

**Not your
average steel
company.**



The Apex Steel Group

WELCOME TO THE WORLD OF STEEL, WHERE STRENGTH MEETS DURABILITY.

At The Apex Steel Group, we don't just provide steel; we deliver a commitment to excellence that stands tall across Victoria, Queensland, South Australia, the Northern Territory, and New South Wales. Dive into the heart of our story and discover why we're your trusted partner in the building and construction industry.



MORE THAN JUST STEEL

1. UNDERSTANDING YOUR NEEDS

Whether you're steering a large-volume construction project or crafting a bespoke design, The Apex Steel Group caters to the unique needs of high and low volume businesses, tradies and DIY enthusiasts. Our focus extends beyond the products; it's about understanding your vision, your challenges, and ensuring our service aligns seamlessly with your goals.

2. PEOPLE-POWERED SERVICE

What sets us apart? It's our people. Beyond the quality of our steel, it's the dedication of our team that defines us. From our drivers on the road to the teams in our offices, each member of our team is committed to ensuring your experience is not just transactional but transformational.

3. SERVING THE NATION

With a robust presence in Victoria, Queensland, South Australia, the Northern Territory, and New South Wales, we're not just a local player. We're your national steel partner. Our extensive delivery network ensures professional, on-time, and safe services to all our customers, reinforcing our commitment to serving the nation.



THE APEX ADVANTAGE: COLORBOND® BY BLUESCOPE STEEL.

In our pursuit of excellence, we partnered with Bluescope Steel, renowned for its premium COLORBOND® steel. This is more than just a finish; it's a testament to Australian craftsmanship designed and tested for our unique environment.

1. DURABILITY THAT LASTS

COLORBOND® steel is more than aesthetics; it's endurance. Tested in the harshest Australian conditions, it's a finish that evolves with the landscape. Its enduring style owes much to its durability and ease of maintenance, making it the perfect choice for homes across Australia.

2. SUSTAINABILITY AND THERMAL EFFICIENCY

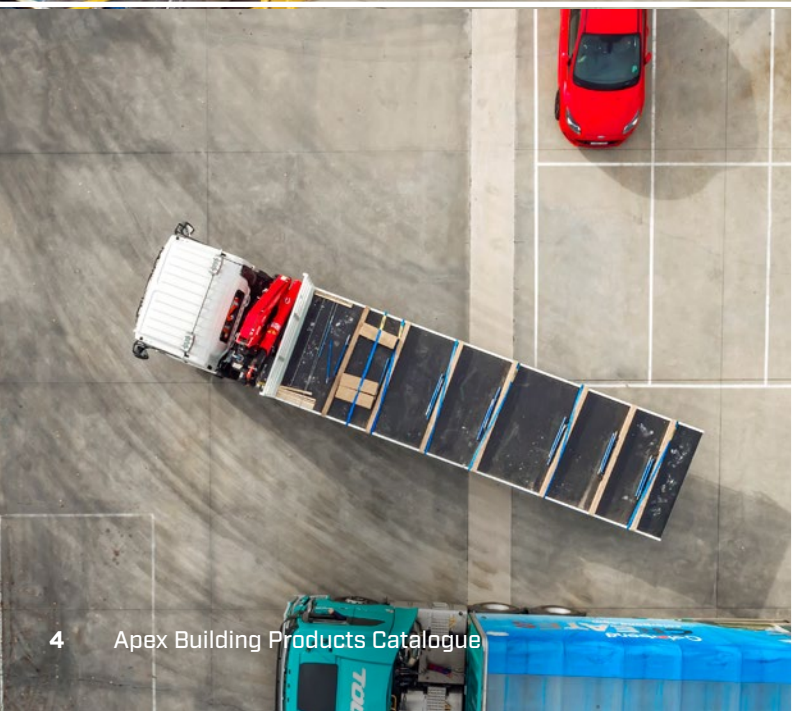
Beyond durability, COLORBOND® steel is a sustainable choice. Tested in Australian conditions, it stands resilient against the harsh climate. With five layers of protection, it's a key part of your bushfire design solution, ensuring your project is both resilient and environmentally conscious.

3. WARRANTY BACKED BY BLUESCOPE

When you choose COLORBOND® steel from The Apex Steel Group, you're choosing a product backed by BlueScope, one of Australia's largest manufacturers. The COLORBOND® steel branding on our products signifies a commitment to quality and performance.

As you embark on your construction journey, consider us not just as a supplier but as a partner in your success.

Contact us today to experience The Apex Steel Group difference —where steel meets service, and excellence is not just a promise but a commitment.



COMPANY PROFILE

The Apex Steel Group is an all Australian privately owned and innovative nationwide organisation that continues to grow at an unprecedented rate. Our growth is due to the group continuously expanding our product range and by offering an exceptional service quality that meets the needs of an increasingly discerning market.

Born and bred in Australia, The Apex Steel Group is at the forefront of innovative growth in the steel industry.

Our expansion now proudly includes branches in Bendigo, Gippsland, Gold Coast, Darwin, and Geelong. Plus, our state-of-the-art factory in Adelaide underscores our commitment to regional Victoria and beyond.

Uniting major Australian steel forces, we've amplified our reach and product diversity, serving both trade and public clientele. With a team enriched by a wealth of industry knowledge spanning decades, we stand as not only a reliable and solid force in the steel sector but also as the prime choice

for organisations seeking a trusted steel partner. This vast experience solidifies our market leadership. It's noteworthy that many of our shareholders, deeply rooted in this industry, are actively involved at operational levels, ensuring that our trademark personal touch always shines through.

Our custom-built sites, equipped with cutting-edge machinery, stand testament to our quality promise. As we push boundaries, The Apex Steel Group remains the premier choice for steel in Australia, committed to setting new industry standards.

PROUD SUPPLIER OF BLUESCOPE STEEL





CONTENTS

RAINWATER GOODS	ROOFING	Corrugated	8
		Curved Corrugated	8
		Apclad	8
		Apdeck700	10
		Apspan	10
		Apmax680	10
		Soladek	12
	CLADDING	Apanel	12
		Mini Corrugated	12
		Designer Panel	12
		Steel Fascia (& Cover)	14
		115 Quad Gutter	14
		150 Quad Gutter	14
		Fascia Gutter (& Capping)	15
		115 OG Gutter	15
		150 Half Round Gutter	15
		150 Roundline Gutter	15
		Gutter Accessories	16
		Steel Fascia Accessories	16
		Downpipes	17
		Downpipe Accessories	17
		Rolltop Ridge	18
		Rollformed Valley	18
	FLASHINGS	Custom Flashings	18
	SHEETMETAL	Ventridge	19
		Sumps	19
		Box Gutter Brackets	19
	Rainheads	19	
	Louvres	21	
	Skylights	21	
	Access Hatches	21	
ACCESSORIES	Ventilators	22	
	Fibreglass Roofing	22	
	Polycarbonate Roofing	22	
	Insulation	22	
	Fasteners	23	
STRUCTURAL PRODUCTS	Purlins	24	
	Roof Battens	28	
	Top Hats	28	
	Ceiling Battens	29	
	House Framing	29	
SPECIFICATIONS	Colour Chart	30	

Corrugated



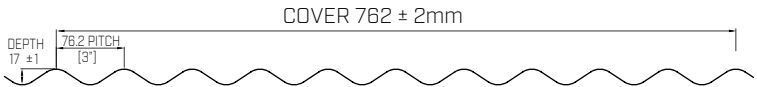
Rib Height – 17mm

Apex Corrugated is a well recognised Australian product, ideal for both traditional and contemporary roofing applications. Made from Hi-Tensile steel this profile, whilst strong, is also lightweight which minimises sheet damage.

Apex Corrugated is pierce fixed which ensures easy fixing by the conventional method. To ensure maximum weather protection our Corrugated has a 1.5 rib overlap.

Apex Corrugated is available custom cut to length and is ideal for both roof and wall applications. The wide cover (762mm) allows for quick installation, saving on both materials and labour. This versatile profile can be used on a minimum roof pitch of 5 degrees (1 in 12).

