



LYSAGHT NOVALINE[®] fascia system

Integrates with most LYSAGHT gutters

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

- ▲ The fascia
- ▲ Metal fixing brackets
- ▲ One of many gutters
- ▲ Spring clips that fastens the gutter to the fascia
- ▲ Overstraps to suit the chosen gutter.

Availability

NOVALINE is available in all states, though the West Australian product has a different profile, and the following accessories:

- ▲ External and internal corners
- ▲ Spring clips
- ▲ Stop ends
- ▲ Splice plates

Compatible gutters

- ▲ EMLINE[®]
- ▲ QUAD 115 Hi-front
- ▲ QUAD 115 Lo-front
- ▲ QUAD 125
- ▲ QUAD 150
- ▲ OGEE[™]
- ▲ TRIMLINE[®]

Finishes

COLORBOND[®] steel colours

Support spacings

NOVALINE fascia should be supported on brackets at 1200 mm maximum centres for sheet roofing, and 600 mm for tile roofing. NOVALINE fascia must not be used as an end-span support for sheet roofing.

Gutter support

Use only an appropriate gutter overstrap to support the gutter.



Rainwater Products



Structural Products



Fencing Products



Home Improvements



Roofing & Walling Products



House Framing Products

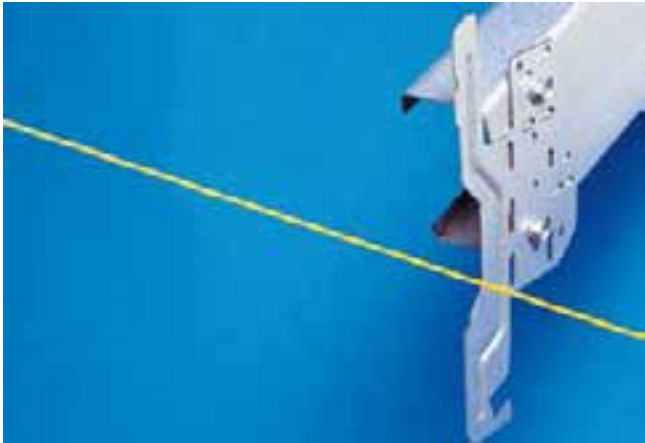


Customer Support

Installation Procedure

Support Spacings

The NOVALINE fascia should be supported on rafter clips at 1200 mm (maximum) centres for sheet roofing, and 600 mm (maximum) centres for tile roofing. Where steel roofing is used, the NOVALINE fascia shall not be used as an end span support. If fixing to wood use Type 17 screws.



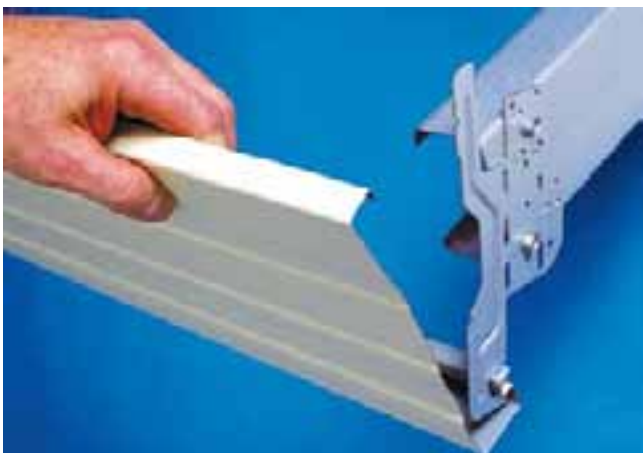
Step 1 (Refer to note on support spacings)

Attach rafter clip at each end of the run, then run a string-line from end to end of the run. Attach rafter brackets level and in line with the string line.



Step 3

Adjust the fascia to the correct position by sliding it along the brackets, then secure intermediate brackets by twisting into fascia first, and then connecting to the rafters.



