Single Door















A general-purpose enclosure available in Powder Coated Galvanized Steel.

Economy Enclosure Z275 Galvanized Steel Powder Coated Single Door IP 65.

- Galvanized Z275 3.0mm Heavy Duty Mounting Pan supplied and fitted as standard.
- Made to be compliant with, AS/NZS3000, AS/NZS6002, AS/NZS3439 and AS/NZS3012.
- Standard finish is Powder Coated Grey.
- Manufactured using Australian 1.0-1.5mm Z275
 Galvanized Steel Powder Coated.
- Cable entry Gland Plate, Polyurethane seal and fixings supplied in the base.
- Rated IP 65 protection rating.
- Chrome Plated ¼ turn, square drive door lock.
- Flush.
- Earth Strap and M6 Earth Studs supplied.
- Concealed removable Door hinges with removable pins.
- Reversable LH or RH Door with 130 degree opening.
- 3 point locking available for enclosures larger than 800 wide.

Customisation and Accessories:

- Rain Hoods
- Sun Shields
- Pindle Hinges
- Lift Off Hinges
- T Handle Door Locks
- L Handle Door Locks
- Keyed Knob Locks
- Keyed Flush Locks
- Swing Handle Padlock Kits

- D Handles
- Door Stays
- Plan Holders
- Internal Slotted Din Rail
- External Ventilation Plates
- Pole Mounting Kits
- Galvanized Channel Iron Plinths
- Plinths
- Inner Door Kits

- Escutcheon Covers
- Rack Brackets
- Polycarbonate Door Windows
- Extra Gland Plate for top cable entry
- External Mounting Brackets
- Latch Lugs
- Lifting Lugs
- Special Sizes made to order

economy enclosure powder coated single door Australia



Economy Enclosure Powder Coated Single Door

# Code	Product Details	Qty
EP221	200X200X150 PC Grey 1.0mm IP65	1
EP321	300X200X150 PC Grey 1.0mm IP65	1
EP322	300X200X200 PC Grey 1.0mm IP65	1
EP331	300X300X150 PC Grey 1.0mm IP65	1
EP332	300X300X200 PC Grey 1.0mm IP65	1
EP3325	300X300X250 PC Grey 1.0mm IP65	1
EP431	400X300X150 PC Grey 1.0mm IP65	1
EP432	400X300X200 PC Grey 1.0mm IP65	1
EP442	400X400X200 PC Grey 1.0mm IP65	1
EP541	500X400X150 PC Grey 1.0mm IP65	1
EP542	500X400X200 PC Grey 1.0mm IP65	1
EP5425	500X400X250 PC Grey 1.0mm IP65	1
EP641	600X400X150 PC Grey 1.2mm IP65	1
EP642	600X400X200 PC Grey 1.2mm IP65	1
EP6425	600X400X250 PC Grey 1.2mm IP65	1
EP651	600X500X150 PC Grey 1.2mm IP65	1
EP652	600X500X200 PC Grey 1.2mm IP65	1
EP6525	600X500X250 PC Grey 1.2mm IP65	1
EP6625	600X600X250 PC Grey 1.2mm IP65	1
EP663	600X600X300 PC Grey 1.2mm IP65	1
EP664	600X600X400 PC Grey 1.2mm IP65	1
EP742	700X400X200 PC Grey 1.2mm IP65	1
EP752	700X500X200 PC Grey 1.2mm IP65	1
EP7525	700X500X250 PC Grey 1.2mm IP65	1
EP862	800X600X200 PC Grey 1.5mm IP65	1

# Code	Product Details	Qty
EP8625	800X600X250 PC Grey 1.5mm IP65	1
EP863	800X600X300 PC Grey 1.5mm IP65	1
EP883	800X800X300 PC Grey 1.5mm IP65	1
EP884	800X800X400 PC Grey 1.5mm IP65	1
EP10625	1000X600X250 PC Grey 1.5mm IP65	1
EP1063	1000X600X300 PC Grey 1.5mm IP65	1
EP1083	1000X800X300 PC Grey 1.5mm IP65	1
EP1084	1000X800X400 PC Grey 1.5mm IP65	1
EP12625	1200X600X250 PC Grey 1.5mm IP65	1
EP1263	1200X600X300 PC Grey 1.5mm IP65	1



Economy Enclosures Stainless Steel Double Door





A general-purpose enclosure available in Stainless Steel. Economy Enclosure 304 and 316 #4 Brushed Stainless Steel Double Door IP 65.

- Galvanized Z275 3.0mm Heavy Duty Mounting Pan supplied and fitted as standard.
- Made to be compliant with, AS/NZS3000, AS/NZS6002, AS/NZS3439 and AS/NZS3012.
- Standard finish is #4 brushed finish.
- Manufactured using Australian 1.0-1.5mm 304 or 316
 Stainless Steel.
- Cable entry Gland Plate, Polyurethane seal and fixings supplied in the base.
- Rated IP 65 protection rating.
- Stainless Steel ¼ turn, Square Drive, Door Lock.
- Flush.
- Earth Strap and M6 Earth Studs supplied.
- Concealed removable Door hinges with removable pins.
- Reversable LH or RH Door with 130 degree opening.
- 3-point locking available for enclosures larger than 800 wide.













Customisation and Accessories:

- Rain Hoods
- Sun Shields
- Pindle Hinges
- Lift Off Hinges
- T Handle Door Locks
- L Handle Door Locks
- Keyed Knob Locks
- Keyed Flush Locks
- Swing Handle Padlock Kits

- D Handles
- Door Stays
- Plan Holders
- Internal Slotted Din Rail
- External Ventilation Plates
- Pole Mounting Kits
- Galvanized Channel Iron Plinths,
- Plinths
- Inner Door Kits

- Escutcheon Covers
- Rack Brackets
- Polycarbonate Door Windows
- Extra Gland Plate for top cable entry
- External Mounting Brackets
- Latch Lugs
- Lifting Lugs
- Special Sizes made to order