MAXIMUM SPAN TABLES – [APPROX ONLY]						
BMT	Mass kg/m2	Cover [mm]	Roof internal	Roof end	Wall internal	Wall end
0.42	4.3	762	1200	900	2150	1700
0.48	4.9	762	1600	1200	2250	1800



RECOMMENDED FIXING METHOD

All fasteners must comply with AS3566 – Class 3
Fix with 3-5 fasteners per support

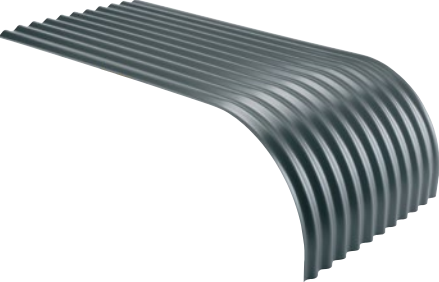
FIXING TO STEEL

Roof – crest fix- RZ50 or AT39 Hex head with seal washer
Wall – pan fix- Tek 10 x 16mm Hex head with seal washer

FIXING TO TIMBER

Roof – crest fix- Roof Zip 12 x 50mm Hex head with seal washer
Wall – pan fix- Roof Zip 12 x 25mm Hex head with steel washer

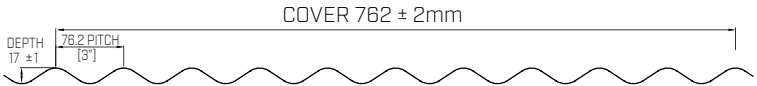
Curved Corrugated



Rib Height – 17mm

Curving Quality Corrugated Roofing is an Australian Icon. Suitable for applications as diverse as the traditional bullnosed verandah roof, to the latest architecturally designed curved roofs. Curved Corrugated is manufactured from G300 soft feed steel which allows it to be curved into a myriad of different curving styles such as concave, convex, bullnose, cranked ridge and barrel vaults. Suitable for roof pitches with a minimum of 5 degrees the profile is available custom cut and curved to your specifications. For specialist advice our trained sales staff are happy to assist.

MAXIMUM SPAN TABLES – [APPROX ONLY]						
BMT	Mass kg/m2	Cover [mm]	Roof internal	Roof end	Wall internal	Wall end
0.60	6.1	762	1200	900	2400	2050



RECOMMENDED FIXING METHOD

All fasteners must comply with AS3566 – Class 3
Fix with 3 or 5 fasteners per support

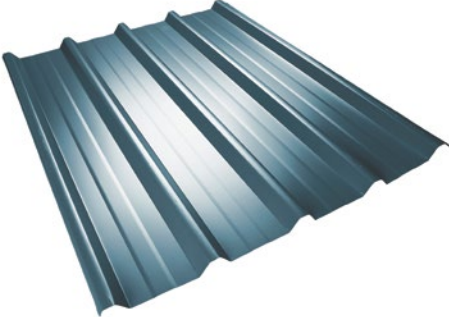
FIXING TO STEEL

Roof – crest fix- RZ50 or AT39 Hex head with seal washer
Wall – pan fix- Tek 10 x 16mm Hex head with seal washer

FIXING TO TIMBER

Roof – crest fix- Roof Zip 12 x 50mm Hex head with seal washer
Wall – pan fix- Roof Zip 12 x 25mm Hex head with steel washer

Apclad

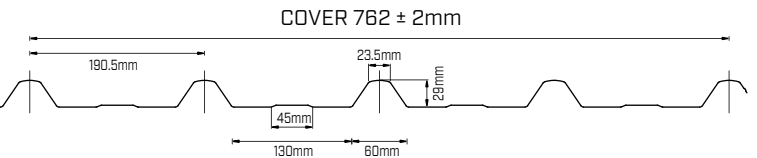


Rib Height – 29mm

Apclad is a modern roofing profile that is available in very long lengths. Made from Hi-tensile steel, this profile whilst strong is also lightweight that minimises sheet damage. Apclad is pierce fixed which ensures easy fixing as this is the conventional method. Apclad is weather protected as the side laps ensure maximum protection from the elements. The wide cover of 762mm allows for quicker installation, saving on both materials and labour.

Designed for almost flat roofing applications, Apclad can be used on a minimum roof pitch of 2 degrees (1 in 30). Deep ribs allow wide support spacings and provide excellent water carrying capabilities. Apclad is an economical and versatile profile. Available custom cut to length and is ideal for both roofing and walling.

MAXIMUM SPAN TABLES – [APPROX ONLY]						
BMT	Mass kg/m2	Cover [mm]	Roof internal	Roof end	Wall internal	Wall end
0.42	4.3	762	1700	1200	2600	2100
0.48	4.9	762	2300	1700	2600	2300



RECOMMENDED FIXING METHOD

All fasteners must comply with AS3566 – Class 3
Fix with 4 fasteners per support

FIXING TO STEEL

Roof – crest fix- Roof Zip 12 x 65mm Hex head / AT50 Hex head with seal washer
Wall – pan fix- Tek 10 x 16mm Hex head with seal washer

FIXING TO TIMBER

Roof – crest fix- Roof Zip 12 x 65mm Hex head with seal washer
Wall – pan fix- Roof Zip 12 x 25mm Hex head with steel washer

CLADDING

Soladek

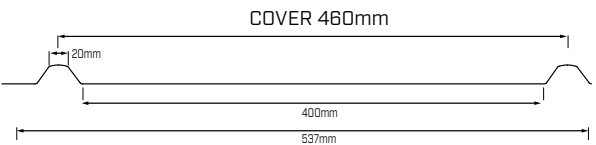
Rib Height – 23mm

Only available in: QLD



Our new age Soladek roofing panel has been specifically designed for use in conjunction with the latest solar electricity generating panels. The wide flat pan allows for flush mounting of thin photovoltaic laminate (PVL) panels eliminating the need for bulky glass solar panels and corresponding brackets and roof penetrations. The result is an aesthetically pleasing roof with free solar electricity and a corresponding reduction in greenhouse gases.

MAXIMUM SPAN TABLES – [APPROX ONLY]					
BMT	Mass kg/m2	Cover [mm]	Roof internal	Roof end	Roof pitch
0.55	5.7	460	900	700	5 Deg



RECOMMENDED FIXING METHOD
Supporting roof battens (40mm x 0.55mm bmt hitensile steel) to be installed at maximum 600mm spacings. Fasteners to comply with AS3566-class3. Crest fix at each support using Tek12 x 45mm Hex Head with seal washer.

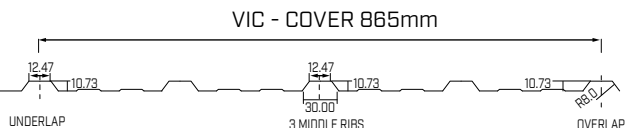
Apanel

Rib Height – 12mm – 13mm



A-Panel is a lightweight cladding that is both attractive and economical. Ideal for a range of applications such as domestic, rural and commercial uses. The versatility enables A-Panel to be suitable also for garage doors, fascias and overall general cladding requirements. A Panel has a wide cover of 865mm to ensure installation is quick and easy. The profile has been designed with a low rib height of 12mm. This makes it unsuitable for roofing but ideal as an economical alternative wall cladding.

MAXIMUM SPAN TABLES – [APPROX ONLY]				
BMT	Mass kg/m2	Cover [mm]	Wall internal	Wall end
0.42	3.8	865	1500	1200



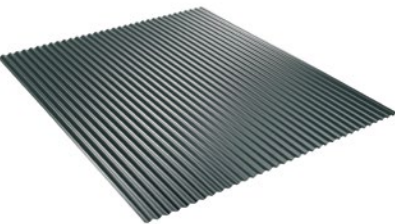
RECOMMENDED FIXING METHOD
All fasteners must comply with AS3566 – Class 3. Fix with 4 fasteners per support.

FIXING TO STEEL
Wall – pan fix- Tek 10 x 16mm Hex head with seal washer

FIXING TO TIMBER
Wall – pan fix- Roof Zip 12 x 25mm Hex head with seal washer

Mini Corrugated

Rib Height – 6mm



Mini Corrugated is a stylish traditional profile using fine ribs evenly spaced across the sheet. Suitable for interior or exterior cladding applications the profile looks great in either horizontal or vertical applications. The subtle profile provides a high degree of design freedom allowing use for walls, ceilings, fences, screens and awnings. The product is available custom cut to your requirements in ZINCALUME® finish and the full range of COLORBOND® colours.

MAXIMUM SPAN TABLES – [APPROX ONLY]				
BMT	Mass kg/m2	Cover [mm]	Wall internal	Wall end
0.42	4.0	825	1200	900
0.48	4.5	825	1500	1200

Fixing to Steel – Wall – pan fix – Ripple Tek 10 x 20mm Hex head with seal washer
Fixing to Timber – Wall – pan fix – Ripple Tek 10 x 30mm Hex head with seal washer



RECOMMENDED FIXING METHOD
All fasteners must comply with AS3566 – Class 3. Fix with 6 fasteners per support.

FIXING TO STEEL
Wall – pan fix- Ripple Zip 10 x 25mm Hex head with seal washer

FIXING TO TIMBER
Wall – pan fix- Ripple Zip 10 x 25mm head with seal washer

Designer Panel

Rib Height – 15mm



Apex Designer Panel is a stylish and versatile cladding system. The 250mm wide cover provides quick easy installation and combined with the simplicity of being screw fixed, this cladding saves on labour costs. The concealed fastening system gives an aesthetically pleasing look. The panels simply interlock to give a smooth appearance and long clean lines. Designer Panel is suitable for a wide range of applications such as fascias, wall cladding, ceilings and soffit linings. This means this profile can be used for both interior and exterior design applications. Designer Panel is equally attractive whether used vertically or horizontally. A full range of trims and accessories are available made to order. Custom cut lengths to your requirements ensure wastage is kept to a minimum.

