Disclaimer, warranties and limitation of liability

This publication is intended to be an aid for all trades and professionals involved with specifying and installing LYSAGHT products and not to be a substitute for professional judgement.

Terms and conditions of sale available at local BlueScope Lysaght sales offices.

Except to the extent to which liability may not lawfully be excluded or limited, BlueScope Steel Limited will not be under or incur any liability to you for any direct or indirect loss or damage (including, without limitation, consequential loss or damage such as loss of profit or anticipated profit, loss of use, damage to goodwill and loss due to delay) however caused (including, without limitation, breach of contract, negligence and/or breach of statute), which you may suffer or incur in connection with this publication.

© Copyright BlueScope Steel Limited 15 December, 2009
For over 150 years, the name of LYSAGHT has been part of Australia’s architectural and building heritage, shaping so much of what’s been admired in homes and buildings throughout the country’s landscape. We’re proud of our reputation for quality, integrity and expertise.

And since BlueScope Lysaght is part of BlueScope Steel, you know we stand behind the products we sell - year after year.

Our wide range of products and our experience are available to enhance your project. We hope you find this catalogue helpful.

**Product Testing**
Our Research & Development Department laboratory is NATA-registered and tests our products to ensure accuracy and reliability of our data.

**Your suggestions**
Please send your suggestions for improvements to this publication to:
The Publications Officer, BlueScope Lysaght R & D, 27 Sterling Road, Minchinbury NSW 2770

**Product Descriptions**
All descriptions, specifications, illustrations, drawings, data, dimensions and weights contained in this catalogue, all technical literature and websites containing information from BlueScope Lysaght are approximations only. They are intended by BlueScope Lysaght to be a general description for information and identification purposes and do not create a sale by description. BlueScope Lysaght reserves the right at any time to:
(a) supply Goods with such minor modifications from its drawings and specifications as it sees fit; and
(b) alter specifications shown in its promotional literature to reflect changes made after the date of such publication.

**Product Testing**
Our Research & Development Department laboratory is NATA-registered and tests our products to ensure accuracy and reliability of our data.

**Warranties**
The LYSAGHT brand has been synonymous with the Australian building industry for over 150 years. With such a strong and proud Australian history, BlueScope Lysaght continue to manufacture high quality building products from 100% Australian steel.

Our continuing confidence in our products is shown in the unique warranties we offer.

We invite you to ask about the warranties applicable to your proposed purchase and the eligibility terms at your local LYSAGHT supplier.

All descriptions, specifications, illustrations, drawings, data, dimensions and weights contained in this catalogue and other price lists, technical literature, websites or other advertising matter of BlueScope Lysaght are approximations only. They are intended by BlueScope Lysaght to be a general description for information and identification purposes and do not create a sale by description.

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(b) alter specifications shown in its promotional literature to reflect changes made after the date of such publication.

**Availability of products**
In most commercial aspects, refer to the relevant State price list to determine the details of the available product offer and service offer with regards to colour availability, product details and charges, including transportation and minimum order quantities.

Normally products are not shipped interstate, as it cannot be guaranteed what condition fragile products might arrive.

It is important that you ask your local BlueScope Lysaght representatives about the availability and delivery times for the products you want to use.

**Product Availability**
Black areas on map indicate the product is in the region’s product offer. However, in some regions product availability to subject to enquiry and minimum order quantities may apply. These have been indicated where this applies.

Unshaded areas on map indicate that the product is not available in that region.

**Further information**
- For more detailed product literature, please visit our website: www.lysaght.com.
- Technical information is available by contacting the STEEL DIRECT Technical Information Service on 1800 641 417.
- Or contact your supplier of LYSAGHT products.

**Abbreviations**
- BMT = Base metal thickness
- MPa = MegaPascals (units of pressure)
- CB = COLORBOND colours on ZINCALUME steel or stainless steel
- Cu = Copper
- GB = GALVABOND steel unpainted
- SS = Stainless steel
- ZL = ZINCALUME steel unpainted

Measurements are millimetres, unless otherwise noted.
Glossary

Apron flashing See under Flashings
Astral A finishing at the gable end of a roof, fixed parallel to the roof slope.
Barge A finishing at the gable end of a roof, fixed parallel to the roof slope.
BRITEWITE® Painted underside of BONDEK to improve ceiling appearance.
BMT Base metal thickness
Box gutter A gutter not at an eave, typically at the base of two opposing roof slopes.
Capping A cover at the top of a gap that weatherproofs, typically at the ridge of a pitched roof.
Chimney gutter See soaker
Cladding Sheeting that encloses a building — roofing and walling.
COLORBOND® Prepainted aluminium-zinc coated steel sheeting.
Concealed-fastened A method of fixing cladding by means of hidden, fixing clips or brackets (sometimes called secret fixing).
Downpipe A pipe to carry roof water from gutters and roof catchments to drains or storage tanks.
Drop See pop.
Eaves gutter A roof gutter attached at an eave overhang.
Elbow A fitting used in a downpipe, to change direction of the downpipe by about 90 degrees.
Electrolytic (galvanic) corrosion Corrosion resulting from the contact of two different metals when an electrolyte (like water) is present.
Expansion joint A joint in a long run of cladding, gutter or flashing designed to allow for thermal expansion and contraction.
Fall (slope) The slope of the roof or gutter, often expressed in degrees, or as a ratio of vertical height to horizontal distance (e.g. 1 in 20).
Fascia (fascia board) A board, or rolled metal product of similar dimensions, fixed along the eaves, to which a gutter is secured.
Fixings Screws, nails or clouts used to fasten cladding to a building structure.
Flash A material, usually metal, used to waterproof the junction between two intersecting roof and/or wall surfaces. At a masonry wall, it is often built into the mortar.
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Flash A material, usually metal, used to waterproof the junction between two intersecting roof and/or wall surfaces. At a masonry wall, it is often built into the mortar.
Apex flashing A horizontal flashing installed where the top end of a roof slope meets a vertical projection, such as a chimney or parapet wall.
Counter (or over) flashing A flashing dressed down as a cover only, over a separate upstand.
Hanging flashing side, front or back cover piece used to prevent entry of water between abutting surfaces and other gutters, flashings and soakers.
Soaker flashing Formed metal designed to weatherproof the perimeter of roof protrusions or penetrations. Soaker flashings are usually positioned under rather than over the surrounding metal roof.
GALVASPAN® Galvanised steel sheeting protected against corrosion by an aluminium-zinc coating.
Girth The width of the blank strip from which a profile is rolled (usually refers to gutters and flashings).
Gutter A channel that collects roof water and carries it to an outlet.
Mansard A roof built at two pitches, the steeper pitch commencing at the eaves and the flatter pitch finishing at the ridge.
Nozzle See Pop.
Offset A pipe fitting that directs a downpipe from the gutter, under the eaves softfit and down a wall.
Oilcanning Variation from flatness of sheet metal, creating undulations along the surface. The result is poor appearance and potential ponding.
Pan The flat portion between the ribs in a pan-type pre-formed sheet.
Parapet A wall on the perimeter of a building that projects above the line of the eaves.
Penetration A projection through the roof, e.g. vent pipe, chimney or rooflight.
Pierce-fastened A method of fixing cladding by means of a screw or nail which pierces the cladding.
Pitch see fall.
Ponding Pooling of undrained water on a roof.
Pop A short fitting in a gutter sole, where rainwater leaves the gutter.
Rainhead A box-shaped receptacle sometimes used between gutters and downpipes to provide an external overflow point.
R-value A value given for the resistance to heat transfer of a roof or wall system.
Rib A longitudinal upstand in cladding.
Ridge capping Formed metal designed to weatherproof the junction at the apex of opposing roof slopes.
Saddle strap See straps.
Sarking A membrane to collect and discharge clear of the structure any water that may penetrate a roof or wall cladding.
Shoe A fitting used in a downpipe, to change direction of the downpipe by about 45 degrees.
Soaker (gutter) A small gutter located on the upper side of a chimneystack.
Soaker (flashings) See under flashings.
Sole The internal, bottom surface of a roof gutter.
Spigot See Pop.
Spreader A downpipe-tee or elbow fixed at 90 degrees to the roof slope used to spread stormwater over a greater area of the roof.
Spouting See Gutter.
Straps A metal band used to secure a downpipe to a wall.
Sump A roof gutter pit used to connect downpipes to internal roof gutters.
Trays See Pan.
Thermal stress Stress due to expansion and contraction caused by changes in temperature.
Thermal stress Stress due to expansion and contraction caused by changes in temperature.
THERMATECH® Innovative new paint technology which improves thermal performance of roof and wall claddings.
Valley boards Timber or profiled metal laid under a valley gutter to support it.
ZINCALUME® Steel sheeting protected against corrosion by an aluminium-zinc coating.
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NOVALINE fascia system featuring LYSAGHT Quad gutter

Flooring made easy using featuring LYSAGHT QUIKA-FLOOR®

Fencing featuring LYSAGHT MINISCREEN® Plus
General notes on cladding

Where appropriate, the following specifications apply to our roofing and walling products.

Materials

- **ZINCALUME®** aluminium/zinc alloy-coated steel complying with AS 1397—2001
- **ZINC HI-TEN** zinc-coated steel complying with AS 1397—2001
- Stainless steel standard grade designation is AISI/ASTM Type 430; UNS No. S43000

Testing

Our products offer the full benefits of the latest methods for modelling wind pressures. Wind pressure capacity tables are determined by full-scale tests conducted at BlueScope Lysaght’s NATA registered testing laboratory, using our direct pressure-testing rig.

We also test for concentrated loading (foot traffic) and spring curving.

Metal & timber compatibility

Contact with, or runoff from, some materials can damage coated steel products. Buildings can also be susceptible to condensation on inside surfaces.

The materials include certain metals, treated timbers and chemicals.

Incompatible materials include:

- lead
- copper
- monel metal
- bare steel
- stainless steel (except with **COLORBOND®** stainless cladding)
- green or some chemically-treated timber (like CCA or tanalith treatments)
- materials subject to cycles of dryness and wetness or which have excessive moisture content (such as improperly-seasoned timber)
- wet and dry concrete
- soils
- vegetable matter
- any material which will inhibit normal exposure to the atmosphere
- Don’t allow any contact of coated steel products with incompatible materials.
- Don’t allow discharge of rainwater from incompatible materials onto coated steel products.
- Ensure that supporting members are compatible with the coated steel products or, alternatively, appropriately coated.

If there are doubts about the compatibility of other products being used, seek advice from our information line.
LYSAGHT CUSTOM ORB

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.42 & 0.48mm

**Tolerances**
- Length: + 10 mm, – 10 mm
- Width: + 4 mm, – 4 mm

**Minimum roof pitch**
- 5 degrees (1:12)

**Mass (COLORBOND)**
- BMT 0.42mm: 4.35 kg/m²
- BMT 0.48mm: 4.93 kg/m²

**Tolerances**
- Length: + 10 mm, – 10 mm
- Width: + 2 mm, – 2 mm

**Minimum roof pitch**
- 5 degrees (1:12)

**Mass (COLORBOND)**
- BMT 0.60mm: 6.09 kg/m²
- BMT 0.80mm: available subject to enquiry and minimum order quantities apply.

**Finishes & cover**
- Unpainted ZINCALUME® steel:
  - 608 & 762mm cover
- Wide range of COLORBOND® steel colours: 762mm cover

**Tanks**
- AQUAPLA® steel:
  - 608 & 762mm cover 8 & 10 corrugation CUSTOM BLUE ORB

**Materials compatibility, standards & testing**
- See Page 1

**Curving**
- See below for flashings and order form on next page.

---

**LYSAGHT CUSTOM BLUE ORB**

**Base materials**
- Steel grade: G300
- Coating: AZ150 or Z600
- BMT: 0.60mm

**Tolerances**
- Length: + 10 mm, – 10 mm
- Width: + 2 mm, – 2 mm

**Minimum roof pitch**
- 5 degrees (1:12)

**Mass (COLORBOND)**
- BMT 0.60mm: 6.09 kg/m²
- BMT 0.80mm: available subject to enquiry and minimum order quantities apply.

**Finishes & cover**
- Unpainted ZINCALUME® steel:
  - 608 & 762mm cover
- Wide range of COLORBOND® steel colours: 762mm cover

**Tanks**
- AQUAPLA® steel:
  - 608 & 762mm cover 8 & 10 corrugation CUSTOM BLUE ORB

**Materials compatibility, standards & testing**
- See Page 1

**Curving**
- See below for flashings and order form on next page.

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**Product Availability**

**Sheet coverage**

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**Sheet coverage**

| Width of roof (m) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 30 | 40 | 50 |
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| Number of sheets  | 4 | 6 | 7 | 8 | 10| 11| 12 | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 23 | 24 | 25 | 27 | 30 | 53 | 66 |

Standard width is 762mm.
Curved flashings and cappings are made in fibreglass, plastic and COLORBOND® steel colours. Straight flashings and cappings are also made to match. Different states stock different materials and different lengths — ask your local supplier.

Colours
All colours available to match COLORBOND® steel standard colour range.

Curved valley gutter
- Radius (mm):
  - 300
  - 400
  - 500
  - 600

Curved hip capping
- 90 hip capping
  - Radius (mm):
    - 300
    - 400
    - 500
    - 600
    - 700
    - 800
    - 900
    - 1000
- 45 hip capping
  - Radius (mm):
    - 300
    - 400
    - 500
    - 600

Curved apron flashing: LH & RH
- Radius (mm):
  - 300
  - 350
  - 400
  - 450
  - 500
  - 600

Curved barge capping: LH & RH
- Radius (mm):
  - 300
  - 350
  - 400
  - 450
  - 500
  - 600
  - 700
  - 750
  - 800
  - 900
  - 1000

Custom Blue Orb
Types of curve
- Convex
- Concave
- Cyma recta
- Bullnose
- Ogee
- 180 Barrel vault
- Cranked double curve
- Pre-curved or cranked ridge

Material is non-metallic fibre to suit bullnose curve. (Right hand illustrated.)
Bullnose order form

1 CUSTOMER
Customer

Contact person (First name Surname)

Order number

Delivery address

2 DATA
Number of sheets required

Topside colour (or finish)

Direction of laying (see FRONT VIEW in right-hand column)
Left to right  Overlap
Right to left  Overlap

Does the bullnosed sheet end-lap onto a straight sheet?
Yes  No

Have you supplied a template? (Preferred method)
Yes  No

BlueScope Lysaght use only
Curved length  mm
Straight roof section ‘SR’  mm
Straight vertical section ‘SV’  mm
Total length of sheet for manufacture  mm

Pass length
Nip depth
Pass reduction

3 DIMENSIONS

Straight roof section ‘SR’  mm

Straight vertical section ‘SV’  mm
(100mm min., 80mm in Vic.)

Radius ‘R’  mm
(300 min., 400 minimum in Qld & 400 minimum in W.A.)

Roof pitch ‘P’  degrees (5° min.)

Awning width ‘A’  mm

Height less straight vertical ‘H’  mm

LYSAGHT Product Catalogue – 2010 Edition
INTEGRITY 820® is a versatile cladding designed for commercial and industrial applications, where fast and simple installation is a prime requirement.

The fasteners pierce the sheeting, however the unique design guarantees exceptional waterproofness on a par with concealed-fix products like KLIP-LUK 700 HIGH STRENGTH®.

Note: INTEGRITY 820 is available by enquiry only and minimum order quantities apply.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.42 & 0.48mm

**Minimum roof pitch**
- BMT 0.42: 2 degrees
- BMT 0.48: 1 degree

**Finishes**
A range of COLORBOND® steel colours, and unpainted ZINCALUME® steel.

**Materials compatibility, standards & testing**
See Page 1

**Tolerances**
- Length: + 0mm, – 15mm
- Width: + 10mm, – 0mm

**Sheet coverage**

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<th>Width of roof (m)</th>
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Integrity sealing plate for fasteners
LYSAGHT KLIP-LOK 700 HI-STRENGTH

LYSAGHT KLIP-LOK 700 HI-STRENGTH® cladding is a strong, durable, versatile cladding used for both roofs and walls. It is available in long lengths.

The concealed fastening system allows KLIP-LOK 700 HS to be used on roofs as low as 1 degree pitch.

KLIP-LOK 700 HS is commonly used on industrial and commercial jobs, but also gives a clean modern look on houses.

KLIP-LOK 700 HS is available as a long-length on-site rollformed product. Contact your local sales office for details.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT KLIP-LOK 700 HS: 0.42, 0.48 & 0.60mm*

**Lengths**
- Lengths are custom cut. Check maximum and minimum with your supplier.
- KLIP-LOK 700 HS is also available in long lengths with our on-site rollforming capability.
- Contact your sales representative for details.

**Mass (COLORBOND)**
- KLIP-LOK 700HS:
  - BMT 0.42mm: 4.74 kg/m²
  - BMT 0.48mm: 5.17 kg/m²
  - BMT 0.60mm*: 6.63 kg/m²
  - *Available from mobile rollformer only.

**Tolerances**
- Length: +0mm, –15mm
- Width: +4mm, –4mm

**Minimum roof pitch**
- BMT 0.42: 2 degrees
- Other BMT: 1 degree

**Finishes**
- A range of COLORBOND® steel colours, and unpainted ZINCALUME® steel.
- For KLIP-LOK 700HS, COLORBOND Metallic is available in 0.48mm subject to enquiry.
- COLORBOND Stainless is available in 0.42mm subject to enquiry.

**Number of clips**
- Number of clips = (number of purlins) x (number of sheets +/-1)

**Materials compatibility, standards & testing**
- See Page 1.

Mobile rollforming for KLIP-LOK 700 HI-STRENGTH is available in any state, subject to enquiry.

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**Sheet coverage**

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| Number of sheets | 5 6 8 9 10 12 13 15 16 18 19 20 22 23 25 26 28 29 33 38 43 58 72 |

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LYSAGHT KLIP-LOK Clip (availability as above)

KL-700HS clip
(For KLIP-LOK 700 Hi-Strength)
LYSAGHT KLIP-LOK 406
LYSAGHT KLIP-LOK 406 HIGH WIND

LYSAGHT KLIP-LOK® 406 cladding is a strong, durable, versatile cladding used for both roofs and walls. It is available in long lengths.

The concealed fastening system allows KLIP-LOK 406 to be used on roofs as low as 1 degree pitch.