Economy Enclosures Stainless Steel Double Door

# Code	Product Size	Qty
ES10103	1000X1000X300 Stainless 304 #4 2 Door 1.5mm IP65	1
ES10103P	1000X1000X300 Stainless 316 #4 2 Door 1.5mm IP65	1
ES10104	1000X1000X400 Stainless 304 2 Door 1.5mm IP65	1
ES10104P	1000X1000X400 Stainless 316 2 Door 1.5mm IP65	1
ES12103	1200X1000X300 Stainless 304 2 Door #4 IP65	1
ES12103P	1200X1000X300 Stainless 316 2 Door #4 IP65	1
ES12104	1200X1000X400 Stainless 304 #4 2 Door 1.5mm IP65	1
ES12104P	1200X1000X400 Stainless 316 #4 2 Door 1.5mm IP65	1
ES12123	1200X1200X300 Stainless 2 Door 304 #4 2 Door 1.5mm IP65	1
ES12123P	1200X1200X300 Stainless 2 Door 316 #4 2 Door 1.5mm IP65	1
ES12124	1200X1200X400 Stainless 2 Door 304 #4 2 Door 1.5mm IP65	1
ES12124P	1200X1200X400 Stainless 2 Door 316 #4 2 Door 1.5mm IP65	1



Economy Enclosure Powder Coated Double Door















A general-purpose enclosure available Powder Coated Galvanized Steel.

Economy Enclosure Z275 Galvanized Steel Powder Coated Double Door IP 65.

- Galvanized Z275 3.0mm Heavy Duty Mounting Pan supplied and fitted as standard.
- Made to be compliant with, AS/NZS3000, AS/NZS6002, AS/NZS3439 and AS/NZS3012.
- Standard finish is Powder Coated Grey.
- Manufactured using Australian 1.0-1.5mm Z275
 Galvanized Steel Powder Coated.
- Cable entry Gland Plate, Polyurethane seal and fixings supplied in the base.
- Rated IP 65 protection rating.
- Chrome Plated ¼ turn, square drive door lock.
- Flush.
- Earth Strap and M6 Earth Studs supplied.
- Concealed removable Door hinges with removable pins.
- Reversable LH or RH Door with 130 degree opening.
- 3 point locking available for enclosures larger than 800 wide.

Customisation and Accessories:

- Rain Hoods
- Sun Shields
- Pindle Hinges
- Lift Off Hinges
- T Handle Door Locks
- L Handle Door Locks
- Keyed Knob Locks
- Keyed Flush Locks
- Swing Handle Padlock Kits

- D Handles
- Door Stays
- Plan Holders
- Internal Slotted Din Rail
- External Ventilation Plates
- Pole Mounting Kits
- Galvanized Channel Iron Plinths
- Plinths
- Inner Door Kits

- Escutcheon Covers
- Rack Brackets
- Polycarbonate Door Windows
- Extra Gland Plate for top cable entry
- External Mounting Brackets
- Latch Lugs
- Lifting Lugs
- Special Sizes made to order

economy enclosure powder coated double door Australia



Economy Enclosure Powder Coated Double Door

# Code	Product Details	Qty
EP10103	1000X1000X300 PC Grey 2 Door 1.5mm IP65	1
EP10104	1000X1000X400 PC Grey 2 Door 1.5mm IP65	1
EP12103	1200X1000X300 PC Grey 2 Door 1.5mm IP65	1
EP12104	1200X1000X400 PC Grey 2 Door 1.5mm IP65	1
EP12123	1200X1200X300 PC Grey 2 Door 1.5mm IP65	1
EP12124	1200X1200X400 PC Grey 2 Door 1.5mm IP65	1
EP1283	1200X800X300 PC Grey 2 Door 1.5mm IP65	1
EP1284	1200X800X400 PC Grey 2 Door 1.5mm IP65	1



Rain Hoods



30 degree sloping roof for self-draining manufactured in 1 piece and bolts to existing Economy Enclosure using blind nut-serts to retain PI rating of IP65. Manufactured in Galvanized Z275 Steel, Powder Coated and 304 and 316 #4 Stainless Steel.















# Code	Product Details	Qty
ABERH2015P	200x150 1.2mm Powder Coated	1
ABERH3015P	300x150 1.2mm Powder Coated	1
ABERH3020P	300x200 1.2mm Powder Coated	1
ABERH3025P	300x250 1.2mm Powder Coated	1
ABERH4015P	400x150 1.2mm Powder Coated	1
ABERH4020P	400x200 1.2mm Powder Coated	1
ABERH4025P	400x250 1.2mm Powder Coated	1
ABERH5015P	500x150 1.2mm Powder Coated	1
ABERH5020P	500x200 1.2mm Powder Coated	1
ABERH5025P	500x250 1.2mm Powder Coated	1

# Code	Product Details	Qty
ABERH6015P	600x150 1.2mm Powder Coated	1
ABERHOU13P	600x150 1.2mm Powder Coaled	1
ABERH6020P	600x200 1.2mm Powder Coated	1
ABERH6025P	600x250 1.2mm Powder Coated	1
ABERH6030P	600x300 1.2mm Powder Coated	1
ABERH6040P	600x400 1.2mm Powder Coated	1
ABERH7020P	700x200 1.2mm Powder Coated	1
ABERH7025P	700x250 1.2mm Powder Coated	1
ABERH7030P	700x300 1.2mm Powder Coated	1
ABERH8020P	800x200 1.5mm Powder Coated	1
ABERH8025P	800x250 1.5mm Powder Coated	1
ABERH8030P	800x300 1.5mm Powder Coated	1
ABERH8040P	800x400 1.5mm Powder Coated	1
ABERH1025P	1000x250 1.5mm Powder Coated	1
ABERH1030P	1000x300 1.5mm Powder Coated	1
ABERH1040P	1000x400 1.5mm Powder Coated	1
ABERH1225P	1200x250 1.5mm Powder Coated	1
ABERH1230P	1200x300 1.5mm Powder Coated	1
ABERH1240P	1200x400 1.5mm Powder Coated	1

# Code	Product Details	Qty
ABERH2015S	200x150 1.2mm Stainless Steel	1
ABERH3015S	300x150 1.2mm Stainless Steel	1
ABERH3020S	300x200 1.2mm Stainless Steel	1