MAXIMUM SPAN TABLES – [APPROX ONLY]				
BMT	Mass kg/m2	Cover [mm]	Wall internal	Wall end
0.55	6.2	250	1500	1200



RECOMMENDED FIXING METHOD
All fasteners must comply with AS3566 – Class 3. Fix with 1 fasteners per support.

FIXING TO STEEL
Wall – pan fix- Tek 10 x 16mm Hex head with seal washer

FIXING TO TIMBER
Wall – pan fix- Rood Zip 12 x 25mm Hex head with seal washer

Steel Fascia

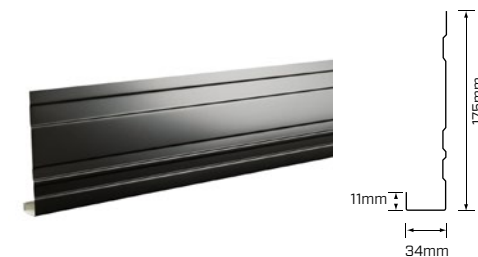


Apex Steel Fascia System provides clean lines and the smart alternative for all new homes. Manufactured from Hi Tensile ZINCALUME® and prepainted COLORBOND® steel it will not warp, shrink or rot making it virtually maintenance free. The fascia may be integrated with most gutter profiles using our spring clip system which allows fast easy installation and adjustment to falls.

MAXIMUM SUPPORT SPACINGS

* Steel sheet roofing – 1000mm * Tile roofing – 600mm

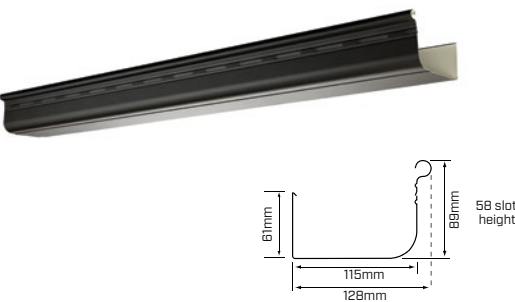
Fascia Cover



The Fascia profile is also available as Fasica Cover. A Fascia Cover is a protective and decorative board that is attached to the exposed ends of timber or the top edge of exterior walls. It covers the fascia, which is the horizontal band running along the roofline, providing a finished look and protecting the underlying structure from the elements.

115 & 125 Quad Gutter

▼ Only available in: VIC | SA | NSW



The most popular gutter profile on the market today. Our high tensile 115mm Quad Gutter is available in the standard plain faced profile and also with the option of overflow slots. An economical profile perfect for new installations or to match existing gutter. Quad Gutter is perfect for use with our Steel Fascia system or timber fascias with the option of external or concealed brackets.

150 Quad Gutter

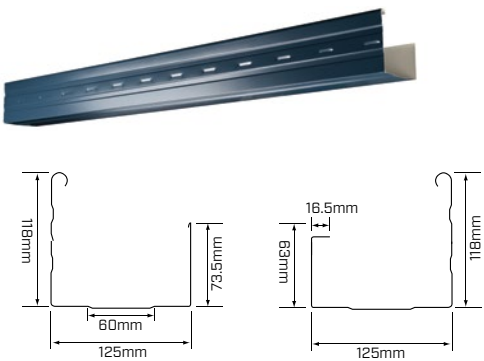


The modern version of an old classic with it's clean lines makes it perfect for all new installations. Our high tensile 150mm Hi Front Quad has recessed overflow slots allowing large water carrying capacity whilst hiding the end of roof sheets or roof tiles. It is perfect for use with our Steel Fascia system or timber fascias with the option of overstraps or concealed brackets.

Our Classic standard Low Front Quad Gutter provides a large water carrying capacity and plain face. It is suitable for all traditional, colonial and new home installations. An economical profile, it is great for matching existing gutters. Our traditional Spike brackets are also available for this profile for that classic Queenslander look.

Fascia Gutter

▼ High front option only available in: QLD



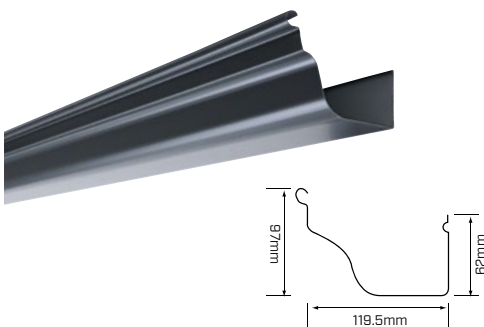
With clean square lines and large water carrying capacity Fascia Gutter is perfect for applications where a more contemporary appearance is required. Fascia Gutter is available with optional overflow slots and manufactured from high tensile steel to give it lasting strength.

Fascia Gutter may be used with our Steel Fascia system or by the use of concealed brackets.

FASCIA CAPPING – a matching Fascia Capping profile is also available for use as barge capping to achieve a fully integrated look to your project.

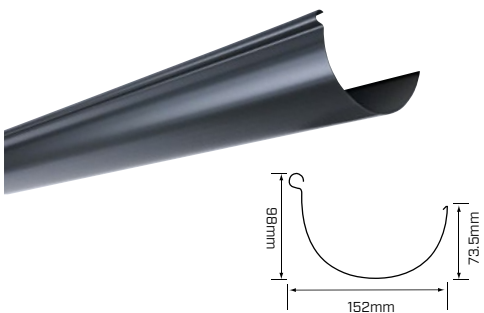
115 OG Gutter

▼ Only available in: VIC | SA



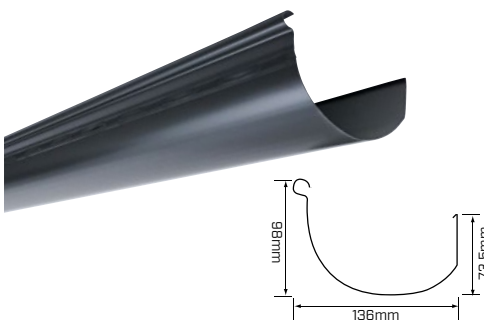
The OG Gutters distinctive shape makes it the first choice for all colonial and heritage look applications. A classic profile which is available custom cut in a full range of colours. A full range of accessories and both concealed and external bracketing is available.

150 Half Round Gutter



A great looking profile which is increasing in popularity on modern architecturally designed projects. Its wide 150mm diameter gives it huge water carrying capacity. The use of feature external brackets makes a bold design statement.