KLIP-LOK is commonly used on industrial and commercial jobs, but also gives a clean modern look on houses.

In the Northern Territory it is known as KLIP-LOK 406 High Wind, and is cyclonically rated when pierce-fixed with cyclonic screw assemblies.

Contact your local sales office for details.

**Base materials**
Steel grade: G550
Coating: AZ150
BMT KLIP-LOK 406: 0.42, 0.48 & 0.60mm

**In Northern Territory:**
Steel grade: G300
BMT KLIP-LOK 406: 0.55mm (standard) 0.70mm (for extreme applications)

**Lengths**
Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
KLIP-LOK 406:
BMT 0.42mm: 5.03 kg/m²
BMT 0.48mm: 5.71 kg/m²
BMT 0.60mm: 7.04 kg/m²

**Tolerances**
Length: + 0mm, – 15mm
Width: + 4mm, – 4mm

**Minimum roof pitch**
BMT 0.42: 2 degrees
Other BMT: 1 degree

**Finishes**
In NT, ZINCALUME® steel is standard. Colours in project quantities only.
A range of COLORBOND® steel colours, and unpainted ZINCALUME® steel.

**Number of clips**
Number of clips = (number of purlins) x (number of sheets +/-1)

<table>
<thead>
<tr>
<th>Sheet coverage</th>
<th>Width of roof (m)</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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</table>

**Materials compatibility, standards & testing**
See Page 1.

KLIP-LOK 406 High Wind is made locally in NT.

Made in NSW.

**LYSAGHT KLIP-LOK 406 accessories**

- **KL-65 clip**
  (For KLIP-LOK 406)

- **Rib cap**
  8 degrees for KL-406 (ZINCALUME®)
  (Not available in NSW)
LYSAGHT KLIP-LOK MAXIMA

LYSAGHT KLIP-LOK MAXIMA® cladding is a strong, durable, versatile cladding used for both roofs and walls. It is available in long lengths.

The concealed fastening system allows KLIP-LOK MAXIMA to be used on roofs as low as 1 degree pitch.

KLIP-LOK MAXIMA is commonly used on industrial and commercial jobs, but also gives a clean modern look on houses.

Contact your local sales office for details.

| Base materials | Steel grade: G550 | Coating: AZ150 | BMT KLIP-LOK MAXIMA: 0.42, 0.48 & 0.60mm |
| Tolerances | Length: + 0mm, – 15mm | Width: + 4mm, – 4mm |
| Minimum roof pitch | BMT 0.42: 2 degrees | Other BMT: 1 degree |

Lengths
Lengths are custom cut. Check maximum and minimum with your supplier.
KLIP-LOK 700HS is also available in long lengths with our on-site rollforming capability.
Contact your sales representative for details.

Mass (COLORBOND)
KLIP-LOK MAXIMA:
BMT 0.42mm: 4.34 kg/m²
BMT 0.48mm: 4.91 kg/m²
BMT 0.60mm: 6.06 kg/m²

Sheet coverage

| Width of roof (m) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 30 | 40 | 50 |
| Number of sheets | 4 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 15 | 16 | 17 | 19 | 20 | 21 | 23 | 24 | 25 | 26 | 39 | 52 | 65 |

LYSAGHT KLIP-LOK accessories (availability as per products, shown above)

LYSAGHT Product Catalogue – 2010 Edition
LYSAGHT LONGLINE 305 (Subject to enquiry in Qld, SA & W.A.)

LONGLINE 305® is a long-standing favourite that accentuates clean straight lines with narrow ribs and smooth pans.

This is a very versatile profile that can be tapered in its width (see below).

<table>
<thead>
<tr>
<th>Sheet coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width of roof (m)</td>
</tr>
<tr>
<td>Number of sheets</td>
</tr>
</tbody>
</table>

Base materials
- Steel grade: G300
- Coating: AZ150
- BMT: 0.70 mm

Mass (COLORBOND)
- BMT 0.70 mm: 9.81 kg/m²

Tolerances
- Length: + 0mm, – 15mm
- Width: + 4mm, – 4mm

Minimum roof pitch
- 1 degree (1:60)

Finishers
- A limited range of COLORBOND® steel colours and unpainted ZINCALUME® steel.

Materials compatibility, standards & testing
- See Page 1

Made in NSW.

LYSAGHT LONGLINE 305 Tapered (Subject to enquiry in Qld, SA, W.A.)

We can taper LONGLINE 305 in its width to produce a sheet that lends itself to a wide range of roof designs. The taper can be left-hand or right-hand (please seek advice upon ordering).

You should seek advice on the available tapers for long spans, minimum lengths and high loadings.

We can taper LONGLINE 305 in its width to produce a sheet that lends itself to a wide range of roof designs. The taper can be left-hand or right-hand (please seek advice upon ordering).

You should seek advice on the available tapers for long spans, minimum lengths and high loadings.

LYSAGHT Product Catalogue – 2010 Edition
LYSAGHT SPANDEK® is a contemporary-looking trapezoidal profile which is ideal where a stronger, bolder more modern corrugated appearance is required. User to specify roof or wall use.

Base materials
Steel grade: G550
Coating: AZ150
BMT: 0.42 & 0.48mm

Lengths
Lengths are custom cut. Check maximum and minimum with your supplier.

Mass (COLORBOND®)
BMT 0.42mm: 4.74 kg/m²
BMT 0.48mm: 5.57 kg/m²

Tolerances
Length: + 0mm, – 15mm
Width: + 4mm, – 4mm

Finishes
A range of COLORBOND® steel colours and unpainted ZINCALUME® steel.
For 0.48mm, COLORBOND® metallic is available subject to enquiry. For 0.42mm, COLORBOND® stainless is available subject to enquiry.

Minimum roof pitch
3 degrees (1:20)

Materials compatibility, standards & testing
See Page 1

Sheet coverage

<table>
<thead>
<tr>
<th>Width of roof (m)</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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</table>

LYSAGHT SPANRIB® cladding system provides the benefits of long spanning, pierced-fix cladding, with excellent rainwater carrying capacity.

All overlapping ribs have specially formed capillary grooves to prevent water entering at the side laps.

It has been designed for commercial and industrial applications where long span and fast installation are major requirements.

Each sheet requires only four (4) fasteners per square metre, so installation is very fast and less costly.

Available subject to enquiry. Minimum order quantities apply.

Base materials
Steel grade: G550
Coating: AZ150
Stainless Steel AISI/ASTM Type 430; UNS No.: S43000
BMT: U.42mm or U.48mm.

Lengths
Lengths are custom cut. Check maximum and minimum with your supplier.

Mass (COLORBOND®)
0.42 mm 4.69 kg/m²
0.48 mm 5.31 kg/m²

Tolerances
Length: + 0mm, – 15mm
Width: + 4mm, – 4mm

Minimum roof pitch
BMT 0.42: 2 degrees (1:30)
BMT 0.48: 1 degree (1:50)

Colours
A range of COLORBOND® steel colours, and unpainted ZINCALUME® steel.

Materials compatibility, standards & testing
See Page 1

Sheet coverage

<table>
<thead>
<tr>
<th>Width of roof (m)</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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<tbody>
<tr>
<td>Number of sheets</td>
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<td>5</td>
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</table>
LYSAGHT TRIMDEK® is a stylish, ribbed profile with subtle fluting in the pans to provide strength and long spanning capabilities. Equally suitable for domestic, industrial and commercial applications.

See also LYSAGHT TRIMWALL for wall cladding applications.

**Base materials**

Steel grade: G550
Coating: AZ150
BMT 0.42 & 0.48mm

**Lengths**

Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**

BMT 0.42: 4.35 kg/m²
BMT 0.48: 4.96 kg/m²

**Tolerances**

Length: + 0mm, – 15mm
Width: + 4mm, – 4mm

**Finishes**

A range of COLORBOND® steel colours and unpainted ZINCALUME® steel.
COLORBOND Metallic is available in 0.48mm subject to enquiry.
COLORBOND Stainless is available in 0.42mm subject to enquiry.

**Minimum roof pitch**

2 degrees (1:30)

**Materials compatibility, standards & testing**

See Page 1

**Sheet coverage**

| Width of roof (m) | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   | 27   | 28   | 29   | 30   | 31   | 32   | 33   | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   | 47   | 48   | 49   | 50   |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of sheets  | 4    | 6    | 7    | 8    | 10   | 11   | 12   | 14   | 15   | 16   | 18   | 19   | 20   | 21   | 23   | 24   | 25   | 27   | 29   | 30   | 31   | 32   | 33   | 34   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   | 45   | 46   | 47   | 48   | 49   | 50   | 51   | 52   | 53   | 54   | 55   | 56   | 57   | 58   | 59   | 60   |

**Remember**

- Accessories
- Cappings
- Curved flashings
- Flashings
- Fasteners
- Insulation
- Rainwater goods
- Translucent sheeting
ROOFTRAK® provides a safe and stable surface for incidental access on 'flat' roofs. It may be installed parallel or at 90° to the ribs of roofing sheets.

There are male-male and male-female planks, as well as blanking plates, support and end plate brackets.

If you want to use ROOFTRAK 450, check that your regulatory authority allows this width because it is narrower than the minimum provided for in AS-1657—1992.

Supplied in kits
ROOFTRAK is supplied in kits that include components and fixings.

Dimensions
The basic 'plank' nominally (225 mm wide x 65mm high) is configured as:
- ROOFTRAK 450 (two planks = 450mm wide); or
- ROOFTRAK 675 (three planks = 675mm wide).

Lengths
- 3018mm
- 6073mm

Material
Zinc-coated steel to AS1397, G300, Z450 (300 MPa minimum yield stress, 450 g/m² minimum coating mass). BMT = 1.2mm

Components
A = Plank (male-male) standard lengths 3m* or 6m*
B = Plank (male-female) standard lengths 3m* or 6m*
C = End Plate (Blanking plate)
D = Support bracket
E = L bracket
F = Universal Support bracket
* 3m = 3.018m and 6m = 6.073m

Components supplied in kits

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<th>Kit code</th>
<th>Kit Description</th>
<th>M/M</th>
<th>M/M</th>
<th>Support brackets</th>
<th>Screws (bag)</th>
<th>Rivets (bag)</th>
<th>L bracket</th>
<th>End plates</th>
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<td>Universal Support Plate</td>
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</tbody>
</table>

6 metre planks are 6573 mm long; 3 metres planks are 3018 mm long. Bags of screws and rivets contain 20 items.

The availability of packers or profiled spacers is subject to enquiry.
It’s called EASYCLAD® because it’s easy to use and install on walls, soffit linings, ceilings, infill panels and screens. The profile provides the illusion of timber siding, with the strength of steel. It is not intended for roofing.

Simple (CD40) clips are used for fixing the start of the first sheet. Subsequent sheets are nailed or screwed. There is a wide range of trim sections.

**Sheet coverage**

| Height of wall (m) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 30 | 40 | 50 |
| Number of sheets  | 10| 14| 17| 20| 24| 27| 30| 34| 37| 40| 44| 47| 50| 54| 57| 60| 64| 67| 100| 134| 167|

**EASYCLAD TRIMS**

Custom sections can be made to order.

**Base materials**

Steel grade: G550

Coating: AZ150

Finish: 0.4 mm

**Lengths**

Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**

4.5 kg/m²

**Tolerances**

Length: ± 0 mm, – 15 mm

Width: ± 3 mm, – 3 mm

**Finishes**

A range of COLORBOND® steel colours, and unpainted ZINCALUME® steel.

**Materials compatibility, standards & testing**

See Page 1

Made in NSW.

Available as fluted product as standard. Unfluted is available on request.

**Remember**

- Accessories
- Cappings
- Curved flashings
- Flashings
- Fasteners
- Insulation
- Rainwater goods
- Translucent sheeting

**LYSAGHT Product Catalogue – 2010 Edition**

13
**LYSAGHT EASYCLAD EH300**

300 mm cover

**EASYCLAD EH300** is used for walls, soffit linings, ceilings, infill panels and screens. It is not intended for roofing. It is available only in the Northern Territory.

The trims available in the Northern Territory are CD1, CD4, CD6 AND CD27.

**Base materials**
- Steel grade: G300
- Coating: AZ150

**Sheet coverage**

| Height of wall (m) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 30 | 40 | 50 |
| Number of sheets  | 10 | 14 | 17 | 20 | 24 | 27 | 30 | 34 | 37 | 40 | 44 | 47 | 50 | 54 | 57 | 60 | 64 | 67 | 100 | 134 | 167 |

**3MT: 0.55 mm**

**Lengths**
- Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (CULORBOND)**
- 5.8 kg/m²

**Tolerances**
- Length: + 0 mm, – 15 mm
- Width: + 3 mm, – 3 mm

**Finishes**
- A range of CULORBOND® steel colours, and unpainted ZINCALUME® steel.

**Materials compatibility, standards & testing**
- See Page 1
- Made in Darwin.

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**LYSAGHT MULTICLAD (Subject to enquiry in WA)**

840 mm cover

**LYSAGHT MULTICLAD** is a walling profile with a small trapezoidal rib. Its most common applications are as walls of sheds and garages.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.35 & 0.42mm

**Lengths**
- Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
- BMT 0.35mm: 3.25 kg/m²
- BMT 0.42mm: 3.9 kg/m²

**Tolerances**
- Length: + 0mm, – 10mm
- Width: + 4mm, – 4mm

**Finishes**
- A range of CULORBOND® steel colours and unpainted ZINCALUME® steel.
- For 0.42mm BMT CULORBOND® stainless is also available subject to enquiry.

**Materials compatibility, standards & testing**
- See Page 1

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**Remember**

- Accessories
- Cappings
- Curved flashings
- Flashings
- Fasteners
- Insulation
- Rainwater goods
- Translucent sheeting
MINI ORB® is a corrugated sheet with reduced height of corrugation to the more traditional CUSTOM ORB profile. It is suitable for interior and exterior applications; on straight or curved surfaces; with the corrugations running vertically or horizontally.

This product is not suitable for roofing.

**Base materials**
Steel grade: G550
Coating: AZ150
BMT: 0.42 & 0.48mm
(NSW 0.48mm by request only)
(NSW & Qld 0.48mm metallic only available) (0.48mm n/a in SA)

**Lengths**
Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
BMT 0.42mm: 3.97 kg/m²
BMT 0.48mm: 4.51 kg/m²
(0.48mm n/a in VIC)

**Tolerances**
Length: +0mm, – 15mm
Width: +2mm, – 2mm

**Finishes**
A range of COLORBOND® steel colours and unpainted ZINCALUME® steel.
Double-sided 0.35mm COLORBOND® steel available on request.

**Materials compatibility, standards & testing**
See Page 1

## MINI ORB TRIMS
Custom sections can be made to order. (Trims not available in W.A., subject to enquiry in S.A.)

**Sheet coverage**

| Width of wall (m) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 24 | 25 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 |
| Number of sheets | 4 | 5 | 7 | 8 | 9 | 10 | 11 | 13 | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 24 | 25 | 27 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 |
LYSAGHT PANELRIB

LYSAGHT PANELRIB® is a lightly fluted wall cladding or ceiling for exterior and interior use, on straight or curved surfaces.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.35 & 0.42 mm

**Lengths**
Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
- BMT 0.35 mm: 3.2 kg/m²
- BMT 0.42 mm: 3.8 kg/m²

**Tolerances**
- Length: + 0 mm, – 15 mm
- Width: + 0 mm, – 4 mm

**Finishes**
A range of COLORBOND® steel colours and unpainted ZINCALUME® steel.
For 0.42 mm, COLORBOND® stainless is also available subject to enquiry.

**Materials compatibility, standards & testing**
See Page 1

---

LYSAGHT TRIMWALL

LYSAGHT TRIMWALL® has trapezoidal ribs and pans that match LYSAGHT TRIMDEK. It is used for walls, primarily on sheds.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.30mm

**Lengths**
Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
- BMT 0.35 mm: 3.0 kg/m²

**Tolerances**
- Length: + 0 mm, – 10 mm
- Width: + 4 mm, – 4 mm

**Finishes**
A range of COLORBOND® steel colours and unpainted ZINCALUME® steel.
Limited colour range in W.A.

**Materials compatibility, standards & testing**
See Page 1

---

**Sheet coverage**

<table>
<thead>
<tr>
<th>Width of wall (m)</th>
<th>Number of sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
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</table>

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**Remember**
- Accessories
- Cappings
- Curved flashings
- Flashings
- Fasteners
- Insulation
- Rainwater goods
- Translucent sheeting
LYSAGHT WALLCLAD® is a walling product to complement LYSAGHT CUSTOM ORB and LYSAGHT CUSTOM BLUE ORB. The sheet cover chart matches that of LYSAGHT CUSTOM ORB.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.35mm

**Lengths**
Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
3.67 kg/m²

**Tolerances**
- Length: + 0 mm, – 10 mm
- Width: + 4 mm, – 4 mm

**Finishes**
A range of COLORBOND® steel colours and unpainted ZINCALUME® steel.

**Materials compatibility, standards & testing**
See Page 1

### Sheet coverage

<table>
<thead>
<tr>
<th>Width of wall (m)</th>
<th>3</th>
<th>4</th>
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<td>40</td>
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<td>66</td>
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</tbody>
</table>

LYSAGHT Weatherboard is a walling product that matches traditional weatherboard. For lengths over 6 m, contact your local BlueScope Lysaght office.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.42 mm

**Lengths**
Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
4.15 kg/m²

**Tolerances**
- Length: + 5 mm, – 5 mm
- Width: + 0 mm, – 4 mm

**Finishes**
A range of COLORBOND® steel colours and unpainted ZINCALUME® steel.

**Materials compatibility, standards & testing**
See Page 1

### Sheet coverage

<table>
<thead>
<tr>
<th>Width of roof (m)</th>
<th>3</th>
<th>4</th>
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<td>76</td>
<td>80</td>
<td>120</td>
<td>160</td>
<td>200</td>
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</tbody>
</table>
LYSAGHT Standard flashings & cappings

New South Wales

Barge capping
CUSTOM ORB & BLUE ORB
Code: BCCO
70 200 20
TRIMDEK & SPANDEK
Code: BCTDSD
70 190 30
KLIPLOK
Code: BCKLQR
70 180 40

Ridge capping
CUSTOM ORB & BLUE ORB
Code: RCCO
30 105 20
30 170 30
KLIPLOK
Code: BCKLQR
40 160 40
CUSTOM ORB & BLUE ORB
Code: RC2
127 90 127 9

Apron flashing
CUSTOM ORB & BLUE ORB
Code: AFOCO
100 180 20
100 170 30
KLIPLOK & INTEGRITY 890
Code: AFKLQR
100 160 40

Valley flashing
Valley flashing
Code: VF
20 180 20
Ribbed valley
Code: RV
210 210
Structural valley
Code: SV
145 145
Valley support
Code: VS
120 120 120

Barge gutter
Code: BG

Barge roll
Code: BR55
2400 mm length only

Barge roll capping
Code: BRCAP
50 110 20
2400 mm length only

Spear point

Tile flashing
CUSTOM ORB & BLUE ORB
Code: TFCD
10 230 20
KLIPLOK & INTEGRITY 890
Code: TKLQR
10 210 20

Tasmania

Barge capping
CUSTOM ORB, TRIMDEK & SPANDEK
75 150 85
KLIPLOK
Barg capping
75 110 85

Ridge capping
CUSTOM ORB
V-top ridge capping
175 95 175 9
KLIPLOK
V-top ridge capping
42 145 42 145

Valley flashing
Valley gutter
190 190

Miscellaneous flashing
Under flashing
150 15

Remember
▲ Accessories
▲ Gutters
▲ Non-standard flashings
▲ Fasteners
LYSAGHT Standard flashings & cappings

Victoria

Side capping
CUSTOM ORB (Universal) Code: UC

TRIMDEK & SPANDEK Code: STC

KLIP-LOK Code: BK

Baffle flashing
CUSTOM ORB (Universal) Code: UBF

TRIMDEK & SPANDEK Code: STBF

KLIP-LOK Code: BK3F

Ridge capping

Rainwater Goods

Queensland

Single-sided ant capping
0.4 mm & 1800 mm long
50 x 38 mm 150 x 30 mm
75 x 38 mm 200 x 38 mm
113 x 38 mm 225 x 38 mm

Double-sided ant capping
0.4 mm & 1800 mm long
38 x 117 x 38 38 x 200 x 38
38 x 113 x 38 38 x 225 x 38
38 x 150 x 38

Horizontal ant capping
0.4 x 50 x 1800 mm
0.6 x 75 x 1800 mm

Window flashings/Door heads
1800 mm long
50 x 38 mm
75 x 38 mm WS,
113 x 75 mm Q.H.C.