More size options on next page >

accessories details - Rain Hoods Australia



Rain Hoods

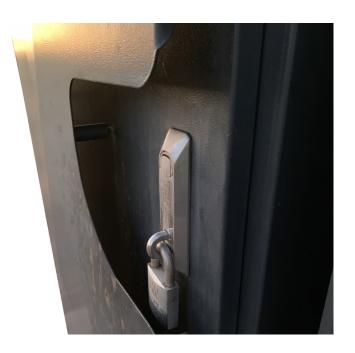
# Code	Product Details	Qty
ABERH3025S	300x250 1.2mm Stainless Steel	1
ABERH4015S	400x150 1.2mm Stainless Steel	1
ABERH4020S	400x200 1.2mm Stainless Steel	1
ABERH4025S	400x250 1.2mm Stainless Steel	1
ABERH5015S	500x150 1.2mm Stainless Steel	1
ABERH5020S	500x200 1.2mm Stainless Steel	1
ABERH5025S	500x250 1.2mm Stainless Steel	1
ABERH6015S	600x150 1.2mm Stainless Steel	1
ABERH6020S	600x200 1.2mm Stainless Steel	1
ABERH6025S	600x250 1.2mm Stainless Steel	1
ABERH6030S	600x300 1.2mm Stainless Steel	1
ABERH6040S	600x400 1.2mm Stainless Steel	1
ABERH7020S	700x200 1.2mm Stainless Steel	1
ABERH7025S	700x250 1.2mm Stainless Steel	1
ABERH7030S	700x300 1.2mm Stainless Steel	1
ABERH8020S	800x200 1.5mm Stainless Steel	1
ABERH8025S	800x250 1.5mm Stainless Steel	1
ABERH8030S	800x300 1.5mm Stainless Steel	1
ABERH8040S	800x400 1.5mm Stainless Steel	1
ABERH1025S	1000x250 1.5mm Stainless Steel	1
ABERH1030S	1000x300 1.5mm Stainless Steel	1
ABERH1040S	1000x400 1.5mm Stainless Steel	1
ABERH1225S	1200x250 1.5mm Stainless Steel	1
ABERH1230S	1200x300 1.5mm Stainless Steel	1
ABERH1240S	1200x400 1.5mm Stainless Steel	1



Sun Shields

Manufactured as an option in extreme climates to be able to insulate the enclosure from the direct sun light if mounted without shade. Suits any enclosure configuration and fitted using M8 bolts and spacers. 50mm spacing between the enclosure and the sunshield. Manufactured in Galvanized Z275 Steel, Powder Coated and 304 and 316 #4 Stainless Steel. Includes M8 x 50 bolts, spacers, sealing washers and dome nuts.







accessories details - sun shields Australia



Sun Shields

# Code	Product Details	Qty
ABESS121030	1200X1000X300 2 Door 1.5mm	1
ABESS121040	1200X1000X400 2 Door 1.5mm	1
ABESS121230	1200X1200X300 2 Door 1.5mm	1
ABESS121240	1200X1200X400 2 Door 1.5mm	1
ABESS128030	1200X800X300 2 Door 1.5mm	1
ABESS128040	1200X800X400 2 Door 1.5mm	1
ABESS202015	200X200X150 1.2mm	1
ABESS302015	300X200X150 1.2mm	1
ABESS302020	300X200X200 1.2mm	1
ABESS303015	300X300X150 1.2mm	1
ABESS303020	300X300X200 1.2mm	1
ABESS303025	300X300X250 1.2mm	1
ABESS403015	400X300X150 1.2mm	1
ABESS403020	400X300X200 1.2mm	1
ABESS404020	400X400X200 1.2mm	1
ABESS504015	500X400X150 1.2mm	1
ABESS504020	500X400X200 1.2mm	1
ABESS504025	500X400X250 1.2mm	1
ABESS604015	600X400X150 1.2mm	1
ABESS604020	600X400X200 1.2mm	1
ABESS604025	600X400X250 1.2mm	1
ABESS605015	600X500X150 1.2mm	1
ABESS605020	600X500X200 1.2mm	1
ABESS605025	600X500X250 1.2mm	1
ABESS606025	600X600X250 1.2mm	1

# Code	Product Details	Qty
ABESS60603	600X600X300 1.2mm	1
ABESS606040	600X600X400 1.2mm	1
ABESS704020	700X400X200 1.2mm	1
ABESS705020	700X500X200 1.2mm	1
ABESS705025	700X500X250 1.2mm	1
ABESS806020	800X600X200 1.5mm	1
ABESS806025	800X600X250 1.5mm	1
ABESS806030	800X600X300 1.5mm	1
ABESS808030	800X800X300 1.5mm	1
ABESS808040	800X800X400 1.5mm	1
ABESS106025	1000X600X250 1.5mm	1
ABESS106030	1000X600X300 1.5mm	1
ABESS108030	1000X800X300 1.5mm	1
ABESS108040	1000X800X400 1.5mm	1
ABESS126025	1200X600X250 1.5mm	1
ABESS126030	1200X600X300 1.5mm	1
ABESS101030	1000X1000X300 2 Door 1.5mm	1
ABESS101040	1000X1000X400 2 Door 1.5mm	1



Pindle Hinges





# Code	Product Details	Qty
ABAD81	Pindle Hinge 80mm Brass Chrome Plated	1
ABAD82	Pindle Hinge 50mm Brass Chrome Plated	1
ABAD83	Pindle Hinge 80mm Brass Chrome Plated	1
ABAD831	Pindle Hinge 80mm Brass Chrome Plated	1
ABCL2041	Pindle Hinge 80mm Zinc Die Cast Nickel Plated	1
ABAD81SS	Pindle Hinge 80mm Stainless	1

Stylish design to give a finished look. Manufactured in 316 Stainless and Chrome Plated. Includes screws. Other hinges available upon request.

accessories details - LIFT OFF HINGES



Lift Off Hinges



# Code	Product Details	Qty
AB96LS	Lift Off Hinge Black Powder Coated Zinc in line	1
AB96LRH	Lift Off Hinge Black Powder Coated Zinc RH Offset	1
AB96LLH	Lift Off Hinge Black Powder Coated Zinc LH Offset	1
AB901442	Lift Off Hinge Black Stainless Right Hand	1
AB901443	Lift Off Hinge Black Stainless Left Hand	1

Allows for quick, easy door removal. Can also be permanently installed. Manufactured in Zinc Alloy, Black Chrome, Bright Chrome and 316 Stainless Steel Finish. Other hinges available upon request.