Step 2

Hook the fascia horizontally under each end clip, then flip the fascia forward and lever over the top of the bracket into the vertical position.

Step 4

Fit the fascia accessories as required. (i.e. Corners, End closers, etc.)

Gutter Installation



Step 1

Straddle the Spring Clip over the fascia by rolling from behind and up over the fascia to the vertical position.



Step 2

By hitting the top of the clip down with a closed fist, push the clip all the way down into place. Place two clips a maximum of 1200 mm apart over the fascia at the mid-point position of the length of the gutter about to be installed.



Step 3

By holding the gutter from underneath, push the rear of the gutter up between the fascia and the clip.

Push the gutter up so that the top zinger (rib) is placed between the 1st and 2nd barb of the Spring Clips.



Step 4

When fastening the clips as you work your way down from the high end to the low end, push the clip down over both the fascia and the gutter together, then push the gutter back up to the desired level to retain a (minimum) fall of 1 in 500.



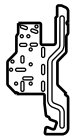
Step 5

Locate the gutter overstrap beside each Spring Clip by engaging under the front of the gutter bead, then roll the rear of the overstrap back towards the fascia.

Secure the overstrap by folding the tail behind the fascia.

LYSAGHT NOVALINE FASCIA SYSTEM

Novaline fascia accessories



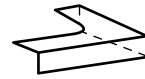
Multi purpose fascia bracket
ZINCALUME® steel



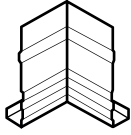
Hip bracket
ZINCALUME® steel



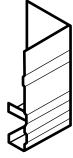
Spring clip
ZINCALUME® steel



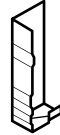
Internal cover cap
ZINCALUME® & COLORBOND® steel



Internal corner
ZINCALUME® & COLORBOND® steel



External corner
ZINCALUME® & COLORBOND® steel



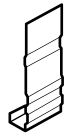
Barge mould: Right hand
ZINCALUME® & COLORBOND® steel



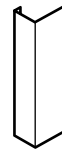
Barge mould: Left hand
ZINCALUME® & COLORBOND® steel



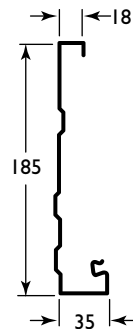
Splice plate
ZINCALUME® steel



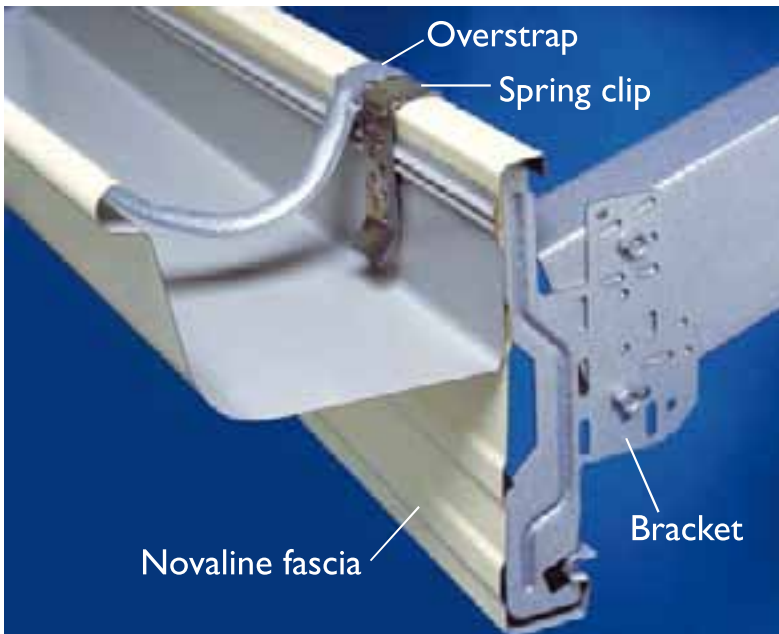
Apex cover
ZINCALUME® & COLORBOND® steel