Drip strip
0.4 mm x 50 x 1800 mm

Round vent stays
1800 mm long

Roll-top ridge capping
0.4 mm x 310 mm Custom cut to length
(Nth Qld only 450 mm girth roll top ridge and matching three break)

Ridge capping-three break
CUSTOM ORB & TRIMDEK
Standard 20 pitch
Custom cut up to 8000 mm
0.4 mm x 400
0.55 x 400

Valley gutter-three break
Custom cut up to 1800 mm
0.4 x 400 mm
0.55 x 400 mm

Barge gutter
Code: BG

Valley gutter
0.10 x 10

Counter flashing
0.10 x 25

Barge roll
Lengths 2400 mm & 1800 mm

Tile valley gutter
0.35 mm x 465 x 2400 mm

Roll-top barge capping
0.4 x 400 Custom cut up to 8000 mm

Gable roll
0.55 x 38 x 1800 mm
0.55 x 38 x 2400 mm
0.55 x 50 x 1800 mm
0.55 x 50 x 2400 mm

LYSAGHT Product Catalogue – 2010 Edition
Western Australia

Bargemould/corner capping
Custom cutting: 2-3 days
Type A edgeroll: 1800 mm long
50 oz. 20
Type C edgeroll: up to 6000 mm long
50 oz. 130
Type B bargemould: 1800 & 2400 mm long & custom cut available

Corner flashings
All custom cut
External Mini bends
75 x 75
100 x 100

Internal
150 x 100
150 x 150

Mini bends

Valley gutter
1800 & 2400 mm long
0.4 mm BMT ZINCALUME or COLORBOND
395 mm girth

Spandeck gutter boards
530 or 770 mm wide

Barge capping & parapet flashing
All custom cut

Ridge capping
All custom cut

South Australia & Northern Territory

Roll top ridge capping
(Scribing break extra on nett price)
300 mm girth
350 mm girth

Ridge capping
SPANDEK & TRIMDEK

Valley gutter
350 mm girth x continuous length
400 mm girth x continuous length
450 mm girth x continuous length

Spandeck gutter boards

Barge capping
CUSTOM ORS
SPANDEK & TRIMDEK

Barge roll
190
1800 mm length only

Remember

▲ Accessories
▲ Gutters
▲ Non-standard flashings
▲ Fasteners
This page shows some non-standard profiles. Please ask your local LYSAGHT office for other options.

<table>
<thead>
<tr>
<th>Girth range (mm)</th>
<th>Preliminary</th>
<th>Order requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>Check with your local BlueScope Lysaght office for:</td>
<td>Un a sketch show:</td>
</tr>
<tr>
<td>200</td>
<td>1. Available girth range</td>
<td>1. Profile type</td>
</tr>
<tr>
<td>300</td>
<td>2. Available colours</td>
<td>2. Colour (or ZINCALUME steel, or GALVABOND if not COLORBOND steel)</td>
</tr>
<tr>
<td>400</td>
<td>3. Profiles not shown</td>
<td>3. Side on which colour is to be (use letters shown below)</td>
</tr>
<tr>
<td>500</td>
<td>4. Maximum lengths</td>
<td>4. Dimensions (use letters shown below)</td>
</tr>
<tr>
<td></td>
<td>5. Lead times</td>
<td>5. Angles on all bends that are not 90 degrees</td>
</tr>
<tr>
<td></td>
<td>6. How to handle tapered flashings</td>
<td>6. Quantity and lengths</td>
</tr>
</tbody>
</table>

### Profile types

**Type 1 (CF1)**

**Type 2 (CF2)**

**Type 3 (CF3)**

**Type 4 (CF4)**

**Type 5 (CF5)**

**Type 6 (CF11)**

**Type 7 (CF12)**

**Type 8 (CF13)**

**Type 9 (CF14)**

**Type 10 (CF15)**

**Type 11 (CF31)**

**Type 12 (CF32)**

**Type 13 (CF33)**

**Type 14 (CF35)**

### Order requirements

1. Profile type
2. Colour (or ZINCALUME steel, or GALVABOND if not COLORBOND steel)
3. Side on which colour is to be (use letters shown below)
4. Dimensions (use letters shown below)
5. Angles on all bends that are not 90 degrees
6. Quantity and lengths

### Availability of materials

<table>
<thead>
<tr>
<th>State</th>
<th>BMT (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW</td>
<td>0.55 ZINCALUME, GALVABOND, COLORBOND 1.0, 1.2, 1.6 GALVABOND</td>
</tr>
<tr>
<td>Vic &amp; Tas</td>
<td>0.55 ZINCALUME, GALVABOND, COLORBOND 0.80, 1.00 ZINCALUME, GALVABOND</td>
</tr>
<tr>
<td>WA</td>
<td>0.40, 0.55 ZINCALUME, COLORBOND 0.8, 1.0, 1.2 ZINCALUME, GALVABOND 1.6 GALVABOND</td>
</tr>
<tr>
<td>Qld</td>
<td>0.40 ZINCALUME, GALVABOND, COLORBOND 0.55 ZINCALUME, GALVABOND 1.0 ZINCALUME, GALVABOND 1.2, 1.6 GALVABOND 0.80 ZINCALUME</td>
</tr>
<tr>
<td>NT &amp; SA</td>
<td>0.40, 0.55, 0.80, 1.00 ZINCALUME 0.55 COLORBOND 0.4, 0.55, 0.8, 1.0, 1.2, 1.6 GALVABOND</td>
</tr>
</tbody>
</table>

**Order example**

1. Profile type 5 (CF5)
2. Wilderness
3. Colour on “B” side
4. A = 40, B = 80, C = 18
5. Angle B–C = 135 degrees
6. 4 of 2750 mm

**Rainwater Goods**
LYSAGHT NOVALINE® fascia system

LYSAGHT NOVALINE® is a fascia system that integrates with most of our gutters. It comprises:

- The fascia
- A metal fixing bracket
- One of many gutters
- A spring clip that clips the gutter to the fascia
- An overstrap that adds support to the gutter

NOTE: In WA a NOVALINE REBATE fascia is also available.

Availability
NOVALINE fascia is available in all states, though the Western Australian fascia has a different profile, and the following restricted accessories:

- External and internal corners
- Spring clips
- Stop ends (End closer)
- Splice plates

NOVALINE fascia accessories

- Multipurpose fascia bracket
- Spring clip
- Spacer clip
- Internal cover cap
- Internal corner 45° & 90°
- External corner 45° & 90°
- Barge mould Right hand/Left hand
- Splice plate
- Apex cover
- End closer

Not all NOVALINE fascia accessories are available in all markets. Consult with your local distributor for availability in your region.

* Multi purpose fascia bracket can be bent 90° to attach to a wall.

LYSAGHT NOVALINE fascia cover

Put a bright new surface onto your tired old fascias. The NOVALINE fascia cover has the ability to cover warped or weathered timber, peeling paint or discoloured wood so the fascia appears smooth and attractive.

NOVALINE fascia covers are designed to go over your existing fascia boards, so all these unattractive problems are totally concealed.

They are compatible with most NOVALINE fascia accessories and will mount the same range of gutters.

Availability
Victoria only

Finishes
COLORBOND® steel colours
LYSAGHT EMLINE gutter

LYSAGHT EMLINE® gutter is concealed-fixed, and is compatible with NOVALINE fascia. It is available slotted or unslotted.

EMLINE gutter accessories

LYSAGHT TRIMLINE gutter

LYSAGHT TRIMLINE® gutter is concealed-fixed, and is compatible with NOVALINE fascia. It is available slotted or unslotted. BMT = 0.42 mm. A range of COLORBOND® colours is available.

TRIMLINE gutter accessories

Note: Availability in NSW is subject enquiry.

Dimensions in NSW
A = 73 mm (nominal)
B = 117 mm (nominal)
C = 124 mm (nominal)

Dimensions in Victoria & Tasmania
A = 72 mm (nominal)
B = 116 mm (nominal)
C = 124 mm (nominal)

Dimensions in QLD
A = 70 mm (nominal)
B = 116 mm (nominal)
C = 124 mm (nominal)

Abbreviations
CB = COLORBOND® colours on ZINCALUME® steel
GB = GA.ZINCALUME® steel unpainted
ZL = ZINCALUME® steel unpainted

Remember
- Accessories
- Downpipes
- Flashings
- Fasteners
LYSAGHT SHEERLINE gutter

(SHEERLINE is not available with a return in SA)

LYSAGHT SHEERLINE® gutter is concealed-fixed, and is available slotted or unslotted. It is favoured by some, for high-profile roofing (e.g. KLIP-LOK) laid at low pitches. Particularly good in home improvement applications:

BMT = 0.42mm (Vic. & Tas.)
BMT = 0.50mm (NSW)
BMT = 0.55mm (NSW, SA & NT)

Standard and high-gloss COLORBOND® steel colours are available.

The slotted product is not available in Western Australia.

SHEERLINE capping is available for trimming roof edges at barges.

Dimensions other than in South or West Australia

LYSAGHT SHEERLINE® gutter is concealed-fixed, and is available slotted or unslotted. It is favoured by some, for high-profile roofing (e.g. KLIP-LOK) laid at low pitches. Particularly good in home improvement applications:

BMT = 0.42mm (Vic. & Tas.)
BMT = 0.50mm (NSW)
BMT = 0.55mm (NSW, SA & NT)

Standard and high-gloss COLORBOND® steel colours are available.

The slotted product is not available in Western Australia.

SHEERLINE capping is available for trimming roof edges at barges.

Dimensions in South Australia

A = 72.5 mm (nominal)
B = 141 mm (nominal)
C = 124 mm (nominal)

Dimensions in South Australia

A = 81 mm (nominal)
B = 141 mm (nominal)
C = 124 mm (nominal)

Western Australia

Stock lengths are 7 metres, or custom cut lengths up to 8 metres.

Finishes: COLORBOND® and unpainted ZINCALUME®.

A=83mm (nominal)
B=140mm (nominal)
C=127mm (nominal)

SHEERLINE gutter accessories

Capping
ZL & CB
Not available in WA

General purpose bracket
ZL

SGCI gutter clip
ZL

Also available: J strap or overstrap; Ext mitre.

External end stop
ZL & CB
Fascia style
Not available in WA
Sold in pairs in NSW

Internal end stop
ZL & CB
No flutes in WA product
Sold in pairs in NSW

These accessories are also suitable for CUSTOM ORB, CUSTOM BLUE ORB, SPANDEX and TRIMDEX.

Remember

▲ Accessories
▲ Downpipes
▲ Flashings
▲ Fasteners

Abbreviations

CB = COLORBOND® colours on ZINCALUME® steel
GB = GALVABOND® steel unpainted
DL = ZINCALUME® steel unpainted
Quad 150 and 175 are our traditional gutters in two wider profiles. Quad 150 is compatible with NOVALINE fascia, BMT = 0.42mm.

They are available in COLORBOND® steel colours and unpainted ZINCALUME® steel.

Quad 150
A = 75 mm (nominal)
B = 74 mm (nominal)
C = 150 mm (nominal)
Custom cut lengths are available to 8000 mm.

Quad 175
A = 103 mm (nominal)
B = 96 mm (nominal)
C = 175 mm (nominal)
Custom cut lengths are available to 8000 mm.
Available subject to enquiry.

**Quad gutter accessories**

- **Stop end plate: LH or RH**
  Used with all Quad gutters
  ZL & CB

- **Overstrap**
  Used with all Quad gutters except 175
  ZL

- **Return stop end: LH or RH**
  Used with Hi-front
  GA, ZL & CB

- **Full stop end: LH or RH**
  Used with 150, 175 & Lo-front
  GA, ZL & CB

- **Internal corner: Pressed steel**
  Used with all Quad gutters
  ZL & CB

- **Spike bracket**
  Used with 150 & 175
  GALVAISED & POWDER COATED
  Queensland only

- **External corner: Pressed steel**
  Used with all Quad gutters
  ZL & CB

- **Internal GP bracket**
  Used with all Quad gutters
  ZL

**Abbreviations**

- CB = COLORBOND® colours on ZINCALUME® steel
- GB = GALVABOND® steel unpainted
- ZL = ZINCALUME® steel unpainted

**Remember**

- ▲ Accessories
- ▲ Downpipes
- ▲ Flashings
- ▲ Fasteners
LYSAGHT QUAD 115 gutters:
Hi-front (& Lo-front NSW only)

Quad 115 is also a traditional gutter, and is compatible with NOVALINE fascia. Quad 115 Hi-front gutter better obscures the end of low-to-medium-height roofing profiles from view. BMT = 0.42 mm. Standard COLORBOND® steel colours are available.

In some states this profile is available slotted to prevent water overflowing into eaves during heavy rainfall.

In Victoria, Quad 115 Hi-front is also known simply as Quad gutter. N/A in W.A.

**Hi-front Dimensions**
- A = 62 mm (nominal)
- B = 90 mm (nominal)
- C = 115 mm (nominal)

**Lo-front Dimensions (NSW)**
- A = 65 mm (nominal)
- B = 70 mm (nominal)
- C = 115 mm (nominal)

**Overstrap**
Used with all Quad gutters ZINCALUME

The Queensland Quad 115 Hi-front gutter is fluted.

(Quad 115 is available slotted in SA & NSW)

**LYSAGHT OGEE gutter**

LYSAGHT OGEE gutters offer a distinctive look for any home, and is compatible with NOVALINE fascia.

Available in COLORBOND® steel colours and unpainted ZINCALUME® steel.

**Dimensions in SA and Vic.**
- A = 64 mm (nominal)
- B = 98 mm (nominal)
- C = 145 mm (nominal)

LYSAGHT OGEE is available slotted in S.A.

**OGEE gutter accessories**

**Internal (GP) bracket**
Used with all Quad gutters ZINCALUME

**External T-head bracket**
ZINCALUME & COLORBOND
150 only is available in Qld.

**Stop end plate: LH/ RH pair**
Used with all Quad gutters ZINCALUME & COLORBOND

**Remember**
- Accessories
- Downpipes
- Flashings
- Fasteners

**Abbreviations**
- LB = COLORBOND® colours on ZINCALUME® steel
- UB = GALVABOND® steel unpainted
- PC = Powder coated steel
- ZL = ZINCALUME® steel unpainted
- CB = Not available in WA
LYSAGHT HALF-ROUND gutter

Victoria dimension is 150mm nominal.

Half round gutter is a simple profile, supported by external brackets. Ideal for tropical environments with huge water carrying capacity. Self cleaning with every shower of rain. Available in ZINCALUME®, COLORBOND® & GALVABOND® steel.

A similar product is available in Nth Qld, S.A. and NSW.

FLAT BACK gutter

The curved base on LYSAGHT gutter prevents build up of water and dirt, allowing the gutter to clean itself with every shower of rain.

A similar product is available in S.A. and NSW subject to enquiry.

LYSAGHT FITFAST gutter

The unique mounting bracket provides quick, easy solution to roof overhang. Simply drill a hole and fit the gutter using a bracket and approved fastener.

FITFAST gutter accessories are designed to make installation quick and easy.

Queensland & Victoria

Accessories include mitred corners, fixing brackets and stop ends. Available in ZINCALUME®, COLORBOND® & GALVABOND® steel.

Queensland

Accessories include fixing brackets and stop ends. Available in most standard COLORBOND® steel colours.

Easy fix accessories
• External powdercoated bracket
• External corner
• Internal corner
• 90 mm drop
• 100 mm drop
• Right hand stop end
• Left hand stop end
Available subject to enquiry.

In NSW, similar product sizes available are:
• x = 100, 125, 150, 200, 250, 300mm
Available in 3000mm and 6000mm lengths only, subject to enquiry. Available in ZINCALUME® & COLORBOND® steel.

Abbreviations
CB = COLORBOND® colours on ZINCALUME® steel
GB = GALVABOND® steel unpainted
ZL = ZINCALUME® steel unpainted
LYSAGHT RANCELINE gutter
LYSAGHT COLONIAL gutter

Standard COLORBOND® steel colours are available. Also available stotted.