T Handle Door Locks Large



# Code	Product Details	Qty
ABTHF100-1A	T Handle Front Fixing Keyed KA92268 Anti-Clockwise	1
ABTHF100-1A18	T Handle Front Fixing Keyed KA92268 Anti-Clockwise	1
ABTHF100-1C	T Handle Front Fixing Keyed KA92268 Clockwise	1
ABTHR100-1A	T Handle Rear Fixing Keyed KA92268 Anti-Clockwise	1
ABTHR100-1C	T Handle Rear Fixing Keyed KA92268 Clockwise	1

Internal or external fixing and keyed KA92268 or non-keyed with clockwise or anti-clockwise opening. Material is steel with chrome plated finish.

accessories details - Thandle door Locks small



T Handle Door Locks Small





# Code	Product Details	Qty
ABTHF60-1A	T Handle Front Fixing Keyed KA92268 Anti-Clockwise	1
ABTHF60-1C	T Handle Front Fixing Keyed KA92268 Clockwise	1
ABTHR60-1A	T Handle Rear Fixing Keyed KA92268 Anti-Clockwise	1
ABTHR60-1C	T Handle Rear Fixing Keyed KA92268 Clockwise	1
ABTHR60-NLA	T Handle Rear Fixing Non-Locking Anti-Clockwise	1
ABTHR60-NLC	T Handle Rear Fixing Non-Locking Clockwise	1

Internal or external fixing and keyed KA92268 or non-keyed with clockwise or anti-clockwise opening. Material is steel with chrome plated finish.



L Handle Door Locks



# Code	Product Details	Qty
ABLHF115-1A	L Handle Front Fixing Keyed KA92268 Anti-Clockwise	1
ABLHF115-1C	L Handle Front Fixing Keyed KA92268 Anti-Clockwise	1
ABLHR115-1A	L Handle Rear Fixing Keyed KA92268 Anti-Clockwise	1
ABLHR115-1C	L Handle Rear Fixing Keyed KA92268 Anti-Clockwise	1
ABLHF115-NLA	L Handle Front Fixing Keyed KA92268 Anti-Clockwise	1
ABLHF115-NLC	L Handle Front Fixing Keyed KA92268 Anti-Clockwise	1
ABLHP115-75	L Handle Rear Fixing Padlockable	1
ABLHPB-AC	L Handle Padlockable Bracket Anti-Clockwise	1
ABLHPB-C	L Handle Padlockable Bracket Clockwise	1

Internal fixing and keyed or non-keyed with clockwise opening. Material is steel with chrome plated finish.

accessories Details - 1/4 Turn Wing Knob Locks



1/4 Turn Wing Knob Locks



# Code	Product Details	Qty
ABASR18W63SHSC	Quarter Turn Wing Knob	1
ABAHWT013SHSC	Quarter Turn Wing Knob Keyed 268	1

Quarter turn latch. Made in Zinc plated, and black powder coated. Rated IP65 $\,$





Keyed flush locks



# Code	Product Details	Qty
ABASP18013CHSC	Keyed 268 Chrome Quarter Turn Flush	1

Keyed Flush Lock 268 Chrome 20mm 1/4 Turn.

accessories details - spanner Lock`18mm stainless



Spanner Lock`18mm Stainless



Stainless			
# Code	Product Details	Qty	
ABASR187SSSHT2	7mm Square Drive (Comes Standard)	1	
ABASR188DSSHT2	8mm Square Drive 2mm slot	1	
ABASR188SSSHT2	8mm Square Drive	1	
ABASR188TSSHT2	8mm Triangle Drive	1	
ABASR18DSSSHT2	2mm Driver Slot	1	

316 Stainless Steel finish. Different Barrel Inserts, 7mm Square, 8mm Square (2mm slot), 8mm Square, 8mm Triangle, 2mm Slotted Head.









Spanner Lock`18mm



# Code	Product Details	Qty
ABASR187S3SHSC	7mm Square Drive (Comes Standard)	1
ABASR183P3SHSC	3mm Pin Drive	1
ABASR185P3SHSC	5mm Pin Drive	1
ABASR187F3SHSC	7mm Female Square Drive	1
ABASR188D3SHSC	8mm Square 2mm Slot Drive	1
ABASR188S3SHSC	8mm Square Drive	1
ABASR188T3SHSC	8mm Triangle Drive	1
ABASR18DS3SHSC	2mm Driver Slot	1

Chrome Plated finish. Different Barrel Inserts, 3mm Pin, 5mm Pin, 7mm Female Square, 7mm Square, 8mm Square (2mm slot), 8mm Square, 8mm Triangle, 2mm Slotted Head.











Spanner Lock Keys



# Code	Product Details	Qty
ABZDKEY7S1	Latch Key 7 mm Square	1
ABZDKEY8T1	Latch Key 8 mm Triangle	1
ABZDKEY8S1	Latch Key 8 mm Square	1
ABZDKEY3P1	Latch Key 3 mm Pin	1
ABZDKEY5P1	Latch Key 5 mm Pin	1









Swing Handle Keyed and Pad Lock Kits



# Code	Product Details	Qty
ABSHL160SS1	Lock Swing Handle Key 92268 Stainless 316	1
ABSHB142CPE1	Lock Swing Handle Key 92268 Chrome	1
ABSHP142CP	Lock Swing Handle Padlockable Chrome	1
ABSHP142BC	Lock Swing Handle Padlock Black Chrome	1
ABSHP142SS	Lock Swing Handle Padlockable Stainless 316	1

Can be used with 3 Point Locking system. Comes in Black Chrome, 316 Stainless and Chrome Plated finishes. Keyed 92268 or non-keyed.







accessories details - D Handles



D Handles







Door handles manufactured in 316 Stainless, Zinc Die Cast Chrome Plated and Plastic.