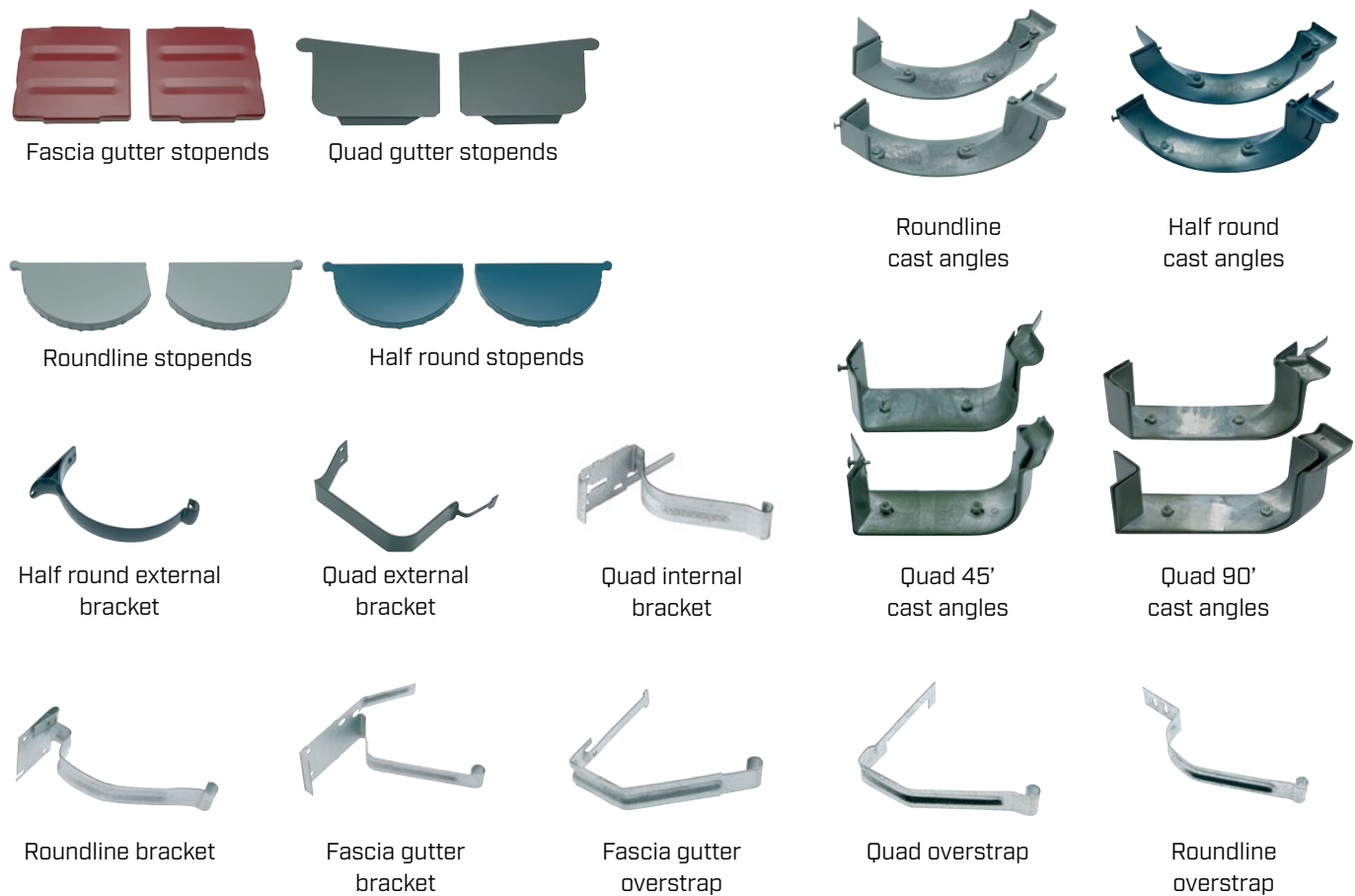
150 Roundline Gutter



Similar in appearance and dimensions to the Half Round Gutter but, with a flattened (straight) back. This allows the use of concealed brackets for more economical and faster installation.

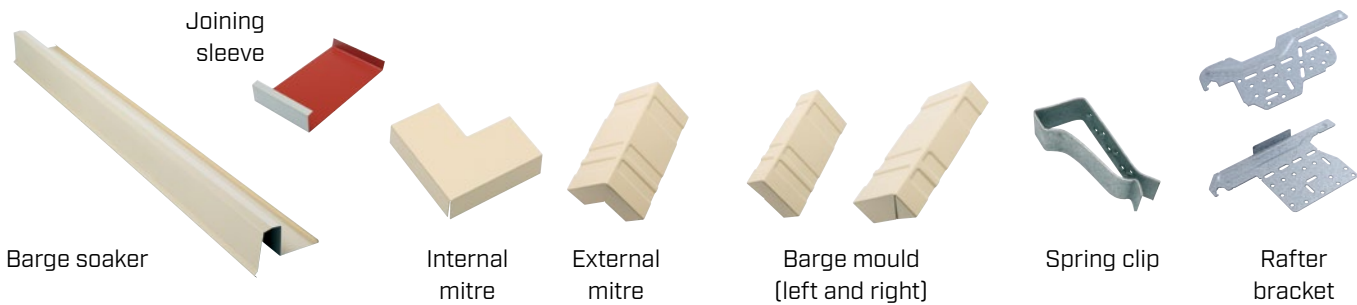
Gutter Accessories

We offer an extensive range of accessories to complete your rainwater project and make installation a breeze.



Fascia – Accessories

A complete range of components is available to complement the Steel Fascia in addition to the versatile spring clip and overstrap system. The components are styled to match the Fascia profile and provide an attractive and professional finish.



Downpipe – Round



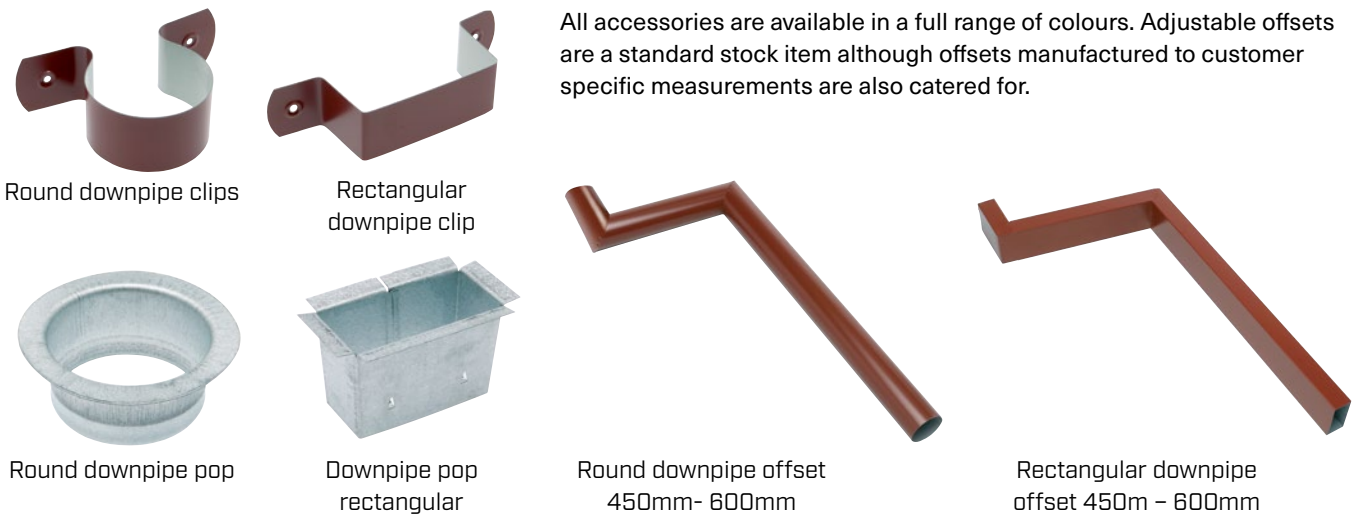
We carry a full range of 75mm round downpipes ex stock (90mm in Queensland) in all standard colours in both 1.8 and 2.4metre lengths. Other sizes are readily available if required on short lead time.

Downpipe – Square



We carry the full range of 100mm x 50mm and 100mm x 75mm downpipes ex-stock in all standard colours in both 1.8metre and 2.4metre lengths. Other custom sizes are available if required on short lead time. For Industrial applications we can custom manufacture 125mm and 150mm square downpipes.

Downpipe – Accessories



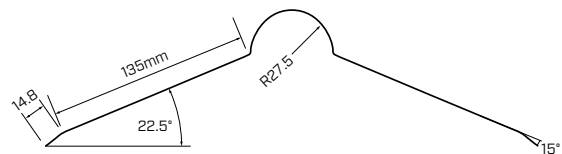
All accessories are available in a full range of colours. Adjustable offsets are a standard stock item although offsets manufactured to customer specific measurements are also catered for.

FLASHINGS

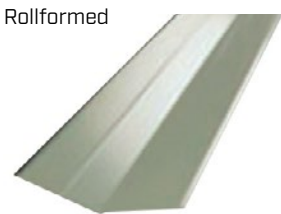
Rolltop Ridge



An attractive finish to your roof's ridge line. Rolltop capping is available in the standard Bluescope colour range, cut to your specific requirements at no extra cost. Made from G300 Soft Feed .55BMT, our Rolltop provides clean straight lines and is extremely strong.



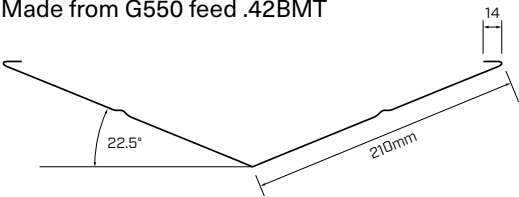
Rollformed Valley



Apex Valley gutter is roll formed and can be cut to length to your requirements.

Valley gutter is available in the full COLORBOND® range.

Made from G550 feed .42BMT

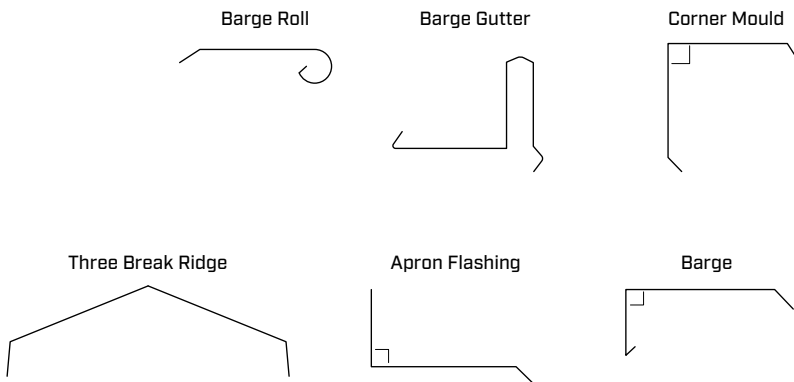


Custom Flashings



We have a comprehensive sheetmetal workshop facility. This allows us to produce almost any custom flashing required in lengths up to 8.0metres. Our experienced staff can also offer seamed flashings and flashings curved to customer requirements.

Flashings can be produced on extremely short lead time from ZINCALUME®, Galvanised and COLORBOND® finishes. Thicker gauges and Stainless Steel flashings are also available to enhance any architectural project.



SHEETMETAL

Ventridge [A-Line]

▼ High front option only available in: QLD



LP SERIES ventilated ridges provide low profile, low cost outlet ventilation.