LYSAGHT Ranceline gutter
LYSAGHT Ranceline slotted
LYSAGHT Ranceline patio

Ranceline gutter accessories

External corner
Stop end
Gutter strap (timber fix)
Gutter strap (metal fix)

LYSAGHT CUSTOM WA gutters
These three gutters are made only in Western Australia. BMT=0.55 mm. They are available in unpainted ZINCALUME®, COLORBOND® colours, COLORBOND® STAINLESS, COLORBOND® METALLIC, copper, aluminium and hard zinc. Maximum length is 8000 mm.

Quarter-round gutter
Half-round gutter
Quad gutter: Square bead

Abbreviations
CB = COLORBOND® colours on ZINCALUME® steel
GB = GALVABOND® steel unpainted
ZL = ZINCALUME® steel unpainted
## Downpipes: Square & rectangular

**LYSAGHT** downpipes are compatible with all gutter sections, including those used with the NOVALINE fascia system.

### NSW
- **Lengths:** 1800 & 2400
- **BMT:** 0.40 & 0.55
- **Finish:** ZL & CB
- **BMT & Dimensions:**
  - 0.40 BMT: 100 x 50, 100 x 75
  - 0.55 BMT: 100 x 100
- **Other sizes available on request. Contact local branch for availability.**

### Victoria
- **Lengths:** 1800 & 2400
- **BMT:**
  - 0.40 BMT: 75 x 50, 75 x 75, 100 x 50, 100 x 75
  - 0.55 BMT: 100 x 100, 150 x 100, 144 x 144, 150 x 150
- **Finish:**
  - ZL: 100 x 50, 100 x 75, 100 x 100
  - CB: 100 x 50, 100 x 75, 100 x 100

### Queensland
- **Whole length is tapered.**
- **Lengths:** 100 x 75: 1600, 1800, 2400, 2700 & 3000
- **All other sizes:** custom cut
- **BMT:** 0.40 & 0.55
- **Finish:**
  - ZL: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
  - CB: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
  - Ultra: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
- **Other sizes:** made to order.

### SA & NT
- **Lengths:** 1800 & 2400
- **BMT:** 0.40 & 0.55
- **Finish:**
  - ZL & CB: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
  - Ultra: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
- **Other sizes:** made to order.

### WA
- **Lengths:** 1800 & 2400
- **BMT:** 0.40 & 0.55
- **Finish:**
  - ZL & CB: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
  - Ultra: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
- **Other sizes:** made to order.

### Tasmania
- **Lengths:** 2400
- **BMT:** 0.60
- **Finish:**
  - ZL & CB: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
  - Ultra: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
- **Other sizes:** made to order.

---

### Abbreviations
- **CB** = COLORBOND® colours on ZINCALUME® steel
- **GB** = GALVABOND® steel unpainted
- **ZL** = ZINCALUME® steel unpainted

---

### Pops
Also known as nozzles in New South Wales and drops in Queensland.

<table>
<thead>
<tr>
<th>NSW</th>
<th>Victoria</th>
<th>Queensland</th>
<th>SA &amp; NT</th>
<th>WA</th>
<th>Tasmania</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 x 50</td>
<td>75 x 50</td>
<td>Universal</td>
<td>50 x 50</td>
<td>75 x 50</td>
<td></td>
</tr>
<tr>
<td>100 x 75</td>
<td>75 x 75</td>
<td>100 x 50</td>
<td>75 x 50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 x 100</td>
<td>100 x 75</td>
<td>125 x 100</td>
<td>100 x 50</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>150 x 100</td>
<td>150 x 100</td>
<td>100 x 75</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>150 x 150</td>
<td>150 x 100</td>
<td>125 x 100</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>144 x 144</td>
<td>150 x 150</td>
<td>150 x 100</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>150 x 150</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

- **Finish:**
  - ZL: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
  - CB: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100
  - Ultra: 50 x 50, 75 x 50, 75 x 75, 100 x 50, 100 x 75, 100 x 100, 125 x 100, 150 x 100

- **Specify loose or fitted to gutter**
Elbows (95°) & Shoes (45°)

Also known as bends in New South Wales and Queensland

<table>
<thead>
<tr>
<th>NSW</th>
<th>Vic.</th>
<th>QLD</th>
<th>SA &amp; NT</th>
<th>WA</th>
<th>Tas.</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 x 50</td>
<td>100 x 50</td>
<td>50 x 50</td>
<td>75 x 50</td>
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<td>100 x 75</td>
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<td>100 x 100</td>
<td>100 x 100</td>
<td>100 x 100</td>
<td>100 x 100</td>
</tr>
</tbody>
</table>

Other sizes made to order.

Specify loose or fitted to gutter 75mm dia. suit PVC also available.

Finish

<table>
<thead>
<tr>
<th>NSW</th>
<th>Vic.</th>
<th>QLD</th>
<th>SA &amp; NT</th>
<th>WA</th>
<th>Tas.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZL, GB &amp; CB</td>
<td>ZL &amp; CB</td>
<td>ZL &amp; CB</td>
<td>ZL &amp; CB</td>
<td>ZL &amp; CB</td>
<td></td>
</tr>
</tbody>
</table>

Straps

Also known as astragals in New South Wales and South Australia, clips in Victoria and saddle straps in Western Australia. The sizes available are the same as those shown for pops.

In Victoria and Western Australia, additional sizes are available on request.

Downpipe offsets (2 piece)

<table>
<thead>
<tr>
<th>NSW</th>
<th>Vic.</th>
<th>QLD</th>
<th>SA &amp; NT</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 x 50</td>
<td>100 x 50</td>
<td>100 x 50</td>
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<td>100 x 75</td>
<td>100 x 75</td>
<td>100 x 75</td>
<td>50 x 50</td>
</tr>
<tr>
<td>100 x 100</td>
<td>100 x 100</td>
<td>100 x 100</td>
<td>50 x 75</td>
</tr>
<tr>
<td>125 x 100</td>
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<td>125 x 100</td>
<td>75 x 75</td>
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<td>100 x 100</td>
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</table>

Finish

<table>
<thead>
<tr>
<th>NSW</th>
<th>Vic.</th>
<th>QLD</th>
<th>SA &amp; NT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZL &amp; CB</td>
<td>ZL &amp; CB</td>
<td>ZL &amp; CB</td>
<td>ZL &amp; CB</td>
</tr>
</tbody>
</table>

Adjustable Length 300-645mm (345 adjustment)

Remember

- Accessories
- Downpipes
- Flashings
- Fasteners

Abbreviations

CB = COLORBOND® colours on ZINCALUME® steel
GB = GALVABOND® steel unpainted
ZL = ZINCALUME® steel unpainted
**Downpipes: Round**

**Downpipes**

<table>
<thead>
<tr>
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<th>Vic.</th>
<th>Qld: Tapered</th>
<th>SA &amp; NT</th>
<th>WA</th>
<th>Tas.</th>
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</thead>
<tbody>
<tr>
<td><strong>Lengths</strong></td>
<td>1800 &amp; 2400</td>
<td>1800 &amp; 2400</td>
<td>Whole length is tapered.</td>
<td></td>
<td></td>
<td>Custom cut available.</td>
</tr>
<tr>
<td><strong>BMT</strong></td>
<td>75 to 100 dia: 0.40</td>
<td>75 to 100 dia: 0.40</td>
<td>For all diameters: 0.40</td>
<td>BMT 0.40 &amp; 0.55</td>
<td>BMT 0.60</td>
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</tr>
<tr>
<td></td>
<td>100 to 150 dia: 0.55</td>
<td>100 to 150 dia: 0.55</td>
<td>75 &amp; above: 0.40</td>
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**Dimensions & Finish**

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<tr>
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<th>ZL &amp; CB</th>
<th>ZL &amp; CB</th>
<th>ZL, GB &amp; CB</th>
<th>ZL, GB &amp; CB</th>
<th>ZL &amp; GB</th>
<th>ZL &amp; GB</th>
</tr>
</thead>
<tbody>
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<td>Diameter</td>
<td>Diameter</td>
<td>Diameter</td>
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<tr>
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<td>50</td>
<td>50</td>
<td>50</td>
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<td></td>
<td>100</td>
<td>125</td>
<td>175</td>
<td>200</td>
<td>225</td>
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<td>275</td>
<td>300</td>
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**Queensland: Parallel**

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<td>(dia.) &amp; BMT</td>
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<tr>
<td></td>
<td>75 dia: 0.40</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>100 dia: 0.40</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>100 dia: 0.55</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>125 dia: 0.55</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>150 dia: 0.55</td>
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<td></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
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</tr>
<tr>
<td></td>
<td>(Some sizes available in</td>
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</tr>
<tr>
<td></td>
<td>CB Ultra)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Abbreviations**

- **CB** = COLORBOND® colours on ZINCALUME® steel
- **GB** = GA/ABOND® steel unpainted
- **ZL** = ZINCALUME® steel unpainted

**Remember**

- Accessories
- Downpipes
- Flashings
- Fasteners
Pops/Nozzles/Drops

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>ZL</td>
</tr>
<tr>
<td>90</td>
<td>ZL &amp; GB</td>
</tr>
<tr>
<td>100</td>
<td>ZL &amp; CB</td>
</tr>
</tbody>
</table>

Universal nozzles also available in NSW to suit 100 x 75mm or 100 x 90mm.

Victoria

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>ZL &amp; GB</td>
</tr>
<tr>
<td>65</td>
<td>ZL &amp; GB</td>
</tr>
<tr>
<td>75</td>
<td>ZL &amp; GB</td>
</tr>
<tr>
<td>90</td>
<td>ZL &amp; GB</td>
</tr>
<tr>
<td>100</td>
<td>ZL &amp; GB</td>
</tr>
<tr>
<td>125</td>
<td>ZL &amp; GB</td>
</tr>
<tr>
<td>150</td>
<td>ZL &amp; GB</td>
</tr>
</tbody>
</table>

Queensland

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal</td>
<td>ZL &amp; CB</td>
</tr>
</tbody>
</table>

SA & NT

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-75-90</td>
<td>GB, ZL, CB</td>
</tr>
<tr>
<td>100-125-150</td>
<td>GB, ZL, CB</td>
</tr>
</tbody>
</table>

WA

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-65-70</td>
<td>GB, ZL, CB</td>
</tr>
<tr>
<td>100</td>
<td>GB, ZL, CB</td>
</tr>
</tbody>
</table>

Tasmania

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>GB, ZL, CB</td>
</tr>
<tr>
<td>100</td>
<td>GB, ZL, CB</td>
</tr>
</tbody>
</table>

Elbows (95°) & Shoes (45°)

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>135</td>
<td>ZL, GB &amp; CB</td>
</tr>
</tbody>
</table>

Also known as bends in New South Wales and Queensland.

<table>
<thead>
<tr>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>ZL, GB &amp; CB</td>
</tr>
</tbody>
</table>

Elbows (95°) & Shoes (45°)

NSW

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>65</td>
<td>ZL, GB &amp; CB</td>
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<tr>
<td>75</td>
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<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>100</td>
<td>ZL, GB &amp; CB</td>
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</tbody>
</table>

Victoria

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>65</td>
<td>ZL, GB &amp; CB</td>
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<td>75</td>
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<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>100</td>
<td>ZL, GB &amp; CB</td>
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</tbody>
</table>

Queensland

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal</td>
<td>ZL, GB &amp; CB</td>
</tr>
</tbody>
</table>

SA & NT

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>65 (not SA)</td>
<td>ZL, GB &amp; CB</td>
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<tr>
<td>75</td>
<td>ZL, GB &amp; CB</td>
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<tr>
<td>90 (pressed bend diecast)</td>
<td>ZL, GB &amp; CB</td>
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<td>100</td>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>125</td>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>150 (not NT)</td>
<td>ZL, GB &amp; CB</td>
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WA

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<tbody>
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<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>75</td>
<td>ZL, GB &amp; CB</td>
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</tbody>
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Tasmania

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>ZL, GB &amp; CB</td>
</tr>
<tr>
<td>100</td>
<td>ZL, GB &amp; CB</td>
</tr>
</tbody>
</table>

Straps

Also known as astragals in New South Wales and South Australia, clips in Victoria and saddle straps in WA.
The sizes available are the same as those shown for pops.
In Victoria there is also a 170mm diameter clip.
In Western Australia 75mm strapping is used (1800mm lengths).

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>ZL, GB &amp; CB</td>
</tr>
</tbody>
</table>

More downpipe accessories on next page
Downpipe offsets (2 piece).

NSW
- Refer NSW Service Offer for details.
- Finish Refer NSW Service Offer for details.
  - Diameter 65
  - 75
  - 90
  - 100
  - Finish ZL, GB & CB

Victoria
- Diameter 65
- 75
- 90
- 100
- Finish ZL, GB & CB

Queensland
- Diameter 50
- 75
- Other sizes made to order.
- Finish ZL & CB

SA
- Diameter 50-75-90
- 100-125-150
- POA in S.A.
- Finish ZL, GB & CB

WA
- Diameter 75
- Finish ZL, GB & CB

Crimped bend 90 & 45 degrees

NSW
- Diameter 75
- 90
- 100
- Subject to enquiry.
- Finish ZL & CB

Standoff brackets

SA
- Diameter 75-90-100
- 125-150 unpainted

WA & NSW
- Diameter 75 -100
- Galvanised only
- Non-standard subject to enquiry.

Chinamans hat

NSW
- Diameter (On short pipe) 150
- 175
- 200
- 225
- 250
- 300
- 350
- 400
- Finish GB
- Finish ZL, GB & CB

Queensland
- Diameter (On short pipe) 75
- 90
- 100
- 125
- 150
- 175
- 200
- 225
- 250
- 300
- Finish GB
- Finish ZL, GB & CB

SA
- Diameter (On short pipe) Made to order 75-100-125
- 150-300
- Other sizes available on request.
- Finish GB & CB

WA
- Diameter Known as cap with strap 100
- 150
- 200
- Finish GB

WA Flumes with base

- Known as cap with strap 450mm
- 450mm
- 150mm diameter
- Nominate roof pitch
- Available in COLORBOND® & ZINCALUME®

Remember

- Accessories
- Downpipes
- Flashings
- Fasteners

Abbreviations

CB = COLORBOND® colours on ZINCALUME® steel
GB = GA.VABOND® steel unpainted
ZL = ZINCALUME® steel unpainted
### Accessory sheet

<table>
<thead>
<tr>
<th>NSW</th>
<th>Vic.</th>
<th>Qld</th>
<th>SA &amp; NT</th>
<th>WA</th>
<th>Tas.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMT 0.55</td>
<td>BMT 0.55</td>
<td>BMT 0.40 &amp; 0.55</td>
<td>BMT 0.55</td>
<td>BMT 0.40 &amp; 0.55</td>
<td>BMT 0.55</td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td><strong>Dimensions</strong></td>
<td><strong>Materials</strong></td>
<td><strong>Dimensions</strong></td>
<td><strong>Materials</strong></td>
<td><strong>Dimensions</strong></td>
</tr>
<tr>
<td>• ZL</td>
<td>1800 x 900 1800 x 1200 2400 x 900 2400 x 1200</td>
<td>ZL, CB, GB &amp; stainless</td>
<td>To order</td>
<td>• ZL</td>
<td>To order</td>
</tr>
<tr>
<td><strong>coating</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>Single-sided CB</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>AQUAPLATE CB</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Flat strips (hoop iron)

<table>
<thead>
<tr>
<th>Materials Qld: ZL or GB WA: GB</th>
<th>Dimensions &amp; lengths 0.6 x 25 &amp; 0.6 x 38 1800 &amp; 2400</th>
<th>Dimensions &amp; lengths 0.8 x 25 2400</th>
<th>Dimensions &amp; lengths 1.0 x 25 2400</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NSW</strong></td>
<td><strong>Vic.</strong></td>
<td><strong>Qld</strong></td>
<td><strong>SA</strong></td>
</tr>
<tr>
<td>25 x 1.0 x 100m</td>
<td>32 x 1.2 x 100m</td>
<td>30 x 1.0 x 30m</td>
<td>25 x 0.6 x 100m</td>
</tr>
<tr>
<td>32 x 1.0 x 100m</td>
<td>38 x 1.2 x 100m</td>
<td>32 x 1.2 x 50m</td>
<td>32 x 1.2 x 25m</td>
</tr>
<tr>
<td>32 x 1.0 x 100m</td>
<td>38 x 1.6 x 100m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32 x 1.6 x 100m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>38 x 1.2 x 50m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 x 1.6 x 25m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Strapping (coils)

<table>
<thead>
<tr>
<th>NSW</th>
<th>Vic.</th>
<th>Qld</th>
<th>SA</th>
<th>NT</th>
<th>Tas.</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 x 1.0 x 100m</td>
<td>32 x 1.2 x 100m</td>
<td>30 x 1.0 x 30m</td>
<td>25 x 0.6 x 100m</td>
<td>25 x 0.6</td>
<td>25 x 1.0</td>
</tr>
<tr>
<td>32 x 1.0 x 100m</td>
<td>38 x 1.2 x 100m</td>
<td>32 x 1.2 x 50m</td>
<td>32 x 1.2 x 25m</td>
<td>51 x 1.6 x 25m</td>
<td>51 x 1.6</td>
</tr>
<tr>
<td>32 x 1.0 x 100m</td>
<td>38 x 1.6 x 100m</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32 x 1.6 x 100m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>38 x 1.2 x 50m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 x 1.6 x 25m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 x 1.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

LYSAGHT Product Catalogue – 2010 Edition

34
Silicone sealant

Colours
- Neutral cure.
- Clear, grey & other colours.
- Clear & grey only in NSW, SA & Qld.
- Only clear in Vic.

Sizes
- Single tubes
- (Cartons of 20 tubes in some centres)

Soft zinc flashing
This material is ZL & CB compatible

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Length</th>
<th>Widths</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7 mm</td>
<td>6 metre rolls</td>
<td>110, 150, 230, 300, 380, 460, 580 mm</td>
</tr>
</tbody>
</table>

Tools (turn-up/turn-down) & notching tools

<table>
<thead>
<tr>
<th>Tools</th>
<th>CUSTOM ORB</th>
<th>INTEGRITY 820</th>
<th>KLIP-LOK 700 HS</th>
<th>SPANDEK</th>
<th>TRIMDEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speednotcher</td>
<td>(Qld only) Turn up Turn down Speednotcher</td>
<td>Turn up Turn down Speednotcher</td>
<td>Turn up/down Speednotcher Button punch Rib closing tool End-lap tool</td>
<td>Turn up Speednotcher</td>
<td>Turn up Turn down Speednotcher</td>
</tr>
</tbody>
</table>

Not all tools are available in all areas. Refer to your local service office for availability.