Door Stays



# Code	Product Details	Qty
AB542104	M/Box Door Stay Zinc	1
AB543004	M/Box Door Stay Compact Stainless	1
ABDS180SS	M/Box Door Stay Standard Stainless	1

Heavy duty door retainer. Automatically locks at the open-end position. Left- or right-hand application. Can be retained with an opening angle of 90-degree, 105-degree, 120-degree and 135-degrees.



accessories Details - 3 Point Locking



3 Point Locking



# Code	Product Details	Qty
AB283018	3 Point Locking Door 304 Stainless	1
AB282114	3 Point Locking Door Zinc Plated	1

Suitable for larger enclosures to retain the top, center and bottom of the door. Manufactured in Stainless and Zinc.





Document Holders



# Code	Product Details	Qty
ABMBDH	Document Holder A4 260x205 Galv	1
ABMBDHS	Document Holder A4 260x205 Stainless	1

A4 Sized (260×205) holder mounted on the inside of the door of enclosures larger than 400sq to retain electricians required documents relevant to the enclosure.



accessories details - internal slotted din Rail



Internal Slotted Din Rail



# Code	Product Details	Qty
ABIDR3	Slotted Din Rail Suit 300mm wide Enclosure	1
ABIDR4	Slotted Din Rail Suit 400mm wide Enclosure	1
ABIDR5	Slotted Din Rail Suit 500mm wide Enclosure	1
ABIDR6	Slotted Din Rail Suit 600mm wide Enclosure	1
ABIDR7	Slotted Din Rail Suit 700mm wide Enclosure	1
ABIDR8	Slotted Din Rail Suit 800mm wide Enclosure	1
ABIDR10	Slotted Din Rail Suit 1000mm wide Enclosure	1
ABIDR12	Slotted Din Rail Suit 1200mm wide Enclosure	1





External Vent Plates



# Code	Product Details	Qty
ABMBLV12	Louvre Vent Plates 120SQ Galv	1
ABMBLV12S	Louvre Vent Plates 120SQ Stainless	1
ABMBLV22	Louvre Vent Plates 220SQ Galv	1
ABMBLV22S	Louvre Vent Plates 220SQ Stainless	1





accessories details - Pole mounting kits Australia



Pole Mounting Kits



# Code	Product Details	Qty
ABMBST1	Enclosure Stand 2x50sq RHS poles Inc. Cover Plates	1
ABTPST	Temporary Power Stand Pair Galv LH RH	1







Galvanized Channel Iron Plinths



# Code	Product Details	Qty
ABECP4020	Hot Dip Galvanized Channel Plinth 400x200 3.0mm	1
ABECP4025	Hot Dip Galvanized Channel Plinth 400x250 3.0mm	1
ABECP5020	Hot Dip Galvanized Channel Plinth 500x200 3.0mm	1
ABECP5025	Hot Dip Galvanized Channel Plinth 500x250 3.0mm	1
ABECP6020	Hot Dip Galvanized Channel Plinth 600x200 3.0mm	1
ABECP6025	Hot Dip Galvanized Channel Plinth 600x250 3.0mm	1
ABECP3030	Hot Dip Galvanized Channel Plinth 300x300 3.0mm	1
ABECP6040	Hot Dip Galvanized Channel Plinth 600x400 3.0mm	1
ABECP7020	Hot Dip Galvanized Channel Plinth 700x200 3.0mm	1
ABECP7025	Hot Dip Galvanized Channel Plinth 700x250 3.0mm	1
ABECP7030	Hot Dip Galvanized Channel Plinth 700x300 3.0mm	1
ABECP8020	Hot Dip Galvanized Channel Plinth 800x200 3.0mm	1
ABECP8025	Hot Dip Galvanized Channel Plinth 800x250 3.0mm	1
ABECP8030	Hot Dip Galvanized Channel Plinth 800x300 3.0mm	1

# Code	Product Details	Qty
ABECP8040	Hot Dip Galvanized Channel Plinth 800x400 3.0mm	1
ABECP1025	Hot Dip Galvanized Channel Plinth 1000x250 3.0mm	1
ABECP1030	Hot Dip Galvanized Channel Plinth 1000x300 3.0mm	1
ABECP1040	Hot Dip Galvanized Channel Plinth 1000x400 3.0mm	1
ABECP1225	Hot Dip Galvanized Channel Plinth 1200x250 3.0mm	1
ABECP1230	Hot Dip Galvanized Channel Plinth 1200x300 3.0mm	1
ABECP1240	Hot Dip Galvanized Channel Plinth 1200x400 3.0mm	1

Heavier gauge Plinth of various sizes but lower profile (70mm height) to suit the economy enclosure required. Manufactured using Australian Standard Black Mild Steel and then Hot Dip Galvanized.

accessories Details - Plinths



Plinths



# Code	Product Details	Qty
ABEP4020	Economy Enclosure Plinth 400x200 1.2mm	1
ABEP4025	Economy Enclosure Plinth 400x250 1.2mm	1
ABEP5020	Economy Enclosure Plinth 500x200 1.2mm	1
ABEP5025	Economy Enclosure Plinth 500x250 1.2mm	1
ABEP6020	Economy Enclosure Plinth 600x200 1.2mm	1
ABEP6025	Economy Enclosure Plinth 600x250 1.2mm	1
ABEP3030	Economy Enclosure Plinth 300x300 1.2mm	1
ABEP6040	Economy Enclosure Plinth 600x400 1.2mm	1
ABEP7020	Economy Enclosure Plinth 700x200 1.2mm	1
ABEP7025	Economy Enclosure Plinth 700x250 1.2mm	1
ABEP7030	Economy Enclosure Plinth 700x300 1.2mm	1
ABEP8020	Economy Enclosure Plinth 800x200 1.2mm	1
ABEP8025	Economy Enclosure Plinth 800x250 1.2mm	1
ABEP8030	Economy Enclosure Plinth 800x300 1.2mm	1
ABEP8040	Economy Enclosure Plinth 800x400 1.2mm	1
ABEP1025	Economy Enclosure Plinth 1000x250 1.2mm	1
ABEP1030	Economy Enclosure Plinth 1000x300 1.2mm	1
ABEP1040	Economy Enclosure Plinth 1000x400 1.2mm	1

# Code	Product Details	Qty
ABEP1225	Economy Enclosure Plinth 1200x250 1.2mm	1
ABEP1230	Economy Enclosure Plinth 1200x300 1.2mm	1
ABEP4020	Economy Enclosure Plinth 1200x400 1.2mm	1

Lighter gauge Plinths of various sizes and heights to suit the economy enclosure required. These include cable access top and bottom. Manufactured using Australian Standard Galvanized Z275, Powder Coated or 304 and 316 #4 Brushed Stainless.