For added weather protection optional Anti Mist Baffles are available. Manufactured in lengths from 2.4 metres they may be lap jointed to allow for continuous venting (stop ends available). For skillion roofs the units may also be slope mounted with aprons manufactured to suit the particular roof profile.

SIZE RANGE							
Model	Throat width (in mm)	Airway of vent slots per Lin Metre in M2	Dimension A mm	Dimension B mm	Dimension C mm	Weight per lin Metre Steel Kg	Weight per lin Metre Aluminium Kg
LP 150	150	0.115	316	138	420	5.8	2.5
LP 225	225	0.171	476	192	580	7.7	3.32
LP 300**	300	0.228	636	198	740	10.44	4.48
LP 380**	380	0.285	820	228	920	12.1	5.2
LP 450**	450	0.342	880	240	920	14.5	-
LP 600**	600	0.456	1030	240	1070	20.0	-

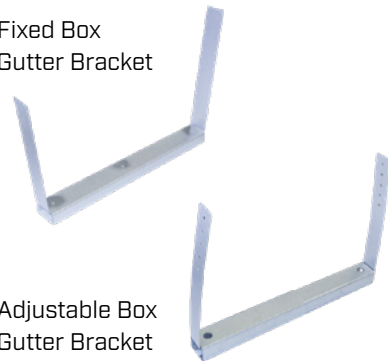
** Maximum length 4 metres
** Engineering Certificate Unavailable

Sumps



Sumps to suit any size box gutter are available custom manufactured to customer requirements

Box Gutter Brackets



Fixed Box Gutter brackets are manufactured to suit any size box gutter.

Adjustable Box Gutter Brackets are also stocked in 3 size ranges for fast and easy installation.

JB1 for box gutters 250mm – 400mm wide

JB2 for box gutters 400mm – 650mm wide

JB3 for box gutters 650mm – 1000mm wide

Rainheads



Conical with overflow and pop

Apex Building Products sheetmetal staff are able to hand make Rain Water heads to your exact requirements. Our skilled staff are able to interpret detailed drawings and manufacture complex designs to suit your unique requirements.

Rainwater Heads are available in ZINCALUME®, Galvanised and COLORBOND® finish as well as Stainless Steel & Ultra.

When ordering always specify dimensions as Width ("W") x Height ("H") x Depth ("D")



Half round with overflow pop



Half round with overflow slot



Half round



Square



Rainhead standard



OG

Louvres



Roof Vents, Dormer and Gable Vents are available custom made to your requirements. These vents are ideal to reduce heat build up in roof spaces.

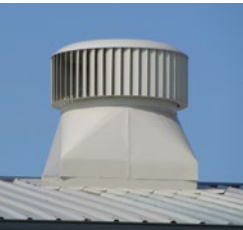
Our proprietary GP/S range of Louvre Grilles is suitable for a wide range of applications such as plant rooms and decorative screens to car parks and commercial buildings.

Access Hatches



Our range of access hatches are ideal for providing safe and easy access to your roof. The roof hatches are robustly manufactured to any size with gas lift struts for ease of use. The access hatches are also available with optional clear domed skylights.

Ventilators



The Ampelair range of industrial and domestic ventilators are available in throat sizes from 150mm to 950mm.

All aluminium head design, to suit new or replacement applications.

Industrial vents are now also available with electric damper options.

Domestic ventilators (250 and 300mm Dia. throat) available in Mill and COLORBOND® finishes.

Fibreglass roofing



GRP Translucent roof sheeting is available in a range of colours and thicknesses to match any of the Apex metal roof profiles.

The ability to be manufactured in long lengths makes it the first choice in most commercial and industrial application. It is also available in a range of different coatings for specialist applications where chemical resistance, fire retardation and heat reduction are issues.

Polycarbonate roofing



With high impact resistance and UV protection Polycarbonate roof sheeting is the perfect way to enhance your home and outdoor living areas. It is available in clear and a range of colours, each with its own degree of light transmission.

Polycarbonate is available in 3 profiles:

- Roma (corrugated profile)
- Greca (no matching metal profile available)
- Apclad
- Maximum length 8.1m

Insulation



A full range of insulation is available to help keep the cold out and the heat in. Insulation under all roofs is recommended to reduce your building's heating & cooling costs. It can also provide condensation control and reduce outside noise.

Our comprehensive warehouse holds stock of the following products for immediate delivery:

- Reflective Foil Insulation
- Glasswool Blanket
- Foil Faced Glasswool Blanket
- Roof Safety Mesh

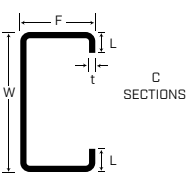
We are also able to supply on short lead time other insulation products such as Glasswool, Batts, Rockwool & Polyester products.

Fasteners

	Fixing to Timber Supports	Fix to Steel 0.42 to 1.0mm	Fix to Steel 1.0BMT to 5.0mm
CORRUGATED Crest Fixing 	RoofZIPS® M6-11 x 50mm Hex Hd/Seal 6-030-3306-1C4 6-030-5306-1C5 	RoofZIPS® M6-11 x 50mm Hex Hd/Seal 6-030-3306-1C4 6-030-5306-1C5 	AutoTEKS® M5.5-14 x 39mm Hex Hd/Seal 6-310-3637-7C4
APCLAD, APSPAN & SOLADEK Crest Fixing 	RoofZIPS® M6-11 x 65mm Hex Hd/Seal 6-030-3307-1C4 6-030-5307-2C5 	RoofZIPS® M6-11 x 50mm Hex Hd/Seal 6-030-3306-1C4 6-030-5306-1C5 	AutoTEKS® M5.5-14 x 50mm Hex Hd/Seal 6-310-3579-4C4
ALL WALL CLADDING Valley Fixing 	RoofZIPS® 25 6-030-3326-8C4 	RoofZIPS® 25 6-030-3326-8C4 	10-16 x 16 Hex Hd/Seal 6-310-3117-5C4
APMAX 	Hex T17 Seal 14 - 10 x 90mm 6-030-3010-9C4	Hex T17 Seal 12 - 10 x 80mm 6-030-3010-9C4	Hex Tek Seal 12 - 10 x 80mm 6-310-3580-1C4
MINI CORRUGATED Valley Fixing 	RIPPLEZIPS® 6-031-3341-1C4 	RIPPLEZIPS® 6-031-3341-1C4 	RIPPLEZIPS® 6-031-3341-1C4
ROOF BATTEN APDECK 700 Clips 	BattenZIPS® M5.5 x 40 Hex Hd 6-311-0610-1MP 	BattenZIPS® M5.5 x 40 Hex Hd 6-311-0610-1MP 	12-14 x 30 Hex Hd Teks® 6-311-0473-1CS
Rivets For strong, general purpose application eg garden sheds, roller doors. Provides a grip range of 0.8mm - 4.8mm. 	ABMG 4-1/3 	Provide an effective and an economical alternative to other, more costly methods of fastening, because one size handles the grip range capacity of up to 3 standard open end rivets. They can clamp a wide range of material thicknesses, reduce inventory requirements, provide superior clamping, high strength, have high vibration resistance and completely fill the hole during riveting.	

PRODUCT FEATURES: ith Hi-Grip ® ith ShankGuard ® covered by Buildex® Warranty Climaseal 4 Climaseal 5

Purlins



DIMENSIONS - C SECTION

PURLIN SECTION	W MM	F MM	L MM	THICKNESS BMT MM	SECTION MASS KG/MM
C10010	102	51	12.5	1.0	1.78
C10012	102	51	13.0	1.2	2.10
C10015	102	51	14.0	1.5	2.62
C10019	102	51	15.0	1.9	3.29
C15010	152	64	14.5	1.0	2.37
C15012	152	64	15.0	1.2	2.89
C15015	152	64	16.0	1.5	3.59
C15019	152	64	17.0	1.9	4.51
C15024	152	64	18.5	2.4	5.70
C20015	203	76	16.0	1.5	4.49
C20019	203	76	19.5	1.9	5.74
C20024	203	76	21.0	2.4	7.24
C25019	254	76	19.0	1.9	6.50
C25024	254	76	20.5	2.4	8.16
C30024	300	96	28.0	2.4	10.09
C30030	300	96	31.0	3.0	12.56
C35030	350	125	30.0	3.0	15.09

Apex Purlins and Girts are roll-formed from Hi-Tensile Galvanised steel. They are primarily used to provide lightweight, economical, efficient roofing and cladding support systems for framed structures. Apex Purlins and Girts are available in a range of different sizes and configurations.

C-sections have equal flanges and may be used in single spans and unlapped continuous spans in multi-bay buildings. Their freestanding stable shape allows easy handling and storage and is easily adapted for use in small and medium sized buildings as structural framework.

Z-sections feature one broad and one narrow flange allowing the two sections to fit together snugly, making them suitable for lapping. Z sections of the same depth and different thickness' can be lapped in any combination.