Abbreviations
- CB = COLORBOND® colours on ZINCALUME® steel
- CU = Copper unpainted
- GB = GALVABOND® steel unpainted
- SS = Stainless steel unpainted
- ZL = ZINCALUME® steel unpainted
- All measurements are millimetres
## Ventilated ridges

All ventilator ridges are custom made to order.

### NSW

**Materials**
- ZL, CB

**Throat sizes**
- 300
- 350
- 400
- 450
- 500
- 550
- 600

**Closed top**
- Supplied unassembled.

**Open top**

### Vic

**Materials**
- ZL, CB, GB, Cu, SS

**Throat sizes**
- 150
- 225
- 300

**Stop ends**
- Supplied loose.

**TC series**

**MX series**

### Qld

**Materials**
- ZL, CB

**Throat sizes**
- 80
- 90
- 100
- 120
- 150
- 225
- 300

**Stop ends**
- Supplied loose or fitted.

### SA & NT

**Materials**
- ZL, CB

**Throat sizes**
- 125
- 150
- 200
- 250
- 300
- 350
- 450
- 600

**Stop ends**
- Supplied loose.

### WA

**Materials**
- ZL, CB, ULTRA & SS

**Throat sizes**
- 150, 200, 300, 400

**Stop ends**
- Supplied loose or fitted.

**Options**
- Dampers
- Heavy duty brackets
- Stop ends
- Bird-proofing

### Tasmania

**Materials**
- ZL, CB

**Throat sizes**
- 125
- 150
- 225
- 300

**Stop ends**
- Supplied loose or fitted.

### WA ventilator ridges

Slope vents are supplied assembled; others are usually knocked-down. For quote or order state:

1. Type
2. Throat size
3. Material
4. Roof pitch
5. Roof profile
6. Number of stop ends
7. Bird-proofing
8. Dampers

### Louvres

**Available**
- SA, NT & WA

**Material**
- 0.6 mm GB

**Finish**
- Powdercoating CB.
  - In WA: ZL, CB, ULTRA, SS
  - Ask about non-standard sizes and shapes (including triangular)

**Sizes**

**Round**
- 340 mm dia
- 620 mm dia

**Half-round**
- 900 x 500

**Octagonal**
- 620 mm dia

**Square & Rectangular**

Ask for non-standard sizes.
**Box gutter brackets**

<table>
<thead>
<tr>
<th>Vic &amp; NSW</th>
<th>Qld</th>
<th>SA &amp; NT (Called straps &amp; saddles)</th>
<th>WA (Called Adjustable straps &amp; saddles)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Construction</strong></td>
<td>Adjustable</td>
<td>Spot welded &amp; adjustable</td>
<td>Adjustable</td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td>ZL</td>
<td>ZL</td>
<td>ZL</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>Size 1: 250–400</td>
<td>Up to and including:</td>
<td>Small: 250–400</td>
</tr>
<tr>
<td></td>
<td>Size 2: 400–650</td>
<td>Size 2: 400–650</td>
<td>Medium: 400–650</td>
</tr>
</tbody>
</table>

**Box gutter sumps**

<table>
<thead>
<tr>
<th>Vic &amp; NSW</th>
<th>Qld</th>
<th>SA &amp; NT</th>
<th>WA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Materials</strong></td>
<td>ZL &amp; CB</td>
<td>GB, ZL &amp; CB</td>
<td>ZL &amp; CB</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>Custom made to order</td>
<td>Custom made to order</td>
<td>Any size to order</td>
</tr>
<tr>
<td><strong>Sizes</strong></td>
<td>All 150 deep</td>
<td>300 x 225 x 225</td>
<td>250 x 250 x 100</td>
</tr>
<tr>
<td></td>
<td>200 x 200</td>
<td>300 x 300</td>
<td>300 x 250 x 100</td>
</tr>
<tr>
<td></td>
<td>300 x 300</td>
<td>400 x 400</td>
<td>375 x 225 x 225</td>
</tr>
<tr>
<td></td>
<td>450 x 450</td>
<td>450 x 450</td>
<td>450 x 300 x 300</td>
</tr>
<tr>
<td></td>
<td>500 x 500</td>
<td>500 x 500</td>
<td>600 x 600 x 100</td>
</tr>
<tr>
<td></td>
<td>550 x 550</td>
<td>550 x 550</td>
<td>Ask about non-standard</td>
</tr>
<tr>
<td></td>
<td>600 x 600</td>
<td>600 x 600</td>
<td></td>
</tr>
</tbody>
</table>

**Box gutter expansion joints**

<table>
<thead>
<tr>
<th>Qld, WA &amp; NSW</th>
<th>Vic &amp; NSW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Custom made to your drawing.</strong></td>
<td><strong>Angle to suit roof pitch</strong></td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td>ZL &amp; CB</td>
</tr>
<tr>
<td><strong>Lengths</strong></td>
<td>Up to 400mm</td>
</tr>
<tr>
<td></td>
<td>Over 400mm</td>
</tr>
</tbody>
</table>

---

**Abbreviations**

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- SS = Stainless steel unpainted
- ZL = ZINALUME® steel unpainted

All measurements are millimetres.
Rainwater heads

**NSW**

Refer to the Service Offer for details.

**Vic**

Materials
ZL & CB

Sizes
Custom made to order

**Qld**

Material
GB, ZL & CB

Sizes
Custom made to order

Contact SA branch for details on the full rainwater head range.

**SA & NT**

Materials
ZL, GB & CB

**WA**

Materials
ZL, GB & CB

Sizes

- Flat bottom
  - 300 x 750 x 150
  - 375 x 225 x 225
  - 600 x 300 x 300

- Tapered bottom
  - 250 x 200
  - 300 x 200
  - 400 x 250
  - 450 x 300
  - 600 x 450

Contact SA branch for details on the full rainwater head range.

Transitions, roof collars & overflows

**Queensland**

Materials
ZL & CB

Sizes
Custom made to order
Fixed metal louvres

Queensland
NSW and W.A.

Materials
ZL, GB & CB

Sizes
Qld: 1200 (H) x 900 (W) x 75 (D)
NSW & WA: Custom made to order.

Translucent sheeting (Contact local branch for availability)

<table>
<thead>
<tr>
<th>Material</th>
<th>Lengths</th>
<th>Fastening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polycarbonate</td>
<td>1800, 2400, 3000, 3600, 4200, 4800, 5400, 6000, 7200</td>
<td>All screws should have 32mm Weatherlok® washers.</td>
</tr>
<tr>
<td>Fibreglass</td>
<td>900 to 12200</td>
<td>Weatherlok® is a registered trademark of ITW Buildex.</td>
</tr>
</tbody>
</table>

Materials
- Fibreglass 2400 g/m² (1800 g/m² & 3050 g/m² subject to enquiry)
- Polycarbonate Clear, Opal, bronze & grey (Other colours subject to enquiry)

Abbreviations
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- SS = Stainless steel unpainted
- ZL = ZINCALUME® steel unpainted

Weatherlok washers
For use under the head of fasteners fixing translucent sheeting. (Allow 10mm extra length for screws.)

Diameter
- 20 mm
- 32 mm

Lapseal
Lapseal is a tape for sealing and weatherproofing placed under translucent sheeting, on top of purlins, to prevent cracking noises from expansion.

Width
- 50 mm
- 75 mm
- 100 mm

Thickness
- 6 mm

Length
- 11.7 metres
Ant caps

Queensland & WA

Queensland only

Old
Materials
2L & CB

WA
Materials
2L & CB

Sizes square
200 x 200
225 x 225
250 x 250
300 x 300

Sizes round
200 diameter
250 diameter
300 diameter

Dektite® pipe flashings

Available in EPDM (Red, black or grey in WA, Black or grey in NSW)
Retrofit type also available subject to enquiry.

Refer to your Region’s service offer for sizes, shapes and availability.
Dektite® is a registered trademark of Dek Industries Pty Ltd.

Roof infill strips (closed cell type)
Except for CUSTOM ORB and SPANDEK, specify top or bottom.

CUSTOM ORB profile shown

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>All profiles</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

We also have infills for FLATDEK and FLATDEK II, but these are in rolls.
Safety mesh

<table>
<thead>
<tr>
<th>Mesh</th>
<th>Roll width</th>
<th>Roll length</th>
<th>Roll area</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 x 115 x 1.25</td>
<td>1800</td>
<td>50 metres</td>
<td>90 m²</td>
</tr>
<tr>
<td>150 x 150 x 1.6</td>
<td>1800</td>
<td>50 metres</td>
<td>N/A in SA.</td>
</tr>
<tr>
<td>150 x 300 x 2</td>
<td>1800</td>
<td>50 metres</td>
<td>N/A in SA.</td>
</tr>
<tr>
<td>150 x 300 x 3.15</td>
<td>900</td>
<td>60 metres</td>
<td>54 m²</td>
</tr>
</tbody>
</table>

Complies with AS4389:1996

Minimum thickness 2.0mm

Ventilators: Industrial & Domestic

Wind-driven ventilators
Models and sizes vary from region to region. Enquire on product availability from your local service centre.

Material
Aluminium

Finish
Most COLORBOND® steel colours

Throat diameters
Model number usually indicates diameter in mm

Options
Include electrically-controlled dampers
Fasteners: Screw to steel–AS3566 Class 4
(except as noted)

Refer to regional product offers for details of all available fasteners. Selection on these pages is an indicative but not comprehensive selection. Class 3 fasteners not available in Queensland. All other states, refer to local office for availability.

Most fasteners, except those zinc plated, are available powder-coated to match COLORBOND® steel colours. Refer to AS3566 Class 4 Fasteners used should be BlueScope Lysaght approved.

<table>
<thead>
<tr>
<th>Coating Class 4</th>
<th>Gauge</th>
<th>TPI</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self drilling screw for thin gauge steel (with underwasher thread) with seal</td>
<td>13</td>
<td>13</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>13</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>15</td>
<td>55</td>
</tr>
</tbody>
</table>

| Hex. head Self drilling screw with seal (part thread) | 14    | 10  | 42          |
|                                                      | 14    | 10  | 50          |
|                                                      | 14    | 10  | 65          |

| Stitching screws | Hex. head with seal | 10    | 12  | 20          |

| Hex. head with 19 mm aluminium bonded washer | 14    | 10  | 42          |
|                                               | 14    | 10  | 50          |
|                                               | 14    | 10  | 65          |

Fasteners we recommend for our products are specified in our individual product publications.

<table>
<thead>
<tr>
<th>Zinc plated</th>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wafer head</td>
<td>10</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>16</td>
<td>22</td>
</tr>
</tbody>
</table>

| Hex. head, no seal | 8     | 18  | 12     |
|                   | 10    | 16  | 16     |

<table>
<thead>
<tr>
<th>Coating Class 3 coated</th>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wafer head</td>
<td>10</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>16</td>
<td>22</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ripple Teks®</th>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10</td>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>16</td>
<td>30</td>
</tr>
</tbody>
</table>

Ripple Teks® and Roofzips® are registered trademarks of ITW Buildex.
Fasteners: Screw to timber

Refer to New South Wales for details of available fasteners. Class 3 fasteners not available in Queensland. All other states, refer to local office.

All fasteners, except those zinc plated, are available powder-coated to match COLORBOND® colours.

### Coating class 3 coated

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>11</td>
<td>50</td>
</tr>
<tr>
<td>12</td>
<td>11</td>
<td>65</td>
</tr>
</tbody>
</table>

Hex. head with thread under washer with seal

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>12</td>
<td>25</td>
</tr>
<tr>
<td>12</td>
<td>11</td>
<td>25</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>25</td>
</tr>
</tbody>
</table>

Hex. head with seal (full thread)

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>11</td>
<td>45</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>65</td>
</tr>
</tbody>
</table>

Hex. head with seal (part thread)

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>12</td>
<td>25</td>
</tr>
<tr>
<td>12</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>25</td>
</tr>
</tbody>
</table>

Hex. head, no seal (full thread)

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>11</td>
<td>25</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>65</td>
</tr>
</tbody>
</table>

Hex. head, no seal (part thread)

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>11</td>
<td>45</td>
</tr>
<tr>
<td>12</td>
<td>11</td>
<td>50</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>65</td>
</tr>
</tbody>
</table>

Ripple Teks® screws (30 mm) are used for fixing MINI ORB to timber — see previous page for sizes.

### Coating class 4 coated

Roofzips® Hex. head Self drilling screw for steel or timber (with underwasher thread) with seal

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12(M6)</td>
<td>11</td>
<td>50mm</td>
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</tbody>
</table>

Hex. head with thread under washer with seal

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>11</td>
<td>65</td>
</tr>
</tbody>
</table>

Hex. head with seal

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>11</td>
<td>25</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
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<td>10</td>
<td>50</td>
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<td>14</td>
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<td>10</td>
<td>75</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>90</td>
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</table>

Hex. head with 16 mm aluminium bonded washer

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>65</td>
</tr>
</tbody>
</table>

Hex. head with 19 mm aluminium bonded washer

<table>
<thead>
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<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>65</td>
</tr>
</tbody>
</table>

Hex. head with 25 mm aluminium bonded washer

<table>
<thead>
<tr>
<th>Gauge</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>65</td>
</tr>
</tbody>
</table>

Fasteners we recommend for our products are specified in our product publications.

### Zinc plated

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<thead>
<tr>
<th>Gauge</th>
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<tr>
<td>10</td>
<td>12</td>
<td>25</td>
</tr>
<tr>
<td>10</td>
<td>12</td>
<td>45</td>
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Wafer head

<table>
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<tr>
<td>6</td>
<td>18</td>
<td>25</td>
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Countersunk head (N/A in Queensland)

<table>
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<tr>
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<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>14</td>
<td>10</td>
<td>100</td>
</tr>
</tbody>
</table>

Bugle head batten

<table>
<thead>
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<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>12</td>
<td>25</td>
</tr>
</tbody>
</table>

### Fastener drive tools

<table>
<thead>
<tr>
<th>Across flats</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexagon sockets</td>
<td></td>
</tr>
<tr>
<td>5/16 inch</td>
<td>45</td>
</tr>
<tr>
<td>5/16 inch</td>
<td>65</td>
</tr>
<tr>
<td>2/8 inch</td>
<td>65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Across flats</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phillips drive bits</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td>50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetic bit holder</td>
</tr>
</tbody>
</table>

LYSAGHT Product Catalogue – 2010 Edition 43
Fasteners: Cyclonic assemblies—Screw to steel

For fixing without cyclonic assemblies, see LYSAGHT Cyclonic Design Manual. Cyclonic assemblies are available in WA, NT and Qld.

<table>
<thead>
<tr>
<th>Coating class 4 coated</th>
<th>Coating class 4 coated</th>
<th>Coating class 3 or 4 coated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauge TPI Length</td>
<td>Gauge TPI Length</td>
<td>Gauge TPI Length</td>
</tr>
</tbody>
</table>

For CUSTOM ORB
- 14 10 42
- Metal Batten Tek®
  for CUSTOM ORB
  15 15 47

For SPANDEK & TRIMDEK
- 14 10 50
- Metal Batten Tek®
  for SPANDEK & TRIMDEK
  15 15 55

For KLIP-LOK 406 HIGH WIND
- 14 10 65
- Metal Batten Tek®
  for KLIP-LOK 406 HIGH WIND
  15 15 47

Fasteners: Cyclonic assemblies—Screw to timber

Available in WA, NT and Qld only.

<table>
<thead>
<tr>
<th>Coating class 4 coated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauge TPI Length</td>
</tr>
</tbody>
</table>

Hex. head for
- SPANDEK & TRIMDEK
  14 10 65 HARDWOOD
  14 10 75 SOFTWOOD

Hex. head for
- KLIP-LOK 406 HIGH WIND
  14 10 75 HARDWOOD
  14 10 90 SOFTWOOD

Fasteners: Nails to timber

Refer to your local region’s Service Offer for details of available fasteners.

Galvanised spiral-threaded steel nail

- 3.75 diameter x 40 long HARDWOOD
- 3.75 diameter x 60 long SOFTWOOD

Fasteners: Blind rivets

Refer to your local region’s Service Offer for details of available fasteners.

<table>
<thead>
<tr>
<th>Body</th>
<th>Mandrel</th>
<th>Dia.</th>
<th>Grip</th>
<th>Type</th>
<th>Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>Steel</td>
<td>3.2</td>
<td>8</td>
<td>Plain</td>
<td>Button</td>
</tr>
</tbody>
</table>
Insulation: Reflective foil laminate
Refer to New South Wales or Queensland Service Offer for details. All other states, refer to local sales office.