Inner Door and Escutcheon Kits



#Code **Product Details** Qty ABMBEDK32 Escutcheon Door Kit 300 X 200 1.2 PC White 1 ABMBEDK33 Escutcheon Door Kit 300 X 300 1.2 PC White 1 ABMBEDK34 Escutcheon Door Kit 300 X 400 1.2 PC White 1 ABMBEDK43 Escutcheon Door Kit 400 X 300 1.2 PC White 1 ABMBEDK44 Escutcheon Door Kit 400 X 400 1.2 PC White 1 ABMBEDK46 Escutcheon Door Kit 400 X 600 1.2 PC White ABMBEDK54 Escutcheon Door Kit 500 X 400 1.2 PC White ABMBEDK55 Escutcheon Door Kit 500 X 500 1.2 PC White Escutcheon Door Kit600 X 400 1.2 PC White ABMBEDK64 ABMBEDK65 Escutcheon Door Kit600 X 500 1.5 PC White 1 Escutcheon Door Kit600 X 600 1.5 PC White ABMBEDK66 1 ABMBEDK86 Escutcheon Door Kit800 X 600 1.5 PC White 1 ABMBEDK88 Escutcheon Door Kit800 X 800 1.5 PC White ABMBEDK106 Escutcheon Door Kit 1000 X 600 1.5 PC White 1 ABMBEDK108 Escutcheon Door Kit 1000 X 800 1.5 PC White 1 ABMBEDK126 Escutcheon Door Kit1200 X 600 1.5 PC White ABMBEDK128 Escutcheon Door Kit1200 X 800 1.5 PC White

Designed to fit internally any standard Economy Enclosure. Simply bolts up to the 4 mounting studs located inside the enclosure. Comes with slotted mounting brackets to allow adjustment internally. Some enclosures may need modifications to accommodate installation of the kits. Each kit includes Polyamide hinges with counter sunk holes, nuts, washers and bolts.





accessories Details - 19" Data Rack Brackets



19" Data Rack Brackets

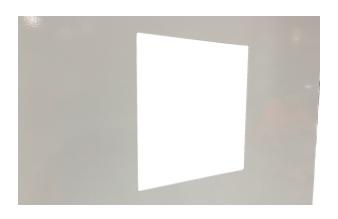


# Code	Product Details	Qty
ABEDR6	Economy 19" Data Rack suit any 600 high enclosure	1
ABEDR8	Economy 19" Data Rack suit any 800 high enclosure	1
ABEDR10	Economy 19" Data Rack suit 1000 high enclosure	1
ABEDR12	Economy 19" Data Rack suit 1200 high enclosure	1

The 19" Data Rack Brackets are designed to fit any height Enclosure but ONLY 600mm wide Economy Enclosures. The racks come as a pair and bolt to the 4 studs located in the enclosure and are slotted to allow some depth adjustment. Manufactured using 1.6mm Z275 Galvanized Steel and powder coated Bright White.



Polycarbonate Door Windows



# Code	Product Details	Qty
ABMBW32	Polycarbonate Door Window suit 300x200 door	1
ABMBW33	Polycarbonate Door Window suit 300x300 door	1
ABMBW43	Polycarbonate Door Window suit 400x300 door	1
ABMBW44	Polycarbonate Door Window suit 400x400 door	1
ABMBW54	Polycarbonate Door Window suit 500x400 door	1
ABMBW55	Polycarbonate Door Window suit 500x500 door	1
ABMBW64	Polycarbonate Door Window suit 600x400 door	1
ABMBW65	Polycarbonate Door Window suit 600x500 door	1
ABMBW66	Polycarbonate Door Window suit 600x600 door	1
ABMBW86	Polycarbonate Door Window suit 800x600 door	1
ABMBW88	Polycarbonate Door Window suit 800x800 door	1
ABMBW106	Polycarbonate Door Window suit 1000x600 door	1
ABMBW108	Polycarbonate Door Window suit 1000x800 door	1
ABMBW126	Polycarbonate Door Window suit 1200x600 door	1

# Code	Product Details	Qty
ABMBW128	Polycarbonate Door Window suit 1200x800 door	1
ABMBW1010D	Polycarbonate Door Window suit 1000x1000 Double door	1
ABMBW128D	Polycarbonate Door Window suit 1200x800 Double door	1
ABMBW1210D	Polycarbonate Door Window suit 1200x1000 Double door	1
ABMBW1212D	Polycarbonate Door Window suit 1200x1200 Double door	1

Clear 5.0mm Polycarbonate viewing window secured on the inside of the door using 3M VHB Double Sided Extreme Strength 0.6 mm Tape. Comes in 17 different standard sizes.

accessories Details - extra gland plates for top cable entry



Extra Gland Plates for top cable entry



# Code	Product Details	
ABGP3015	Enclosure Gland Plate 300 X 150 Aluminium 3.0	
ABGP3020	Enclosure Gland Plate 300 X 200 Aluminium 3.0	1
ABGP4015	Enclosure Gland Plate 400 X 150 Aluminium 3.0	1
ABGP4020	Enclosure Gland Plate 400 X 200 Aluminium 3.0	
ABGP5015	Enclosure Gland Plate 500 X 150 Aluminium 3.0	
ABGP5020	Enclosure Gland Plate 500 X 200 Aluminium 3.0	
ABGP6015	Enclosure Gland Plate 600 X 150 Aluminium 3.0	
ABGP6020	Enclosure Gland Plate 600 X 200 Aluminium 3.0	1

Gland Plates of various sizes to fit most Economy Enclosures. The Gland Plates are supplied with polyurethane seal to maintain the IP rating and are pre-punched to be able to mount using supplied stainless bolts, nuts and washers.