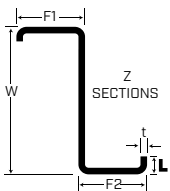
We offer the added flexibility of downturn lips and adjustable top flanges for all sizes. Downturn lip purlins are ideal in applications where environmental conditions or a build up of substances like dust or grain are a consideration.

MATERIALS: Apex Purlins and Girts are roll-formed from a Galvanised, high strength, steel strip complying with AS1397.

Minimum yield stress: 450Mpa

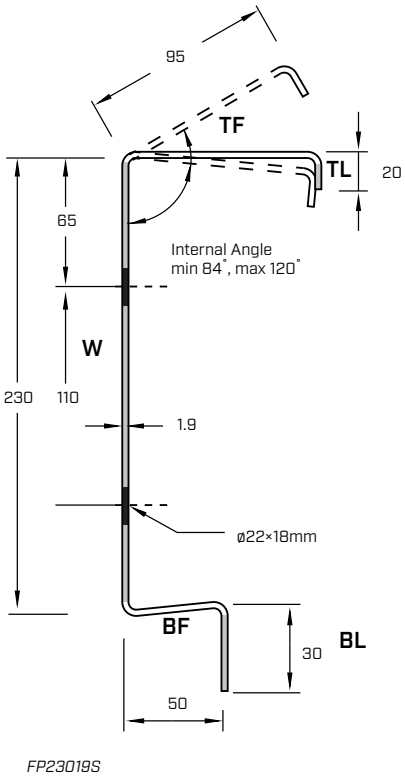
Standard base steel thickness: 1.0, 1.2, 1.5, 1.9, 2.4 and 3.0. Not in all selections.

Zinc coating of Z350 (350 g/m2 minimum coating mass) is the standard coating class provided.



DIMENSIONS - Z SECTION

PURLIN SECTION	W MM	F1 MM	F2 MM	L MM	THICKNESS BMT MM	SECTION MASS KG/MM
Z10010	102	53	49	12.5	1.0	1.78
Z10012	102	53	49	13.0	1.2	2.10
Z10015	102	53	49	14.0	1.5	2.62
Z10019	102	53	49	15.0	1.9	3.29
Z15010	152	65	61	14.5	1.0	2.37
Z15012	152	65	61	15.0	1.2	2.89
Z15015	152	65	61	16.0	1.5	3.59
Z15019	152	65	61	17.0	1.9	4.51
Z15024	152	65	61	18.5	2.4	5.70
Z20015	203	79	74	16.0	1.5	4.49
Z20019	203	79	74	19.5	1.9	5.74
Z20024	203	79	74	21.0	2.4	7.24
Z25019	254	79	74	19.0	1.9	6.50
Z25024	254	79	74	20.5	2.4	8.16
Z30024	300	100	93	28.0	2.4	10.09
Z30030	300	100	93	31.0	3.0	12.56



Apex Fascia Purlins are roll-formed from Hi-Tensile Galvanised steel with a smooth face in lengths from 1200mm to 13000mm. They are primarily used to provide a economical combination of a eave purlin and fascia in a all-in-one solution. The top flange can be rolled to any angle ranging between 84* to 120* for roof pitches between -6* to 30*. The bottom flange is shaped to prevent the entry of water and also provide support for fixing of wall sheeting.

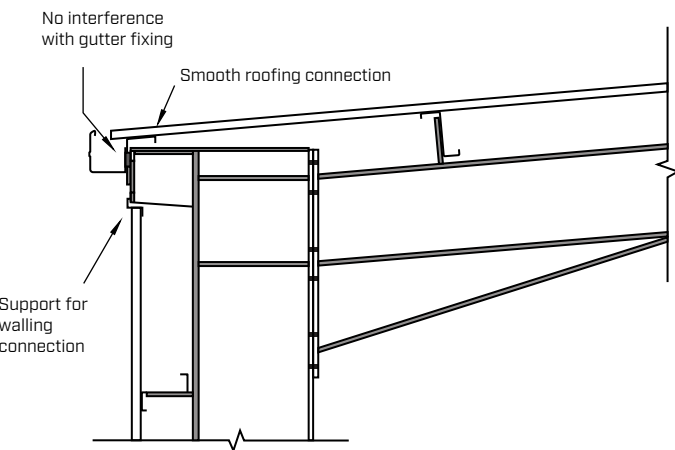
MATERIALS: Apex Purlins and Girts are roll-formed from a Galvanised, high strength, steel strip complying with AS1397. Minimum yield stress: 450Mpa

Standard base steel thickness: 1.9

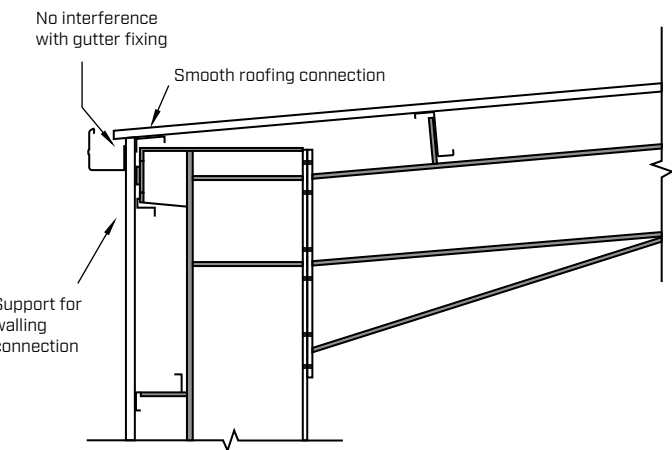
Zinc coating of Z350 (350 g/m2 minimum coating mass) is the standard coating class provided.

PURLIN SECTION	W MM	TF MM	TL MM	BF MM	BL MM	THICKNESS BMT MM	SECTION MASS KG/MM
FP23019P	230	95	20	50	30	1.9	6.50
FP23019UP	230	95	20	50	30	1.9	6.50

METHOD 1: run cladding to bottom of the purlin.



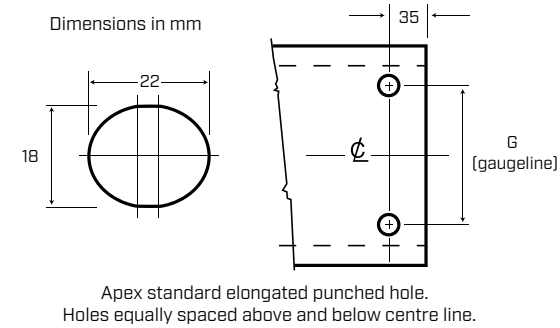
METHOD 2: run cladding to face of the purlin.



Purlins (continued)

HOLES

Apex Purlins and Girts are available custom punched to your requirements complying with the Australian institute of steel construction gauge lines as tabled below.

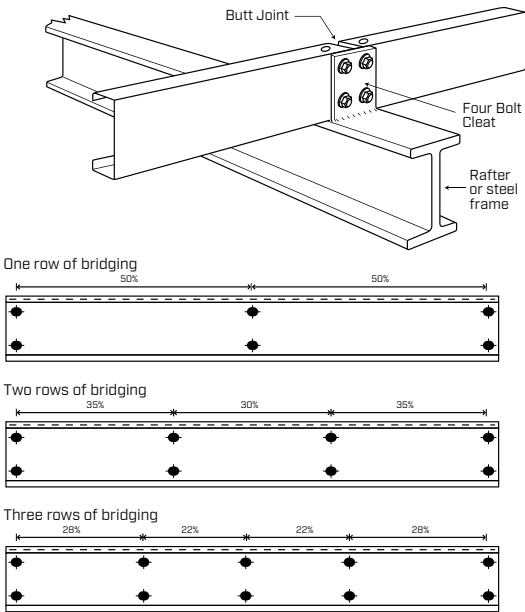


NOMINAL SECTION		
Size (mm)	G (mm)	D _H
100	40	18
150 (VIC only)	70	18
150 (Other states)	60	18
200	110	18
250	160	18
300	210	18

For special projects the size of the hole, the number of holes and the gauge lines may be modified by negotiation.