Lightweight
Plain facing
1350 x 20 m (27 m²)
1350 x 60 m (81 m²)

Anti-glare facing
1350 x 20 m (27 m²)
1350 x 30 m (40.5 m²)
1350 x 60 m (81 m²)

Building grade–Anti-glare
1350 x 20 m (27 m²)
1350 x 30 m (40.5 m²)
1350 x 60 m (81 m²)

Mediumweight
Plain facing
1350 x 20 m (27 m²)
1200 x 60 m (72 m²)
1350 x 60 m (81 m²)

Anti-glare facing
1350 x 20 m (27 m²)
1350 x 30 m (40.5 m²)
1350 x 60 m (81 m²)

Perforated
1350 x 60 m (81 m²)

Sisaltuff
1350 x 60 m (81 m²)

Heavyweight
Plain facing
1350 x 20 m (27 m²)
1200 x 60 m (72 m²)
1350 x 60 m (81 m²)

Anti-glare facing
1350 x 20 m (27 m²)
1350 x 30 m (40.5 m²)
1350 x 60 m (81 m²)

Perforated
1350 x 60 m (81 m²)

Gladiator wallwrap
1350 x 60 m (81 m²)

Thermotuff wallwrap
1350 x 60 m (81 m²)

Insulation: Building blanket with foil
Lightweight foil facing
R1.5 1200 x 15 m (18 m²)
R1.5 1200 x 20 m (24 m²)
R2.0 1200 x 10 m (12 m²)
R2.0 1200 x 15 m (18 m²)
R2.5 1200 x 10 m (12 m²)

Mediumweight foil facing
R1.5 1200 x 15 m (18 m²)
R1.5 1200 x 20 m (24 m²)
R2.0 1200 x 10 m (12 m²)
R2.0 1200 x 15 m (18 m²)
R2.5 1200 x 10 m (12 m²)

Heavyweight foil facing
R1.5 1200 x 15 m (18 m²)
R1.5 1200 x 20 m (24 m²)
R2.0 1200 x 10 m (12 m²)
R2.0 1200 x 15 m (18 m²)
R2.5 1200 x 10 m (12 m²)
R2.5 1200 x 7.5 m (9 m²)

Insulation: Building blanket
Lightweight
R1.2 1200 x 15 m (18 m²)
R1.2 1200 x 20 m (24 m²)
R1.2 1200 x 30 m (36 m²)
R1.8 1200 x 10 m (12 m²)
R1.8 1200 x 15 m (18 m²)
R1.8 1200 x 20 m (24 m²)
R2.3 1200 x 10 m (12 m²)
75 mm 1200 x 20 m (24 m²)

Mediumweight
R1.5 1200 x 15 m (18 m²)
R1.5 1200 x 20 m (24 m²)
R2.0 1200 x 10 m (12 m²)
R2.0 1200 x 15 m (18 m²)
R2.5 1200 x 10 m (12 m²)

Heavyweight
R1.5 1200 x 15 m (18 m²)
R1.5 1200 x 20 m (24 m²)
R2.0 1200 x 10 m (12 m²)
R2.0 1200 x 15 m (18 m²)
R2.5 1200 x 10 m (12 m²)
R2.5 1200 x 7.5 m (9 m²)

Insulation: Ceiling batts
R2.0 1160 x 430 16 per pack (8 m³)
R2.0 1160 x 580 16 per pack (10.8 m³)
R2.5 1160 x 430 16 per pack (8 m³)
R2.5 1160 x 580 16 per pack (10.8 m³)
R3.0 1160 x 580 16 per pack (10.8 m³)

Insulation: Wall bats
R2.0 1160 x 430 16 per pack (8 m³)
R2.0 1160 x 580 16 per pack (10.8 m³)
R1.5 1170 x 430 30 per pack (15 m³)
R1.5 1170 x 580 26 per pack (17.5 m³)
R2.0 1160 x 580 8 per pack (5 m³)

Insulation: Foil Tape
Reinforced foil, 48 mm wide

LYSAGHT Product Catalogue – 2010 Edition
45
LYSAGHT ZEDS & CEES (Purlins & Girts)

LYSAGHT Zed and Cee sections are accurately roll-formed from high-strength zinc-coated steel to provide an efficient, lightweight, economical roofing and cladding support system for framed structures.

The system includes HOOK-LOK™ II bridging, Series 300 and 350 bridging and a wide range of accessories. It is supplied ready for erection.

Material specifications
LYSAGHT Zed and Cee sections are roll-formed from GALVASPAN® steel complying with AS1397—2001. In the grades shown, the number prefixed with G indicates minimum yield stress in MPa; and the number prefixed with Z indicates minimum coating mass in g/m².

- 1.0 mm BMT: G550, Z350*
- 1.2 mm BMT: G500, Z350*
- 1.5, 1.9, 2.4 and 3.0 mm BMT: G450, Z350*

* Z450 may be available by special request.

Queensland use AZ150 material for C/Z10010 sections. Refer to local supplier.

Punching
Zed and Cee sections are normally supplied with holes punched to the Australian Steel Institute (ASI) gauge lines, except in Victoria where the 150 series sections are punched to the gauge lines of the Structural Steel Fabricators Association, Victoria.

Dimensions of Zeds & Cees

<table>
<thead>
<tr>
<th>Catalogue number</th>
<th>t mm</th>
<th>D mm</th>
<th>Mass per unit length kg/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z/C10010</td>
<td>1.0</td>
<td>102</td>
<td>1.78</td>
</tr>
<tr>
<td>Z/C10012</td>
<td>1.2</td>
<td>102</td>
<td>2.10</td>
</tr>
<tr>
<td>Z/C10015</td>
<td>1.5</td>
<td>102</td>
<td>2.62</td>
</tr>
<tr>
<td>Z/C10019</td>
<td>1.9</td>
<td>102</td>
<td>3.29</td>
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<tr>
<td>Z/C15012</td>
<td>1.2</td>
<td>152</td>
<td>2.89</td>
</tr>
<tr>
<td>Z/C15015</td>
<td>1.5</td>
<td>152</td>
<td>3.59</td>
</tr>
<tr>
<td>Z/C15019</td>
<td>1.9</td>
<td>152</td>
<td>4.51</td>
</tr>
<tr>
<td>Z/C15024</td>
<td>2.4</td>
<td>152</td>
<td>5.70</td>
</tr>
<tr>
<td>Z/C20015</td>
<td>1.5</td>
<td>203</td>
<td>4.49</td>
</tr>
<tr>
<td>Z/C20019</td>
<td>1.9</td>
<td>203</td>
<td>5.74</td>
</tr>
<tr>
<td>Z/C20024</td>
<td>2.4</td>
<td>203</td>
<td>7.24</td>
</tr>
<tr>
<td>Z/C25019</td>
<td>1.9</td>
<td>254</td>
<td>6.50</td>
</tr>
<tr>
<td>Z/C25024</td>
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<td>254</td>
<td>8.16</td>
</tr>
<tr>
<td>Z/C30024</td>
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<td>10.09</td>
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<tr>
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<td>15.23</td>
</tr>
<tr>
<td>Z/C40024</td>
<td>2.4</td>
<td>400</td>
<td>13.13</td>
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<tr>
<td>Z/C40030</td>
<td>3.0</td>
<td>400</td>
<td>16.42</td>
</tr>
</tbody>
</table>

Above 100 size, the standard product offer is a LYSAGHT SUPAPURLIN in NSW, SA and South East Qld. Z/C10024 - Z/C40030 are available subject to enquiry in WA & NT. Z/C15010, Z/C15012, Z/C15015, Z/C20012, Z/C25015 and Z/C30019 subject to enquiry in SA. Z/C400 sizes are only available in Queensland and are subject to enquiry and extended lead times.

LYSAGHT SA Cee section
Available in South Australia only. Supplied unpunched.
LYSAGHT SUPAPURLINS

LYSAGHT SUPAPURLINS® are the new purlin profiles that give you higher capacities and more economical solutions.

BlueScope Lysaght has patented SUPAZED® and SUPACEE® because it is the first significant development in the field for a very long time.

**SUPAZEDS** and **SUPACEES** are only available in New South Wales, South Australia and S.E. Queensland as a standard product offer. Other areas are subject to enquiry.

**SUPAPURLINS PRODUCT RANGE**

<table>
<thead>
<tr>
<th>Product</th>
<th>Depth (mm)</th>
<th>Thickness (mm)</th>
<th>Bolt Requirements</th>
<th>Purlin Shape and Name</th>
<th>Bridging System</th>
</tr>
</thead>
<tbody>
<tr>
<td>SZ/SC15010</td>
<td>152</td>
<td>1.0</td>
<td>M12 Grade 4.6 or 8.8</td>
<td>SUPAZEDS</td>
<td>LYSAGHT HOOK-LOK II Bridging System with clamp/locator ends or bolted bracket ends</td>
</tr>
<tr>
<td>SZ/SC15012</td>
<td></td>
<td>1.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SZ/SC15015</td>
<td></td>
<td>1.5</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SZ/SC15024</td>
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<td>2.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SZ/SC20012</td>
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<td>1.2</td>
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<td></td>
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<tr>
<td>SZ/SC25015</td>
<td>254</td>
<td>1.5</td>
<td>M16 Grade 4.6 or 8.8</td>
<td>SUPACEES</td>
<td>LYSAGHT Series 300-350 bridging</td>
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<tr>
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<td>1.9</td>
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<td></td>
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<tr>
<td>SZ/SC25024</td>
<td></td>
<td>2.4</td>
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<tr>
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<td>2.4</td>
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<td></td>
</tr>
<tr>
<td>SZ/SC35030*</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SZ/SC40024**</td>
<td>400</td>
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<td></td>
<td></td>
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<tr>
<td>SZ/SC40032**</td>
<td></td>
<td>3.2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Purlins marked * availability is subject to enquiry. Consult your local BlueScope Lysaght Service Centre for advice. Extended lead times may apply.
2. Purlins marked ** are available in Qld and SA only. Consult your local BlueScope Lysaght Service Centre for advice. Extended lead times may apply.
3. Queensland and South Australia are able to manufacture downturned lipped purlins, subject to enquiry. Consult your local BlueScope Lysaght Service Centre for advice. Extended lead times may apply.

Purlin Product Coding

The coding of the purlin products consists of prefix letters followed by a series of numbers.

The prefix letters are for the various purlin shapes and consist of:

- **SZ** = LYSAGHT SUPAZED® shape
- **SC** = LYSAGHT SUPACEE® shape

The letter prefix is then followed by a three digit number indicating the section nominal depth in millimetres (not the actual depth). Thus the nominal depths would be 150, 200, 250, 300, 350 or 400.

This is then followed by a two digit number designating section thickness. This would be “10” for 1.0mm BMT, up to “30” for 3.0mm BMT.

For example SZ20012 designates a LYSAGHT SUPAZED® 200 millimetres nominal depth and 1.2 BMT.

Where reference is made to both purlin shapes of the same size then designation such as SZ/SC is used, similarly for other shapes.
## DIMENSIONS OF SUPAZEDS AND SUPACEES

![Diagram of SupaZeds and SupaCees dimensions]

**Dimensions of SupaZeds and SupaCees**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Code</th>
<th>Mass per unit Length (kg/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SZ15010/SC15010</td>
<td>57.5</td>
<td>1.0</td>
</tr>
<tr>
<td>SZ15012/SC15012</td>
<td>1.2</td>
<td>152</td>
</tr>
<tr>
<td>SZ15015/SC15015</td>
<td>1.5</td>
<td>152</td>
</tr>
<tr>
<td>SZ15019/SC15019</td>
<td>1.9</td>
<td>152</td>
</tr>
<tr>
<td>SZ15024/SC15024</td>
<td>2.4</td>
<td>152</td>
</tr>
<tr>
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<td>SZ20015/SC20015</td>
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</tr>
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<td>SZ20019/SC20019</td>
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<td>SZ25015/SC25015</td>
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<td>1.9</td>
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<td>2.4</td>
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<tr>
<td>SZ30024/SC30024</td>
<td>2.4</td>
<td>300</td>
</tr>
<tr>
<td>SZ30030/SC30030</td>
<td>3.0</td>
<td>300</td>
</tr>
<tr>
<td>SZ35024/SC35024</td>
<td>2.4</td>
<td>350</td>
</tr>
<tr>
<td>SZ35030/SC35030</td>
<td>3.0</td>
<td>350</td>
</tr>
<tr>
<td>SZ40024/SC40024</td>
<td>2.4</td>
<td>400</td>
</tr>
<tr>
<td>SZ40030/SC40030</td>
<td>3.0</td>
<td>400</td>
</tr>
</tbody>
</table>

### Non-Standard Purlin Options

**Non-Standard purlin options (Subject to enquiry in Qld)**

Non-Standard purlin options are available subject to enquiry. These non-standard options are available on special projects only and will be subject to minimum order quantities and extended lead times.

**Note:** Dimensions have been rounded off to the nearest 0.5mm.

LYSAGHT SUPAZEDS and SUPACEES are accurately roll-formed from high-strength zinc-coated steel to provide an efficient, lightweight, economical roofing and cladding support system for framed structures.

The system includes HOOK-LOK® Bridging, LYSAGHT Big Cee Bridging, and a wide range of accessories. It is supplied ready for erection.

**Available in NT from manufacturing site in SA with a two week lead time.**

**Made in Qld, NSW and SA.**

---

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The holes punched in the webs are located at the accepted industry standard gauge lines. The gauge lines are as detailed below and the holes are equally spaced above and below the centreline of the purlin.

<table>
<thead>
<tr>
<th>Purlin Nominal Size</th>
<th>Gauge line (G) (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>40</td>
</tr>
<tr>
<td>150</td>
<td>60 (70*)</td>
</tr>
<tr>
<td>200</td>
<td>110</td>
</tr>
<tr>
<td>250</td>
<td>160</td>
</tr>
<tr>
<td>300</td>
<td>210</td>
</tr>
<tr>
<td>350</td>
<td>260</td>
</tr>
<tr>
<td>400 (Qld/SA only)</td>
<td>310</td>
</tr>
</tbody>
</table>

(*denotes size in Victoria)

**Purlin Accessories**

There is a range of LYSAGHT accessories available for use with the LYSAGHT purlins. These accessories are an integral part of the LYSAGHT purlin and girt system. All LYSAGHT accessories are zinc-coated steel.

**Purlin bolts**

Bolts with integral washers in both the head and nut shall be used for all types of connections described in this manual as required by AS/NZS 4600, Clause 5.3.1

**NOTE: GPB300**

GPB is available in Queensland. Please contact your local service centre.

**M12 size**

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

PB1230HS LYSAGHT high-strength purlin bolt (grade 8.8): M12 x 30 mm with nut.

**M16 size**

PB1645 LYSAGHT standard purlin bolt (grade 4.6): M16 x 45 mm with nut.

(Grade 8.8 available subject to enquiry.)
Angle connectors
The angle connectors are detailed to allow connections of sections of the same size or one size smaller.

Racking Girt Bracket
Product Code RGB100
The Racking Girt Bracket is used to attach the ends of the C10015 Racking Girts to the Fascia. Bracket is supplied formed at right angles, as shown, and is formed on-site by the erector to the correct angle to suit to roof slope.

Clamp plates
Used in conjunction with angle connectors and racking girt bracket to allow connections to the lips of Cee purlins.

Other accessories
There are other accessories that may be available subject to enquiry, and these may be subject to minimum order quantities and extended lead times. These other accessories may include:
- Purlin bolts (different sizes and grades)
- Plate cleat and angle cleats

NOTE: PAC300 is available in Qld. Please contact your local service centre.

Also comes in 150, 200 and 250 mm sizes.

<table>
<thead>
<tr>
<th>Prod. Code</th>
<th>A(mm)</th>
<th>B(mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP150</td>
<td>140</td>
<td>15</td>
</tr>
<tr>
<td>CP200</td>
<td>190</td>
<td>15</td>
</tr>
<tr>
<td>CP250</td>
<td>240</td>
<td>40</td>
</tr>
</tbody>
</table>

Also comes in 100mm size.
LYSAGHT HOOK-LOK® II Bridging members - Typical component combinations

**FIXED LENGTH**
- Standard bridge (clamp/locator)
- Standard bridge (bolted)
- Other

**ADJUSTABLE LENGTH**
- Adjustable fascia bridge
- Expansion joint/ridge tie
- Pivot end bridging for curved roof
- Adjustable bridge
- Turnbuckle/ridge tie
- Tie rod

**Girt bridging options**

<table>
<thead>
<tr>
<th>HOOK-LOK II Bridging - Minimum lengths (mm)*</th>
<th>Purlin Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridging member</td>
<td>100</td>
</tr>
<tr>
<td>Standard C-L ends</td>
<td>240</td>
</tr>
<tr>
<td>Standard bolted</td>
<td>450</td>
</tr>
<tr>
<td>Girt hangers</td>
<td>450</td>
</tr>
<tr>
<td>Girt foot</td>
<td>300</td>
</tr>
<tr>
<td>Turnbuckle/ridge tie</td>
<td>500</td>
</tr>
<tr>
<td>Adjustable bridging</td>
<td>500</td>
</tr>
<tr>
<td>Tie rod</td>
<td>200</td>
</tr>
</tbody>
</table>

* Refer to local service centre office in your state.
How to specify HOOK-LOK II parts

Pads of LYSAGHT HOOK-LOK II order forms are available from your local representative.

When specifying HOOK-LOK II bridging assemblies:

1. Specify the HOOK-LOK II prefix H2.
2. Specify left hand end component – always three characters (e.g. C20)
3. Specify the type of bridging channel – always one character (e.g. P)
4. Specify right hand end component – three characters (e.g. L20)

Putting these together, you would get: H2 C20 P L20.

Example 1
An adjustable bridging, with clamp to suit a C15015 purlin at one end and a bolted bracket to suit a C20024 purlin at the other end would be: H2 C15 T B20.

(This assumes that the order was not for use in Victoria where the product code would be H2 C1V T B20 - * see note to Product codes table.)

Example 2
Fascia bridging, to span between a C20024 used as a fascia purlin and C20015 purlin, would be: H2 F20 D L20.

Product codes for HOOK-LOK II parts

<table>
<thead>
<tr>
<th>Mark No.</th>
<th>Mark No.</th>
<th>Mark No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamp end CODE C</td>
<td>Bolted brackets CODE B</td>
<td>Bridging channel: plain CODE P</td>
</tr>
<tr>
<td>C10</td>
<td>B10</td>
<td>P</td>
</tr>
<tr>
<td>C15</td>
<td>B15</td>
<td></td>
</tr>
<tr>
<td>C1V*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locator end CODE L</td>
<td>Turnbuckle CODE T</td>
<td>Bridging channel: slotted CODE S</td>
</tr>
<tr>
<td>L10</td>
<td>T10†</td>
<td>S</td>
</tr>
<tr>
<td>L15</td>
<td>T12†</td>
<td></td>
</tr>
<tr>
<td>L1V*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fascia brackets CODE F</td>
<td>Tie rod CODE R</td>
<td>Bridging channel: double CODE D</td>
</tr>
<tr>
<td>F20</td>
<td>R12†</td>
<td>D</td>
</tr>
<tr>
<td>F25</td>
<td>R16†</td>
<td></td>
</tr>
</tbody>
</table>

* For Victoria, 150 size bridging is specified using a "V" instead of the '5'
† 10,12 or 16 refer to rod diameter in mm

LYSAGHT Series 300 and 350 bridging system

This is a bridging system used with the larger 300 and 350 sections.

The components consist of a C15015 or SC15015 channel and bridging ends assembled with LYSAGHT high strength M12 x 30mm purlin bolts.