Lifting Lugs



# Code	Product Details	Qty
ABMBLLMS	Lifting Lug suit Enclosure MS	1
ABMBLLSS	Lifting Lug suit Enclosure Stainless	1

Lifting lugs designed to lift more than the weight of the specified economy enclosure. Each lug is fixed to the enclosure roof section using $2 \times M10$ bolts and nut-serted opposite the direction of lift for added strength.

TERMINATION ENCLOSURES RATED IP66, POWDER COATED OR STAINLESS STEEL



Termination Enclosures Rated IP66, Powder coated or Stainless Steel





This TB range of enclosures is designed for applications, where a smaller enclosure with an IP66 rating and a screwed-on lid is required, while maintaining the same features in strength, quality and protection against corrosion as in the Economy range.

Features:

- Manufactured from 1.0mm Powder Coated Galva bond Z275 zinc coated steel and Australian Grade 316 Marine Grade Stainless Steel.
- Fully welded reinforced corners for greater strength.
- Standard finish is Powder Coated Grey.
- Lid secured with non-corrosive screws indented into the lid and held captive with rubber washers.
- IP 66 protection rating.
- Rubber seal incorporating spring steel clamping for superior dust proofing.

Standard equipment with each enclosure:

- Galvanised mounting pan, mounting brackets with bolts and nuts.
- Earth strap with nuts and washers and DIN rail.
- Industrial 3 Phase Enclosures Descriptions.

In compliance with AS3000, AS3439.1 and Utilities Services & Installation Rules.





TERMINATION ENCLOSURES RATED IP66, POWDER COATED OR STAINLESS STEEL

Termination Enclosures Rated IP66, Powder coated or Stainless Steel

Z275 Powder Coated			
# Code	Product Details	Qty	
ABTB151512P	150 x 150 x 120 IP66 Rated Powder Coated	1	
ABTB202012P	200 x 200 x 120 IP66 Rated Powder Coated	1	
ABTB301512P	300 x 150 x 120 IP66 Rated Powder Coated	1	
ABTB302012P	300 x 200 x 120 IP66 Rated Powder Coated	1	
ABTB303012P	300 x 300 x 120 IP66 Rated Powder Coated	1	
ABTB402012P	400 x 200 x 120 IP66 Rated Powder Coated	1	
ABTB403012P	400 x 300 x 120 IP66 Rated Powder Coated	1	
ABTB602012P	600 x 200 x 120 IP66 Rated Powder Coated	1	
ABTB603012P	600 x 300 x 120 IP66 Rated Powder Coated	1	
ABTB404012P	400 x 400 x 120 IP66 Rated Powder Coated	1	
ABTB15158P	150 x 150 x 80 IP66 Rated Powder Coated	1	
ABTB30158P	300 x 150 x 80 IP66 Rated Powder Coated	1	
ABTB20208P	200 x 200 x 80 IP66 Rated Powder Coated	1	
ABTB30208P	300 x 200 x 80 IP66 Rated Powder Coated	1	
ABTB40208P	400 x 200 x 80 IP66 Rated Powder Coated	1	
ABTB40308P	400 x 300 x 80 IP66 Rated Powder Coated	1	

316 Stainless Steel		
# Code	Product Details	
ABTB15158S	150 x 150 x 80 IP66 Rated Stainless	1
ABTB151512S	150 x 150 x 120 IP66 Rated Stainless	1
ABTB30158S	300 x 150 x 80 IP66 Rated Stainless	1
ABTB301512S	300 x 150 x 120 IP66 Rated Stainless	1
ABTB20208S	200 x 200 x 80 IP66 Rated Stainless	1
ABTB202012S	200 x 200 x 120 IP66 Rated Stainless	
ABTB30208S	300 x 200 x 80 Stainless	1
ABTB302012S	300 x 200 x 120 Stainless	
ABTB30308S	300 x 300 x 80 Stainless	
ABTB303012S	300 x 300 x 120 Stainless	
ABTB40208S	400 x 200 x 80 Stainless	1
ABTB402012S	400 x 200 x 120 Stainless	1
ABTB40308S	400 x 300 x 80 Stainless	1
ABTB403012S	400 x 300 x 120 Stainless	

















SPECIAL SIZES MADE TO ORDER



Special sizes made to order



Call our Technical Sales Department and we can offer Drafting Services and options to suit your needs.

A&B Industries also like to highlight their ability to manufacture non-standard equipment in:

- Galvanised steel, stainless steel, aluminium, mild steel tubing etc.
- Switchboards and general purpose enclosures complete with cut-outs, equipment mounting plates, rain hoods.
- Powder coating of our products in any colour
- Ducting and flashings
- Galvanised protection cages in any size
- Customer's Support Poles as specified by SAPN Guide for Customer's support poles
- Guillotining, bending, punching, welding, CNC Turret
 Punching and CNC Plasma Cutting

Feel free to call us anytime during working hours for an obligation free quotation and assistance in design.







The attractive and hygienic surface appearance of Stainless steel products cannot be regarded as completely maintenance free. All grades and finishes of Stainless steel may in fact stain, discolour or attain an adhering layer of grime in normal service. To achieve maximum corrosion resistance the surface of the Stainless steel must be kept clean.

Provided the grade, condition and surface finish were correctly selected for the particular service environment, fabrication and installation procedures were correct and that cleaning schedules are carried out regularly, good performance and long life will be achieved. Frequency and cost of cleaning of Stainless steel is lower than for many other materials and this will often out-weigh higher acquisition costs.

Why Maintenance is Necessary

Surface contamination and the formation of deposits are critical factors which may lead to drastically reduced life. These contaminants may be minute particles of iron or rust from other non-Stainless steels used in nearby construction and not subsequently removed. Industrial, commercial and even domestic and naturally occurring atmospheric conditions can result in deposits which can be quite corrosive. An example is salt deposits from marine conditions.

Working environments can also create more aggressive conditions, such as the warm, high humidity atmosphere above inDoor swimming pools. This particular environment has in a small number of instances been found to be highly aggressive, and specialist advice should be obtained.

Aggressive operating environments can increase the speed of corrosion and therefore require more frequent maintenance. Modern processes use many cleaners, sterilizers and bleaches for hygienic purposes. These proprietary solutions, if appropriate for use with Stainless steel and when used in accordance with their makers' instructions are safe, but if used incorrectly (e.g. warm or concentrated) can cause discolouration and corrosion on the surface of Stainless steels.