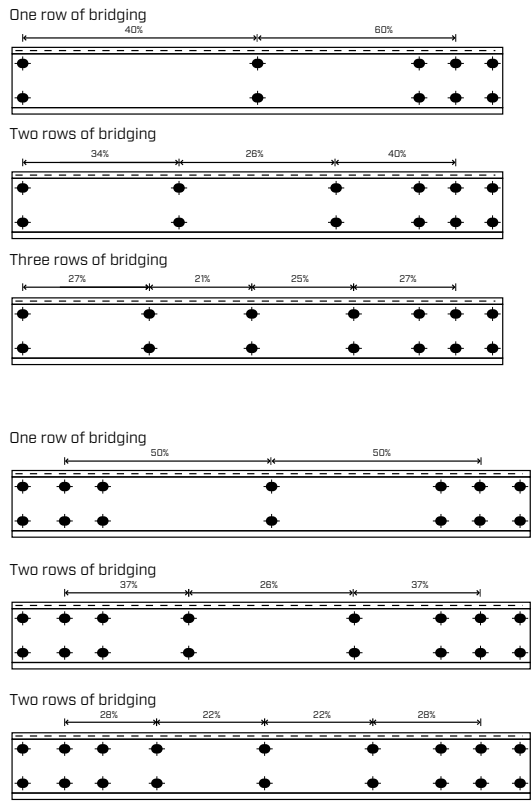
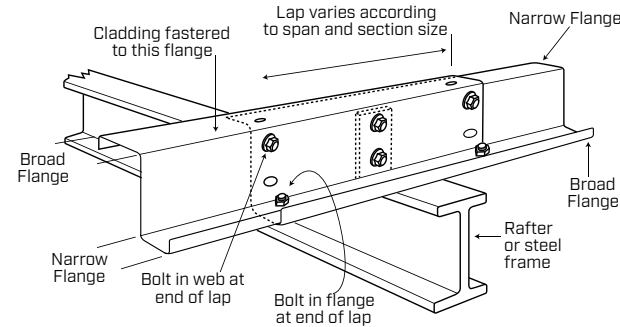
CLEAT CONNECTION

The cleat connection is assembled by fastening two bolts through the web of the purlin to a cleats so that the load is supported via the web of the sections. The connections can be a single thickness to match the end connection section, or the internal support connection of a lapped connection.



LAPPED CONNECTION (CLEATLESS)

A lapped connection is the fixing of purlins through the bottom and/or top flange of the purlin is used in certain variations of construction. The capacity tables are not to be used for lapped connections, for these types of connections there are more considerations (both strength and accessibility) and construction concerns that need to be considered.



BRIDGING

Apex Building Products offer the Easy lock® strut system which is easy to install and has a comprehensive range of components that are adaptable to all practical applications.

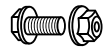
They are supplied pre-assembled ready to install. Available to suit all purlin sizes.

C/Z 100, 150, 200, 250 & 300



PURLIN BOLTS

M12 Size PB1230 standard purlin bolt (grade 4.6): M12 x 30mm with nut



FASCIA BOLTS

PB1230 fascia bolt (grade 4.6): M12 x 30mm with nut



GENERAL PURPOSE BRACKET

6 holes: 18mm x 22mm

CAT NO.	A	B	C	D	E	F
GP8100	17	40	17	35	50	24
GP8150	22.5	65	22.5	35	65	25
GP8200	20	110	20	35	76	25
GP8250	25	160	25	35	75	35

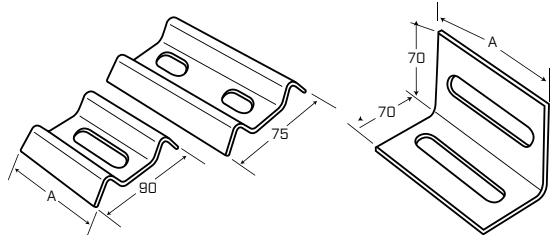
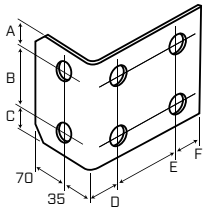
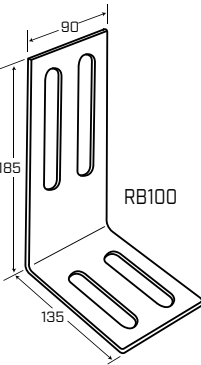
CLAMP PLATE

CAT NO.	A MM
CP100	90
CP150	140
CP200	190
CP250	240

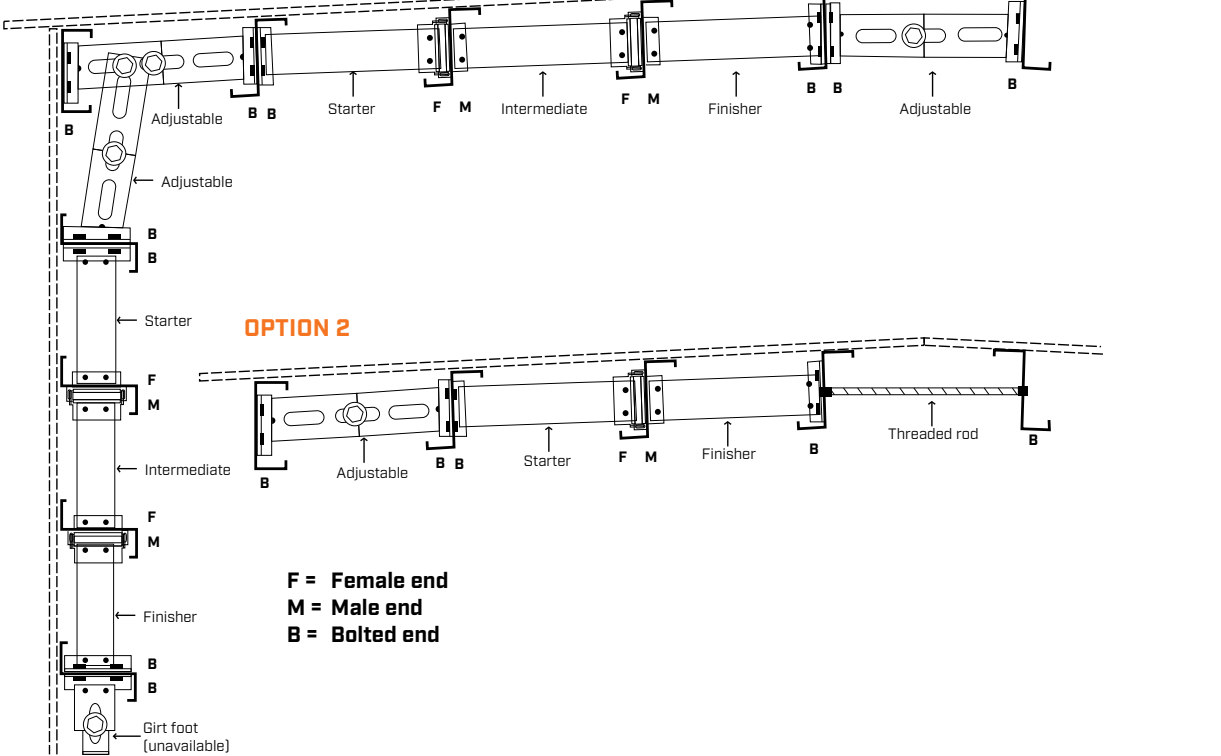
ANGLE CONNECTOR

CAT NO.	A MM
AC100	90
AC150	140
AC200	190
AC250	240

RAKING GIRT BRACKET

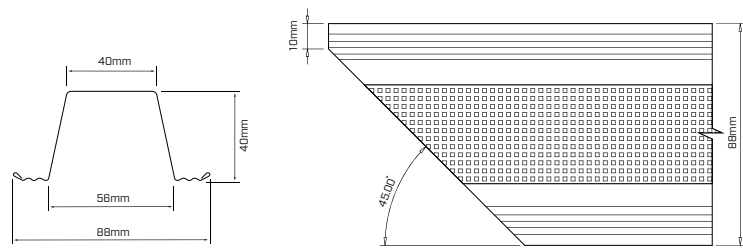


OPTION 1



Roof Battens

Our 40mm Roof Batten is an economical light weight section. It features rolled edges for safe handling and a knurled top for extra grip. The 45 degree mitred ends and ability to overlap make it fast and simple to use. Being manufactured from high tensile steel means it won't rot, burn, splinter, warp or twist! 6m or 7.5m lengths.

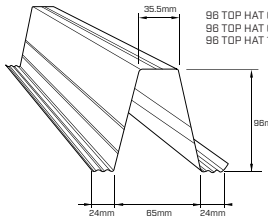
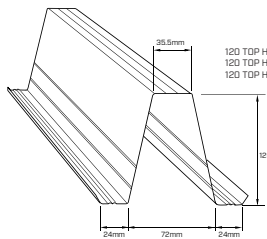
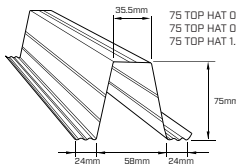
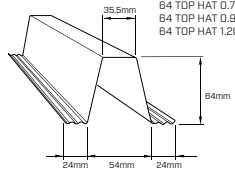
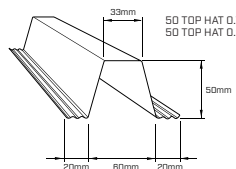
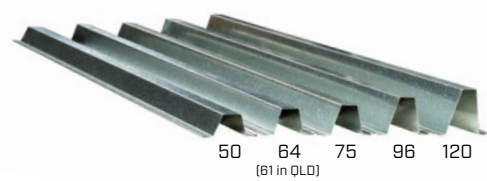


LOAD TABLE FOR APEX 22 AND 40 MM BATTENS										
Section	Span	Single span loads [kN/m]			Double span loads [kN/m]			Triple span loads [kN/m]		
		Downwards Load	Upwards Load	Deflection Load [Span/150]	Downwards Load	Upwards Load	Deflection Load [Span/150]	Downwards Load	Upwards Load	Deflection Load [Span/150]
TH022042	450	3.27	2.65	3.47	2.83	3.21	8.37	3.52	3.98	6.65
	600	1.84	1.38	1.46	1.60	1.82	3.53	2.00	2.21	2.81
TH040048	900	2.08	2.07	2.50	2.49	2.03	6.04	3.06	2.42	4.79
	1200	1.17	0.98	1.06	1.38	1.10	2.55	1.63	1.27	2.02

Note: Loads for double and triple spans are for unlapped spans

Top Hats

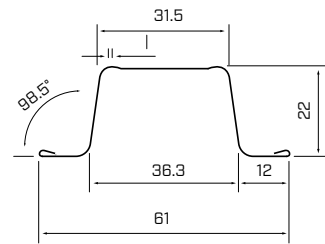
Our top hats are lightweight structural sections, perfect for use in a range of commercial, domestic and rural construction applications such as framing & battens in garages, sheds, fencing and carports. They are manufactured in high tensile galvanised steel for high strength and long life. The ease of lapping and screw fixing makes them extremely versatile.