All components are galvanised for long life and can be assembled using the recommended bolts.

When ordering, the overall bridging length should be specified, i.e. purlin or girt spacing, less 3mm.

Catalogue numbers for this bridging are:
- PBB300 or PBB350.
Associated purlin products

One-piece fascias are easy solutions to the needs of buildings with bigger portal frame spacings.

The FP23019 purlin is roll-formed, from higher tensile steel than the FP26015, and is stronger.

Punching
FP23019 purlins are normally supplied punched. FP26015 are normally not punched, but can be punched if ordered.

Fascia Purlin FP23019
Dimensions vary from state to state. Contact your local service centre for details of fascia purlin range. Subject to enquiry in WA.

Fascia Purlin FP26015
Dimensions vary from state to state. Not standard. Used with Z or C250. Not available in Vic. or WA. Subject to enquiry in NSW.
LYSAGHT TOPSPAN light steel sections

LYSAGHT TOPSPAN® light structural sections are the economical alternative to timber battens. They are lighter than timber and frequently used for roofing, sheds and garages.

Material
Steel grade: G550
Coating: AZ150
Other BMTs may be available - enquire at your local sales office.

Storage, carrying and handling of TOPSPAN sections are easier, because they nest together. There is no need to cut to length because the sections can be lapped.

Material
See notes for product.

Product Availability

TOPSPAN 61
BMT
0.75, 1.00
Length
7500
6100 (W.A. only)
Other BMT subject to enquiry.

TOPSPAN 61
BMT
0.75, 1.00
Length
7500
6100 (W.A. only)
Other BMT subject to enquiry.

TOPSPAN 96*
BMT
0.75, 1.00
Length
7500

TOPSPAN 120
BMT
0.70, 0.90
Length
7500

†Used in cyclonic areas

In SA, an alternative roof batten and ceiling batten are available. Please refer to your local office for details.

* Note: Product availability is subject to enquiry. Refer to your local service centre.

Associated top hat products
Lysaght Structural steel decks

BlueScope Lysaght offers a family of structural steel decks for a broad range of applications - Lysaght W-DEK®, Lysaght Bondek® and Lysaght Powerdek®.

This table compares the Lysaght decks with each other to highlight where they are best utilised.

Comparisons of spans, concrete displacement, fire performance and other important criteria are included here.

This data is the result of full scale testing, analysis and design comparisons at our NATA-registered laboratory and associated academic research centres.

By understanding the relative strengths of each product, the specifier can choose the one most suitable for the job.

<table>
<thead>
<tr>
<th>Profile</th>
<th>Cover (mm)</th>
<th>Depth (mm)</th>
<th>BMT (mm)</th>
<th>Slab thickness minimum (mm)</th>
<th>Unpropped Span (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bondek</td>
<td>590</td>
<td>54</td>
<td>0.6, 0.75, 1.0</td>
<td>90</td>
<td>up to 3400</td>
</tr>
<tr>
<td>Lysaght W-DEK</td>
<td>700</td>
<td>78</td>
<td>0.75, 1.0</td>
<td>130</td>
<td>up to 4100</td>
</tr>
<tr>
<td>Lysaght Powerdek (Available subject to enquiry)</td>
<td>300</td>
<td>100</td>
<td>1.0, 1.2, 1.5</td>
<td>140</td>
<td>up to 5200</td>
</tr>
<tr>
<td></td>
<td>300</td>
<td>120</td>
<td>1.2, 1.5</td>
<td>160</td>
<td>up to 6000</td>
</tr>
</tbody>
</table>
BONDEK® is a formwork and bottom reinforcement system for concrete slab construction, suitable for domestic and major building projects. It is more economical than conventional formwork, fast to install, and allows easy fixing of ceilings and services. Structurally, BONDEK replaces usual bottom reinforcement.

**Base materials and coating mass**
- Steel grade: G550
- 0.6, 0.75, 0.9 & 1.0 mm BMT: Z350 (0.3 mm BMT subject to enquiry.)

**Lengths**
- Custom cut lengths from 1200 to 17,000 mm.

**Note:**
- Qld maximum length 10,000 mm.

**Dimensions**
- Depth = 54 mm
- Cover Width = 590 mm

**Mass**
- BMT 0.6 mm: 8.52 kg/m²
- BMT 0.75 mm: 10.50 kg/m²
- BMT 0.9 mm: 12.79 kg/m²

**Tolerances**
- Length: ± 0 mm, – 10 mm

**Finishes**
- Standard is Galvanised Z350. BRITEWITE®, a pre-painted underside, can be made to special order.

---

**Bonfil**
- Polystyrene foam stops concrete and air entering ends of ribs.
- Stock length: 1200mm
- Required: 300mm per sheet of BONDEK.

**Bonwedge**
- Lightweight bracket for rods to suspend ceilings or services (other than fire sprinkler systems).
- Max. load: 100 kg

**Bonstrip**
- Plastic trim to cover gaps formed by ribs.
- Used when underside of BONDEK forms an exposed ceiling.
- Stock length: 3000 mm.
- Allows Gyprock® to be fixed to BONDEK.

**End plug**
- Polyethylene end plug stops concrete and air from entering end of BONDEK ribs.

**Sealing Tape**
- Tape is used to seal gaps to prevent leakage of wet concrete.

**Post tensioning clip**
- Allows BONDEK composite slabs to be post-tensioned.

**Bon-nut**
- Heavy duty square nut to suspend ceilings or services.
- Glued to a paper strip it makes insertion easy.
- Threads: M8, M10 and M12.
- M6 is available for light loads only (2.7 kN or less)

**Bonstrip**
- Plastic trim to cover gaps formed by ribs.

**Sealing Tape**
- Tape is used to seal gaps to prevent leakage of wet concrete.

**EDGEFORM**
- A galvanised section that creates a permanent formwork at the slab edges—cut, mitred and screwed on site.
LYSAGHT W-DEK

LYSAGHT W-DEK is an economical, versatile, robust formwork and flooring system. It can also be used to reduce bottom reinforcement in concrete slabs.

It is particularly useful in steel framed buildings, widely acknowledged as the future of multi-storey building construction, but is not limited to these composite concrete slab systems.

**Base materials and coating mass**
- Steel grade: G550
- 0.75 & 1.0 mm BMT: Z350

**Lengths**
Custom cut lengths from 1000mm to 14000mm

**Mass**
- BMT 0.75mm: 8.85 kg/m³
- BMT 1.0mm: 11.83 kg/m³

**Dimensions**
- Depth = 78mm
- Cover Width = 700mm

**Tolerances**
- Length: + 0mm, – 10mm

**Accessories**
End cap and sealing tape prevents concrete loss through voids.

---

LYSAGHT POWERDEK (Subject to enquiry)

LYSAGHT POWERDEK will revolutionise how you design with concrete slabs. LYSAGHT POWERDEK gives you significantly increased unpropped spans (up to 6.0m) and substantially increased load carrying capacities.

A positive interlocking rib provides a strong, secure working platform. Because the profiles are encased in concrete, they have exceptional fire performance, with no extra reinforcement required for up to a 3 hour fire rating.

LYSAGHT POWERDEK steel decking profiles have sufficient shear bond capacity for imposed loads 30 kPa and more.

Available subject to enquiry. Extended lead times and minimum order quantities apply. Refer to your local service centre for details.

**Base materials and coating mass**
- Steel grade: G550
  - 1.0mm BMT: G550, Z275
  - 1.2 mm BMT: G500, Z275
  - 1.5mm BMT: G450, Z275

**Lengths**
- (Custom cut lengths up to 10m.)

**Mass**
- POWERDEK 100 1.0: 18.56 kg/m²
- POWERDEK 100 1.2: 22.14 kg/m²
- POWERDEK 100 1.5: 27.51 kg/m²
- POWERDEK 120 1.2: 23.50 kg/m²
- POWERDEK 120 1.5: 29.20 kg/m²

**Tolerances**
- Length: On application.

**Finishes**
- Hot dipped zinc coated Z275
LYSAGHT Cold-formed Sections: Standard

LYSAGHT cold-formed sections are roll-formed in three shapes: angles, plain channels and lipped channels. They have many uses in the construction, general fabrication and home handyperson fields. Subject to enquiry in Qld & NSW.

Materials
- Zinc-coated steel to AS 1397 G300, Z275 (300 MPa minimum yield stress, 275 g/m² minimum coating mass).
- Uncoted steel to AS 1594 HU300 (300 MPa minimum yield stress).

Lengths
- All sizes: 6m
- Custom made lengths on application.
- Non standard lengths of will come in the same pack sizes as the standard lengths.

Angles

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>BMT</th>
<th>Mass</th>
<th>Uncoated</th>
<th>Zincform</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA 4630</td>
<td>46 x 35</td>
<td>3.0</td>
<td>1.79</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LA 5130</td>
<td>51 x 30</td>
<td>3.0</td>
<td>1.79</td>
<td>Yes</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Plain channels

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>BMT</th>
<th>Mass</th>
<th>Uncoated</th>
<th>Zincform</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC 05130</td>
<td>51 x 25</td>
<td>3.0</td>
<td>2.15</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LC 07630</td>
<td>76 x 38</td>
<td>3.0</td>
<td>3.34</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LC 08330</td>
<td>83 x 34</td>
<td>3.0</td>
<td>3.34</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LC 09530</td>
<td>95 x 37</td>
<td>3.0</td>
<td>3.70</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LC 10330</td>
<td>103 x 34</td>
<td>3.0</td>
<td>3.70</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LC 10230</td>
<td>102 x 55</td>
<td>3.0</td>
<td>4.77</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LC 12730</td>
<td>127 x 50</td>
<td>3.0</td>
<td>5.24</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Lipped channels

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>BMT</th>
<th>Mass</th>
<th>Uncoated</th>
<th>Zincform</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC 15230</td>
<td>152 x 51</td>
<td>3.0</td>
<td>5.84</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LL 10230</td>
<td>102 x 51</td>
<td>3.0</td>
<td>5.24</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LL 12730</td>
<td>152 x 64</td>
<td>3.0</td>
<td>5.84</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LL 15230</td>
<td>152 x 64</td>
<td>3.0</td>
<td>7.15</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LL 20330</td>
<td>203 x 76</td>
<td>3.0</td>
<td>9.06</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LL 25430</td>
<td>254 x 89</td>
<td>3.0</td>
<td>10.83</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Availability in NSW is subject to enquiry.

LYSAGHT HANDY-C system

The HANDY-C® system takes the place of timber supports for roof and wall cladding in lightweight structures. It comes complete with channels, cleats, bracing and self-drilling screws.

Parts
- Unpunched Cee: C10010
- The HANDY C cleat is available separately in NSW.
- 2 off self drilling, self tapping screws with hex. washer head 14 - 10 x 20

(Fastening of cleat to purlin supplied by customer to suit purlin.)
INTERLOK II steel grating is an innovative and economical interlocking grating system that is suitable for a wide range of applications such as racking, shelving, walkways, catwalks, platforms, ramps and decking.

There are male-male and male-female planks, as well as joining and installation accessories.

**Dimensions**
The basic 'plank' is nominally 225mm wide x 65mm high, and is available in either anti-skid (raised 'teeth' on bars) or plain.

**Lengths**
Stock length = 6075mm.

**Material**
Zinc-coated steel to AS1397, G300, Z450 (300 MPa minimum yield stress, 450-g/m² minimum coating mass).

**INTERLOK II stair treads**
INTERLOK II stair treads are made from INTERLOK G06520 with welded carrier plates. The extra heavy duty treads have a floor plate nosing. They are quick and easy to install. Not available in W.A.

**CATALOGUE NUMBER & BMT**
G06512: BMT = 1.2mm
G06520: BMT = 2.0mm

**HANDIPLANK**
HANDIPLANK is a universal steel plank with a skid resistant surface, suitable for many jobs around the home or light commercial applications. They meet the load requirements of AS1577—1993. Width is 225mm.

**Product Availability**

<table>
<thead>
<tr>
<th>Product</th>
<th>Catalogue Number</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heel/toe side plate</td>
<td>G170S</td>
<td></td>
</tr>
<tr>
<td>Heel/toe end plate</td>
<td>G170E</td>
<td></td>
</tr>
<tr>
<td>Filler panel</td>
<td>G065FP</td>
<td></td>
</tr>
<tr>
<td>Carrier plate</td>
<td>G056CP</td>
<td></td>
</tr>
<tr>
<td>End plate</td>
<td>G065EP</td>
<td></td>
</tr>
<tr>
<td>Splice plate</td>
<td>G065SP</td>
<td></td>
</tr>
<tr>
<td>Hold down clip</td>
<td>G065HDC</td>
<td></td>
</tr>
<tr>
<td>Heel/toe end plate bracket</td>
<td>G065EB</td>
<td></td>
</tr>
<tr>
<td>J bolt, nut, washer</td>
<td>G000JB</td>
<td></td>
</tr>
<tr>
<td>Hex. head bolts, washers &amp; nuts</td>
<td>G010HB</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HANDIPLANK lapping bracket**
Catalogue number HPLB (Not available in NSW)
LYSAGHT SUPRATRUSS — COMPONENTS

LYSAGHT SUPRATRUSS® is an engineered roof framing system made accurately from high tensile steel. Steel trusses don’t rot, shrink or burn, and termites don’t eat them.

BlueScope Lysaght does not design and fabricate trusses - we can refer you to an alternative supplier if required.

The following sections are available in these standard lengths and pack sizes. For minimum order quantities, please contact your nearest service centre.

### SUPRATRUSS chord

<table>
<thead>
<tr>
<th>BMT (mm)</th>
<th>Section</th>
<th>Stocked lengths*</th>
<th>Pack sizes</th>
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<tbody>
<tr>
<td>0.6</td>
<td>75 x 38</td>
<td>7500</td>
<td>50</td>
</tr>
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</table>

### SUPRATRUSS web

(Not available in NSW)

<table>
<thead>
<tr>
<th>BMT (mm)</th>
<th>Section</th>
<th>Stocked lengths*</th>
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<tbody>
<tr>
<td>0.75</td>
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### Boxed rafter

<table>
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<tbody>
<tr>
<td>0.48</td>
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<tr>
<td>0.48</td>
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<td>50</td>
</tr>
<tr>
<td>0.48</td>
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### Universal bracket 70

<table>
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### Universal bracket 140

<table>
<thead>
<tr>
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</tr>
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<tr>
<td>40</td>
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</table>

* Non-standard lengths: 1800mm minimum, 12000mm maximum (7500mm maximum in NSW)
LYSAGHT SUPRAFRAME COMPONENTS

LYSAGHT SUPRAFRAME® is an engineered wall framing system made accurately from high tensile steel. Steel walls don’t rot, shrink or burn, and termites don’t eat them.

BlueScope Lysaght does not design and fabricate trusses - we can refer you to an alternative supplier if required.

### Boxed stud

<table>
<thead>
<tr>
<th>BMT (mm)</th>
<th>Section</th>
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<tbody>
<tr>
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<td>2408, 2443, 2708, 2743, 7500</td>
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<tr>
<td>0.48</td>
<td>75 x 38</td>
<td>Made to order*</td>
<td>50</td>
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<tr>
<td>0.48</td>
<td>90 x 38</td>
<td>2408, 2443, 2708, 2743, 7500</td>
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### Open stud

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<tr>
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<td>75 x 38</td>
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<tr>
<td>0.55 ‡</td>
<td>70 x 38</td>
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<td>60</td>
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<tr>
<td>0.75</td>
<td>75 x 38</td>
<td>Made to order*</td>
<td>60</td>
</tr>
<tr>
<td>0.55 ‡</td>
<td>90 x 38</td>
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<tr>
<td>0.75 ‡</td>
<td>90 x 38</td>
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‡ Not available in NSW

### Plate

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<td>70 x 65</td>
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<td>50</td>
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<td>7500</td>
<td>50</td>
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<tr>
<td>0.75</td>
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<tr>
<td>1.0</td>
<td>90 x 65</td>
<td>7500</td>
<td>50</td>
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* Non-standard lengths: 1800mm minimum, 12000mm maximum, 7500mm maximum in NSW
Nogging

<table>
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Lintel

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<tr>
<td>1.5</td>
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Trim angle

<table>
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<tr>
<td>1.0</td>
<td>35 x 35</td>
<td>5800</td>
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Nogging clip
Pack size 900

Round washer
32-mm x 2.5 with 6-mm hole.
Galvanised steel.
Pack size 500

Plumbing grommet
Pack size 2000

Brick tie
Galvanised steel Pack size 500
Stainless steel* Pack size 500

A different style is available in SA.
*Not available in NSW

Electrical grommet
Pack size 2000

Tensioner set
Pack size 100
LYSAGHT Steel building frame (SBF) components

This is a system of components that can be used for fabrication into wall, roof and floor frames. The members are strong, accurate, light and stable, and lend themselves to fast assembly.

Steel frames won’t warp, twist, shrink, rot, or split, and are termite and fire proof.

Material
With the exception of the cyclonic stud, the components of this system are made from G300 ZINCALUME® or GALVABOND® steel that is easily weldable.

Availability
Ask your local BlueScope Lysaght office about product availability in your area.

LYSAGHT SMARTRUSS®

The SMARTRUSS system is comprised of:
- SUPRACADD® software which designs, details and produces full engineering reports and structural certification for trusses.
- TRUECORE® or ZINCALUME® steel truss framing - optimised to suit cyclonic or non-cyclonic designs using SMARTRUSS dimple locator holes and screwed connections.
- Can be assembled using standard tools and labour - no special equipment required.
- It can be specified for cyclonic or non-cyclonic conditions. In the NT it can be delivered flat packed, or assembled.

Our ‘Smarts’ come from integrating the design, engineering certification and supply through some remarkable software called SUPRACADD®. Strong yet lightweight, cold-formed sections are the basis of a pre-engineered system which is supported by robust detailing software.

The software produces Bills of Materials and site assembly documentation to streamline the assembly process. All components are pre-cut to job requirements, so there’s less work on-site.

Availability
Ask your local BlueScope Lysaght office about product availability in your area.
QUIKA-FLOOR® is a flooring system primarily used for domestic applications. It uses steel columns with steel floor bearers and joists which may be chosen from the profiles shown on this page.

FIRMLOK®, in COLORBOND® steel or ZINCALUME® finish is usually used in verandahs, carports and patios.