Maintenance during Installation

Cleaning of new fabrications should present no special problems, although more attention may be required where surface contamination is suspected, immediate attention

to cleaning will promote a trouble-free service life. Food handling, pharmaceutical and aerospace applications may require extremely high levels of cleanliness.installation period has been prolonged.

On-Going Maintenance

Advice is often sought concerning the frequency of cleaning of products made of Stainless steel, and the answer is quite simply "clean the metal when it is dirty in order to restore its original appearance". A rule of thumb for many exterior building installations is to clean the Stainless steel whenever the nearby glass needs cleaning.

This may vary from one to four times a year for external applications or it may be once a day for an item in hygienic or aggressive situations. In many applications the cleaning frequency is after each use. Suggested cleaning intervals are as in this table – these should be modified by experience. Note that natural rain is an effective cleaner – those items that are not washed by rain water may need more frequent maintenance cleaning.

Good Housekeeping during Manufacture

Stainless steel can be contaminated by pick-up of carbon steel ("free iron") and this is likely to lead to rapid localized corrosion. The ideal is to have workshops and machinery dedicated to only Stainless steel work, but in a workshop also processing other steels avoid pick-up from:

- Tooling used with other metals
- Steel storage racks
- Handling Equipment
- Grinding wheels, wire brushes, finishing belts
- Contamination by grinding or welding sparks from adjacent carbon steel fabrication

Cleaning Methods

Sections below give passivation treatments for removal of free iron and other contamination resulting from handling, fabrication, or exposure to contaminated atmospheres, and pickling treatments for removal of high temperature scale from heat treatment or welding operations.

stainless care instructions



Passivation Treatments

- Grades with at least 16% chromium (except free machining grade such as 303): 20-50% nitric acid, at room temperature to 40oC for 30-60 minutes.
- Grades with less than 16% chromium (except free machining grades such as 416): 20-50% nitric acid, at room temperature to 40oC for 60 minutes.
- Free machining grades such as 303, 416 and 430F:
 20-50% nitric acid + 2-6% sodium dichromate, at room temperature to 50oC for 25 40 minutes.

Pickling Treatments

- All Stainless steels (except free machining grades): 8-11% sulphuric acid, at 65 to 80oC for 5-45 minutes.
- Grades with at least 16% chromium (except free machining grades): 15-25% nitric acid + 1-8% hydrofluoric acid, at 20 to 60oC for 5-30 minutes.
- Free machining grades and grades with less than 16% chromium such as 303, 410 and 416: 10-15% nitric acid + 0.5-1.5% hydrofluoric acid, at 20 to 60oC for 5-30 minutes.

"Pickling Paste" is a commercial product of hydrofluoric and nitric acids in a thickener - this is useful for pickling welds and spot contamination, even on vertical and overhanging surfaces.

Recommendations for Cleaning of Specific Products

Stainless steel is easy to clean compared to many other materials. Washing with soap or a mild detergent and warm water followed by a clean water rinse is usually quite adequate for domestic and architectural equipment. An enhanced appearance will be achieved if the cleaned surface is finally wiped dry. Specific methods of cleaning are as in the table on the next page.

These are recommendations only, and it must be recognized that there are risks associated with all cleaning operations. All such treatments must be evaluated by the user.

* Precautions

Acids:

Should only be handled using personal protective equipment as detailed in relevant MSDS and other product-specific information. Care must be taken that acids are not spilt over adjacent areas. All residues must be flushed to a treated waste stream (refer to local water authorities for regulations and assistance). Always dilute by adding acid to water, not water to acid. Use acid-resistant containers, such as glass or plastics.

If no dulling of the surface can be tolerated a trial treatment should be carried out; especially for pickling operations. All treatments must be followed by thorough rinsing.

Solvents:

Should not be used in confined spaces. Smoking must be avoided when using solvents.

Chlorides:

Are present in many cleaning agents. This entails risk of pitting corrosion of Stainless steel. If a cleaner containing chlorine, chlorides, bleaches or hypochlorites is used it must be afterwards promptly and thoroughly cleaned off.

PROBLEM	CLEANING AGENT	COMMENTS
Routine cleaning all finishes.	Soap or mild detergent and water. (preferably warm).	Sponge, rinse with clean water, wipe dry if necessary. Follow polish lines.
Fingerprints All finishes.	Soap and warm water or organic solvent (eg. acetone, alcohol, methylated spirits).	Rinse with clean water and wipe dry. Follow polish lines.
Stubborn stains and discolouration all finishes.	Mild cleaning solutions. Ensure any proprietary cleaners' state compatibility with Stainless steel phosphoric acid cleaners may also be effective.	Use rag, sponge or fiber brush (soft nylon or natural bristle. An old toothbrush can be useful). Rinse well with clean water and wipe dry. Follow polish lines.
Lime deposits from hard water.	Solution of one part vinegar to three parts water.	Soak in solution then brush to loosen. Rinse well with clean water.
Oil or grease marks. All finishes.	Organic solvents (eg. acetone, alcohol, methylated spirits, proprietary "safety solvents"). Baked-on grease can be softened beforehand with ammonia.	Clean after with soap and water, rinse with clean water and dry. Follow polish lines.
Rust and other corrosion products. Embedded or adhering "free iron".	Very light rust stains can be removed by 10% nitric acid. More significant rust or embedded iron will require pickling. See also previous sections on Passivating and Pickling. Sand or glass-bead blasting is another option.	Wear PPE as appropriate. Afterwards rinse well with clean water. Mix in acid proof container, and be very careful with the acid. (see Precautions for acid cleaners).
Dark oxide from welding or heat treatment.	"Pickling Paste" or pickling solutions given on previous page.	Must be carefully rinsed and use care in handling (see Precautions for acid cleaners).
Scratches on polished (satin or brushed) finish.	Slight scratches – use impregnated nylon pads. Polish with polishing wheel dressed with iron-free abrasives for deeper scratches. Follow polish lines. Then clean with soap or detergent as for routine cleaning.	Do not use ordinary steel wool - iron particles can become embedded in Stainless steel and cause further surface problems. Stainless steel and "Scotchbrite" scouring pads are satisfactory.



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