Ceiling Battens



Our 22mm ceiling and safety battens are manufactured from high tensile Truecore steel. Like our roof battens they have rolled safety edges for safe handling and a knurled top for extra grip and adhesion. 6.1m length and 0.42 BMT thickness.



House Framing



We can provide all your steel framing requirements including stud, plate and noggin, roof & ceiling battens, top hats & purlins, stiffened top plate, trimmer angles as well as steel strap bracing.

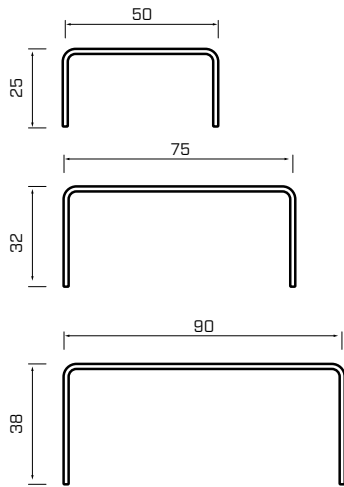
▼ 50mm Mini Stud Only available in: [QLD](#) | [NSW](#) | [SA](#)

A versatile light weight and economical section perfect for internal partitioning shed framing and a range of other applications. Standard material is 1mm high tensile galvanised steel although other gauges and finishes are available on request.

▼ 75x32x1.2 stud and 78x32x12 plate only available in: [VIC](#) | [QLD](#)

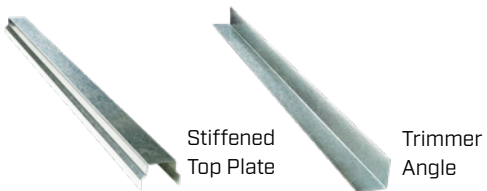
75MM STUD

Our standard house framing section is available in gauges from 0.8mm to 1.6mm Galvanised and Truecore high tensile steel to suit normal through to cyclonic conditions. We can supply stud, plate and noggin cut to length with the option of pre-punched holes if required. The 75mm industry standard section is optimised to provide maximum usable floor space together with the strength and benefits only provided by steel.



90MM STUD

Available in 1mm to 1.6mm high tensile Galvanised or Truecore steel for those who prefer to work with or have designs based on this larger section size. Also available cut to length in stud plate and noggin with optional pre-punched holes if required.



OTHER FRAMING SECTIONS

Apart from Z100 sections for rafters, Apex also manufacture Stiffened Top Plate and Hip Rafter channels suitable for use without 75mm standard stud framing.

Colours of Australia

CLASSIC COLOUR RANGE

Dover White™	Surfmist® U	Evening Haze®	Southerly®	Dune® U	Paperbark®	Classic Cream™	Shale Grey™ U
Blue Gum®	Wind Spray® U	Gully®	Jasper®	Wallaby® U	Basalt®	Woodland Grey® U	Monument® U
Night Sky®	Ironstone®	Deep Ocean®	Cottage Green®	Pale Eucalypt®	Manor Red®	Coolmax® Whitehaven®	

MATT FINISH COLOUR RANGE

Blue Gum®	Shale Grey™	Surfmist®	Monument®	Basalt®	Dune®
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U Also available in COLORBOND® Ultra steel for coastal and industrial environments.

All other colours are available in COLORBOND® Ultra steel on request, please speak with your supplier.



COLORBOND® Ultra Steel has been specifically designed by BlueScope as part of it's premium range to resist against severe industrial and coastal environments, where steel corrosion is most common.

Please note: Colours illustrated are matched as closely as modern printing processes allow. Please contact our sales office for a colour sample. Colour names are registered trademarks of BlueScope Limited.

Delivery Network

The Apex Steel Group takes pride in its diverse and advanced fleet, meticulously designed to meet every delivery demand. Each truck is equipped with crane mounts to ensure swift unloading while eliminating handling damages. Our fleet encompasses specialist sheet metal and rainwater trucks, rigid trays, and semi-trailers.

As we expand, our leadership in supplying major architectural and industrial projects remains undeterred, especially in growing regions like VIC, QLD, and beyond. Renowned for daily long-sheet deliveries, we now elevate our service with mammoth sheet deliveries via our custom-built super trailer.

Our unique extendable super trailer can transport roof sheets in continuous lengths, ranging from 14.500m to 36.000m. Equipped with remote radio-controlled steerable rear ends, these trailers guarantee seamless mobility both on roads and project sites. This pioneering tech not only signals our vision for the future but also provides our customers with a direct advantage.

Important Information

ADVERSE CONDITIONS If material is to be used within 1 km of salt marine, industrial or corrosive environments please contact our sales staff.

WARRANTIES Covering the Bluescope Steel materials used to manufacture The Apex Steel Group products are available. (Warranty terms and conditions apply.)

LENGTHS/TRANSPORT We can custom cut lengths to your requirements. Due to transport restrictions it is advisable to check with our office the maximum length.

HANDLING Care should be taken at all times when handling Corrugated. Packs must be kept dry and stored above ground level, should the sheets become wet separate immediately and individually wipe and place in an area to dry. The edges of roofing and walling sheets can be sharp. We recommend the use of suitable cut resistant gloves when handling roof and wall sheeting.

CUTTING We provide this service, however sheets may be cut using a power saw with a metal cutting blade.

COLORBOND® Steel sheeting must be cut with the coloured surface facing the ground. Ensure that no hot particles or debris come into contact with the COLORBOND® Steel. Ensure that no hot particles or debris come into contact with the COLORBOND® Steel.

CLEAN UP To prevent premature corrosion at the completion of each day ensure the sheeting area is cleared of all debris, including nails, rivets, rags and all cutting or drilling filings.

WALKING Clean soft soled shoes should be worn when walking on sheets.

DELIVERY We deliver to site within 1 to 2 days. To prevent any damage we require suitable arrangements to be made for unloading. Unloading by crane, ensure the load is evenly spread, if crane unavailable adequate manpower is required.

COMPATIBILITY ZINCALUME® and COLORBOND® Steel steel sheeting is compatible with most roofing products. It is not recommended to use lead flashing/nails, copper or copper alloy materials with or in run-off situations.

MATERIALS Both ZINCALUME® Steel and COLORBOND® Steel has a G550 base material.

STORAGE Care must be taken at all times when storing packs of sheeting, packs must be kept dry.



VIC

APEX BUILDING PRODUCTS [DANDENONG]

4 Cojo Place
Dandenong South VIC 3175

📞 03 9768 4700

APEX BUILDING PRODUCTS [GEELONG]

97 Barwon Terrace
South Geelong VIC 3220

📞 03 5274 7999

APEX STEEL (Sheet & Coil)

4 Cojo Place
Dandenong South VIC 3175

📞 03 9768 4777

APEX BUILDING PRODUCTS [BENDIGO]

8 Trantara Court
East Bendigo Vic 3550

📞 03 5274 7988

APEX BUILDING PRODUCTS [TRARALGON]

53-59 Eastern Rd
Traralgon Vic 3844

📞 03 5178 5866

QLD

APEX BUILDING PRODUCTS [QLD]

32-36 Saltwater Circuit
Narangba QLD 4504

📞 07 3491 4999

APEX BUILDING PRODUCTS QLD [GOLD COAST]

62 Millaroo Drive,
Helensvale, QLD 4212

📞 07 3491 4925

APEX STEEL [QLD] (Sheet & Coil)

103 Raubers Road
Northgate QLD

📞 07 3491 4949

NSW

APEX BUILDING PRODUCTS [NSW]

11 – 13 Yato Road
Prestons, NSW 2170

📞 02 8796 0333

SA

APEX STEEL SUPPLIES

36 Caribou Drive
Direk SA 5110

📞 08 8281 4911

APEX STEEL & SHED SUPPLIES [FORMERLY METAL AS ANYTHING]

3-5 Price Street
Kadina SA 5554

📞 08 8821 3000

NT

APEX STEEL SUPPLIES [DARWIN]

4 Matthew Hopkins Road
Holtze NT 0829

📞 08 7922 4999