There are QUIKA-FLOOR® publications for design and spanning information.

Sub-floor bracing
Where sub-floor bracing is req. a 50 x 50 x 2.5 DURAGAL® angle is recommended although flat strapping may also be used.

Accessories
• Load-bearing angle 200 x 35 x 1.5 x 3600
• QUIKA-BEARER brackets
• Corner brackets
• Steel strap 51 x 1.6
• Strap tensioner sets

Material to AS 1397 as follows:

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<td>QFPC10019U 102</td>
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<td>2.4</td>
<td>G300, Z275</td>
<td>QFPC15019U 152</td>
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<td>2.5</td>
<td>G550, AZ150</td>
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Material to AS 1397 G550, AZ150

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<th>W</th>
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<tr>
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<td>FL20020ZLNS 1.0</td>
<td>200</td>
<td>47</td>
<td>1.0</td>
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LYSAGHT Fencing: Non-cyclonic

LYSAGHT fences are attractive, economical, versatile and durable. And they’re easy to install.

There are four ranges of fences: NEETASCREEN®, SMARTASCREEN®, CUSTOMSCREEN® and MINISCREEN®. When they are supplied with a lattice panel they are called NEETASCREEN PLUS, SMARTASCREEN PLUS, CUSTOMSCREEN PLUS and MINISCREEN PLUS.

CUSTOMSCREEN / CUSTOMSCREEN PLUS is available in Queensland and South Australia only.

All fence types are complemented by our range of gates, designed to harmonise perfectly. The gates are available with optional high quality handles and key-operable locks.

Heights
Nominal heights of fences are 1200, 1500, 1800 and 2100mm from top of top rail to bottom of bottom rail. (1200mm height is not available in NSW.) The bottom rail should be nominally 50mm above ground level.

Colours
Ask for the current range of COLORBOND® steel fence colours.

Selection
Use our selection and installation guide to determine your needs.

Gates are available for CUSTOMSCREEN and CUSTOMSCREEN PLUS fences, but no photo.
In NT, non-cyclonic fences are only available south of Katherine.
LYSAGHT MANDALAY™ fence

MANDALAY™ fence utilises LYSAGHT universal posts and rails - slats can be retrofitted to give an existing fence a modern face-lift.
Available in 1200mm, 1500mm and 1800mm full fencing heights and a 300mm size to place at the top of a traditional COLORBOND steel fence as a decorative feature.
More cost effective than powder-coated aluminium and more durable than timber.
Requires minimal maintenance and no painting – just a regular wash down.

LYSAGHT Fencing: Cyclonic & High Wind Conditions

LYSAGHT cyclonic fences are based on our well respected NEETASCREEN fences.

There is one family:
NEETASCREEN and NEETASCREEN PLUS (the latter is topped with a lattice panel).
There are two configurations.
NEETALOK® is specifically designed for use in wind region D.

NEETASCREEN is available in Qld & NT only, NEETALOK® is only available in WA.

Heights
Nominal heights of fences are 1500 and 1800 mm from top of top rail to bottom of bottom rail. The bottom rail should be nominally 50 mm above ground level.

Colours
Ask for the current range of COLORBOND® steel colours.

Selection
Use our selection and installation guide to determine your needs.

NEETALOK (WA only)

NEETASCREEN PLUS TYPE 3 (Qld/NT only)
LYSAGHT CYCLONIC FENCE OPTIONS

**NEETALOK FENCE**

- Rectangular post 100 x 50 mm BMT
- 200, 250, 350 mm BMT
- 2400, 2700 & 3000 mm

- Lysaght post cap
- NEETALOK brackets
- NEETALOK raking adaptors

- Infill sheet
  - Standard lengths: 1490, 1790, 2090 mm
  - BMT 0.42

- NEETASCREEN universal rail
  - Standard length 2330 mm
  - 2 places

- Lysaght post cap (cut in half)
- Domed cap

**NEETASCREEN TYPE 3 FENCE**

- Domestic post cap
- NEETASCREEN standard posts
  - 2100, 2400, 2700 & 3000 mm

- Infill sheet
  - Standard lengths: 1490, 1790, 2090 mm
  - BMT 0.35

- NEETASCREEN universal rail
  - Standard length 1575 mm
  - 2 places

- Self-drilling, self tapping
  - Hex. washer-head screws
  - 10—16 x 25
  - 12—14 x 45

- Square post
  - (optional at corner junctions)
  - Minimum 60 x 60 x 1.6

- Ball cap

**NEETASCREEN PLUS TYPE 3 FENCE**

- Lattice post cap
- NEETASCREEN universal rail
  - Standard length 1575 mm
  - 3 places

- Lattice
  - Standard length 1575 mm

- Lysaght post cap
- NEETASCREEN standard posts
  - 2100, 2400, 2700 & 3000 mm

- Infill sheet
  - Standard lengths: 1490, 1790, 2090 mm
  - BMT 0.35

- Self-drilling, self tapping
  - Hex. washer-head screws
  - 10—16 x 16
  - 12—14 x 45

- Self-drilling, self tapping
  - Long drill bit hex. head screw
  - 12—24 x 32

- Square post
  - (optional at corner junctions)
  - Minimum 60 x 60 x 1.6

- Self-drilling, self tapping
  - Long drill bit hex. head screw
  - 12—24 x 32

- Square post
  - (optional at corner junctions)
  - Minimum 60 x 60 x 1.6
LYSAGHT GATE OPTIONS

LYSAGHT gates are quick and easy to install. They are designed to fit perfectly with the NEETASCREEN®, SMARTASCREEN®, CUSTOMSCREEN® and MINISCREEN® range of fences.

There are a range of options to choose from.

The gates are ordered by specifying:
1. Single width or double gate
2. Specify colour & height of gate stiles, rail & infill sheet
3. Standard width or extra wide
4. Specify accessory kit
   - Economy
   - Standard
   - Premium

(External Accessory Kit in Qld)
5. If lattice required (Plus fence) specify colour
6. Specify optional extras if required

Gate widths for NEETASCREEN, SMARTASCREEN & CUSTOMSCREEN

Single gates: 885 mm
Extra-wide gates: 1645 mm

Two extra-wide gates are needed for a typical driveway.

NEETASCREEN fences can be reduced in width by increments of 190 mm.

SMARTASCREEN fences can be reduced in width by increments of 128 mm.

CUSTOMSCREEN fences can be reduced in width by increments of 76 mm.

MINISCREEN

Single gates: 910 mm
Extra-wide single gates: 1655 mm

Two extra-wide single gates are needed for a typical driveway.

MINISCREEN fences can be reduced in width by increments of 25 mm.

Not available in W.A.

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<table>
<thead>
<tr>
<th>Gate Accessory Kit - Contents</th>
<th>Gate Accessory Kit - Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Economy Gate Accessory Kit:</strong></td>
<td><strong>Economy Gate Accessory Kit:</strong></td>
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<td>a) Single Gate Accessory kit (GK1):</td>
<td>a) Single Gate Accessory kit (GK1):</td>
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<td>Locking set - D-latch with extension handle + striker, (zinc)</td>
<td>Locking set - D-latch with extension handle + striker, (zinc)</td>
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<tr>
<td>Hinge (zinc)</td>
<td>Hinge (zinc)</td>
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<tr>
<td>Striker Cover (anti-rattle)</td>
<td>Striker Cover (anti-rattle)</td>
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<tr>
<td>Accessory Screws (standard #10-24x16 Wafer Heads)</td>
<td>Accessory Screws (standard #10-24x16 Wafer Heads)</td>
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<tr>
<td>Stile Caps (plug type)</td>
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<td>a) Single Gate Accessory kit (GK3):</td>
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<tr>
<td>Lokk-Latch set (key, lock one side)</td>
<td>Lokk-Latch set (key, lock one side)</td>
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<tr>
<td>Handle</td>
<td>Handle</td>
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<tr>
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<td>Hinge (black)</td>
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<td>Accessory Screws (black #10-24x16 Wafer Heads)</td>
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<tr>
<td>Stile Caps (plug type)</td>
<td>Stile Caps (plug type)</td>
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<tr>
<td>Drop Bolt (zinc)</td>
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<td>Drop Bolt (zinc)</td>
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**EXTRA-WIDE SINGLE GATE**

**SINGLE GATE**

---

Quantity of items in each kit depends upon whether it is a single, double or extra-wide gate, and if it has a lattice (Plus).

Check with your local distributor for specified quantities for your requirement.
NEETASCREEN PLUS & SMARTASCREEN PLUS gate options (NEETASCREEN shown)

SINGLE GATE

EXTRA-WIDE SINGLE GATE

MINISCREEN gate kit

MINISCREEN Plus gate kit

There are additional options available for latches, handles, hinges and locks in the Economy, Standard and Premium Accessories packs. CUSTOMSCREEN/ CUSTOMSCREEN PLUS (not illustrated) is available in SA and Qld only.
When you invest in a LYSAGHT Living Collection® addition for your home, you are assured of building with materials engineered and tested to Australian Standards. Available in a range of architectural styles and modern colours to complement your home, the LYSAGHT Living Collection® features strong and sturdy steel components from Australia’s largest steel manufacturer – BlueScope Steel. Style and design flexibility is central to the LYSAGHT Living Collection®, which has been created as a complete system. All of the designs can be combined into a format that will suit your home, lifestyle and budget. Matching gutters and downpipes provide a complete package that will enhance the elegant appearance of your extension. Available as freestanding units or attached to the home, create a personal outdoor living space that will enrich your home and outdoor family entertaining area. Designs have been focussed on low maintenance, durability, wind resistance, security and privacy – they are also fire, rot and termite resistant. No matter what you’re looking for, a LYSAGHT Living Collection® patio or carport is the ideal addition to your home.

The LYSAGHT Living Collection® is engineered and tested to Australian Standards and developed for maximum aesthetic appearance and structural performance. Ask about availability and distributor opportunities in your area with your local LYSAGHT representative.

Sit back, relax and enjoy a whole new dimension to your home and enhance your lifestyle with the LYSAGHT Living Collection® range of Patios, Extensions and Carports.

LYSAGHT Home Improvements: Patios, Extensions & Carports
LYSAGHT FLATDEK® is designed to provide a long-span with an attractive ceiling or internal flush finish. It is particularly useful for awning, carport and similar structures.

The unique dovetail rib can be easily fitted by hand. Receiver channel foam is 50mm x 20mm. Available in 2m lengths.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.42mm

**Lengths**
Lengths are custom cut. Check maximum and minimum with your supplier.

**Mass (COLORBOND)**
6.0 kg/m²

**Tolerances**
- Length: ± 0mm, – 10mm
- Width: ± 2mm, – 2mm

**Minimum roof pitch**
2 degrees (1:30)

**Foam infills**
Foam infills and strips are available for sealing the receiver channel. For more information, refer brochure.

**Finishes**
A range of COLORBOND® steel colours, refer to your local stockist for colour selection available. Also available in Hi-Gloss finish on underside.

**Materials compatibility, standards & testing**
See Page 1

Made in NSW & SA.

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LYSAGHT FLATDEK II is a long double span cladding making it particularly well suited to many types of home improvement projects like room additions, carports and awnings.

The underside of FLATDEK II features clean uninterrupted lines, with an attractive gloss finish. Fixing methods are easy and save time. FLATDEK II combines all the aesthetic benefits of FLATDEK, with the additional benefit of faster installation and fewer laps.

The unique overlapping dovetail ribs of the FLATDEK II profile can be easily fitted together by hand. Receiver channel foam is 50mm x 10 mm. Available in 5 m lengths.

**Base materials**
- Steel grade: G550
- Coating: AZ150
- BMT: 0.42mm

**Lengths**
Lengths are custom cut. Maximum length 8000mm
Minimum length 850mm

**Mass (COLORBOND)**
5.2 kg/m²

**Tolerances**
- Length: ± 0mm, – 10mm
- Width: ± 2mm, – 2mm

**Minimum roof pitch**
2 degrees (1:30)

**Finishes**
A range of COLORBOND® steel colours, refer to your local stockist for colour selection available. Also available in Hi-Gloss finish on underside.

**Materials compatibility, standards & testing**
See Page 1

Made in Qld
LYSAGHT FIRMLOK

LYSAGHT FIRMLOK® beam is a light, strong structural beam, and universal in its applications. It is developed for maximum aesthetic and structural performance. The unique interlocking Cee profiles provide a universal structural member with excellent spanning capacity and torsional resistance once fixed into position.

Identification
The format of the number code is:

\[ F \text{D t} \]

F=Firmlok  xxx = Section xx = 2t x 10
depth D (mm) (mm)
Eg: F15015 = FIRMLOK beam with depth of 150mm and 2t thickness of 15 = .75mm BMT

Finishes
FIRMLOK beams are available in ZINCALUME® steel and several high gloss colours in COLORBOND® steel.

FIRMLOK universal brackets are also available powder coated to match COLORBOND® steel colours.

The apex bracket is available in galvanised only.

Base materials
Steel grade: G550
Coating: AZ150
BMT: 0.55, 0.75 & 1.00 mm.

Lengths
Stock lengths of FIRMLOK beams are 4000, 5000, 6100, 7500 and 9000 mm.
(Not all lengths are available in all centres. See your local service centre for availability.) Extended lead times may apply for non-standard lengths between 1,200 mm & 9,000 mm.

Tolerances
Depth \( \pm 1 \text{ mm} \)
Width \( \pm 1 \text{ mm} \)
Length \( +0, -5 \text{ mm} \)

LYSAGHT FIRMLOK beams are commonly used with FLATDEK/FLATDEK II for carports, verandahs and patios.

Made in NSW and SA

<table>
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<tr>
<th>Section</th>
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<th>Metal thickness t (mm)</th>
<th>Mass (kg/m)</th>
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<td>FL20020</td>
<td>200 x 50 (nom.)</td>
<td>1.00</td>
<td>5.04</td>
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LYSAGHT PATIO POST

The LYSAGHT PATIO POST is an attractive, fluted aluminium extrusion designed principally for use with FIRMLOK as a verandah post.

There is a matching die-cast foot which is easily fastened to a concrete slab or timber deck.

Colours
There is a range of high gloss, powder coated COLORBOND colours.

Stock lengths
2400 & 3000 mm

SHS sections
Consult your local branch regarding the availability of SHS sections from 60 x 60 to 90 x 90.
Service & Support

WEB

www.lysaght.com

- Free membership available
- Extensive product information and downloadable product brochures
- Interactive tools
- Product application information
- Distributor and sales outlets
- Display home locator
- Supplier locator
- Monthly email newsletter
- Contact us/web enquiry form
- Warranty registration

TECHNICAL CALL CENTRE

- BlueScope Steel product information for architects, engineers and other building professionals
- Staffed by extensively trained personnel
- Fully integrated mailroom

RESEARCH & DEVELOPMENT

- Expert technical advice, which can be accessed via your local Lysaght Service Centre or technical representative
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These pages provide some basic information on recommended maintenance of LYSAGHT® roofing and residential rainwater systems. For full maintenance duty, which forms part of our warranty terms and conditions, refer to the current LYSAGHT Maintenance Handbook, which is available at www.lysaght.com.

1. Access & Safety issues
When maintaining the roof, do not damage the surface of the cladding, gutters and flashings.
* Soft protection should be placed on any equipment used, where it impacts on the roof cladding or gutters.
* Do not walk on roofs (ie patios and verandahs) which are not designed for foot traffic.
* When walking on unprotected roofing, soft rubber soled shoes should be worn.
* Walk on at least two ribs, as close to supports as possible.
* Avoid scratching the surface of the cladding.

2. Maintenance Requirements & Frequency
Maintenance should be carried out at least every four months, preferably - at the end of autumn and the end of spring.
In the case of extreme events (storms, tempest or other ‘Acts of God’), inspection should be carried out and abnormal maintenance undertaken as required.

3. Gutters and Roofing
Twigs, dust, leaves and fungal matter (debris) should be removed regularly from gutters, downpipes, leafguards, slots holes and overflow devices - as failure to do so voids the warranty.
* Sweep debris into a pile using a stiff, soft bristled brush (shovels or hard tools should not be used).
* The whole roof and gutter should then be washed down with a hose, including high ends of gutters possibly protected by overhangs, rain heads, water spouts, slots, leafguards and overflow locations.
For complete terms and conditions of warranty, visit www.lysaght.com

Guidelines for roofing and rainwater maintenance

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For complete terms and conditions of warranty, visit www.lysaght.com

Roof maintenance

Step 1 Roof with leaf litter and dirt prior to cleaning.
Step 2 Use a hose to blow away twigs and soften hardened dirt.
Step 3 Use a soft bristle brush to sweep out the pans. Rinse with water.
Step 4 The roof cladding should be clean after you rinse.
Step 5 Use a hose to quickly rinse the underside of gutters and roofs.
Step 6 Ensure all swarf (drill waste) is removed from the work area.
Gutter maintenance

1) A typical gutter clogged with leaves, twigs & dirt prior to cleaning.

2) Wear correct protection when clearing leaves and twigs.

3) When litter is removed, the layer of hardened dirt is revealed below.

4) Rinse the gutter with water to soften and break up the dirt.

5) Use a soft bristle brush and sweep the dirt out. Rinse again.

6) When the gutter has been cleaned, it should look like this.

Cladding and rainwater goods warranties

With proper installation and regular maintenance, your LYSAGHT roofing, walling and rainwater system products will provide years of trouble-free performance - we guarantee it!

Because LYSAGHT claddings are made exclusively with ZINCALUME® or COLORBOND® steel, they are warranted against corrosion to perforation for a period of up to 25* years by BlueScope Steel. So you can rest easy under a roof made of LYSAGHT COLORBOND® steel.

And because LYSAGHT rainwater goods are performance tested in our NATA-accredited materials science laboratory, you can be confident that they are ‘fit for purpose’ and will do the job they are designed for.

As most of our gutters, downpipes, flashings and cappings are also made with COLORBOND steel, they also enjoy a warranty against corrosion to perforation ranging from 10* to 25* years depending upon the application.

BlueScope Lysaght have been serving the building industry in Australia for over 150 years. So you can rest assured that your LYSAGHT warranty is your solid guarantee of product performance in years to come.

For full warranty terms and conditions (including the maintenance procedures outlined here) please visit:

www.lysaght.com

* Warranties are subject to our standard terms and conditions.