End closer
ZINCALUME® & COLORBOND® steel



Novaline fascia



NOVALINE Design Advantages

- Designed to integrate perfectly with most LYSAGHT gutters
- Available in a wide range of COLORBOND® steel colours
- It can be fixed quickly and easily
- Quality guaranteed
- Performance backed by BlueScope Lysaght

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Product Samples



Product Literature



Warranties



Technical Support



Online Information



9 320075 050832

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Water Overflow & Residential Gutters

Notes on the effective Design, Detailing , Installation and Maintenance of Residential Roof Drainage Systems

Under the Environmental Planning and Assessment Act 1979 and its Regulations, all building work must be carried out in accordance with the Building Code of Australia (BCA). In addition to referring to Australian Standards AS/NZS 3500.3 (2003), and AS/NZS 3500.5 (2000), the BCA also contains requirements for the disposal of surface water in Volume One, in Performance Requirements FP1.2 and FP 1.3, and in Volume Two, in Part 3.5.2, namely, Performance Requirement P2.2.1 and Clauses 3.5.2.1.and 3.5.2.4.

The most common means to satisfy these requirements for roof drainage (ie. guttering) installations is via compliance with the National Plumbing and Drainage Code AS/NZS 3500.3 - 2003.

Furthermore, in each state and territory it is necessary to satisfy the relevant regulation. For example, the NSW Code of Practice for Plumbing and Drainage (2006) adopts AS/NZS 3500.3-2003 and associated amendments. (Further information is available at www.deus.nsw.gov.au/water/plumbing.asp)

In the design and detailing of a roof drainage system consideration must be given to a range of the factors such as rainfall intensity, roof catchment area, gutter size/capacity, gutter fall, gutter outlets (sumps, rain-heads, nozzles), downpipe size, quantity and placement, overflow consideration, material selection, jointing, etc.

For residential roof drainage systems high fronted gutters are a popular aesthetic choice to hide the lower edge of tiles or roof cladding. Some simple overflow methods that can be employed on high fronted gutters are listed below;

- A) Methods related to the design and installation of roof drainage systems ;
- Slotted front of gutter - a simple and popular choice which allows for water overflow through the slots visible on the front face of the gutter.
 - Specifically located overflows as permitted in the BCA ie;
 - Inverted downpipe drop/pop at high points in the gutter but set at a level below the fascia top.
 - Stop ends cut down to a lower level to act as a weir. Stop ends weirs could be hidden at the high

point of the gutter and designed as part of an expansion joint.

- Rain-heads with overflow weir
- Holes, slot, or weir at downpipes
- Gap between the fascia and the gutter back – a packer is inserted between the gutter back and the fascia

or any of a number of other proprietary systems and trade solutions.

B) Methods related to alternative building designs methods;

- Unlined eaves - eliminates the issue where the house design suits.
- Gutter installed such that the gutter front is fully below the top of the fascia.
- Design for a higher rainfall intensity, as used for internal box gutters.
- Back flashing - where gutter support brackets allow back flashing installation (eg external brackets).

The detailing and sizing of the selected overflow method/s is normally completed by the designer/installer, but must be adequate for the situation and must meet the relevant performance requirement of the BCA and Australian Standards.

While there may be some variations from state to state, contractors who install guttering systems are generally required to hold an appropriate licence. In NSW, for example, a licence in the category of Builder, Plumber or Roof Plumber issued by the Office of Fair Trading is required and it is an offence to undertake this work without an appropriate licence. The work is required to comply with the appropriate codes and standards. Statutory warranties normally apply and consumers have a right to lodge a complaint and have it dealt with by the appropriate authority. In NSW, for example, the statutory warranty is 7 years under the Home Building Act.

Water Overflow & Residential Gutters

In the installation of the roof drainage system, particular focus should be given to the following;

- Attention to the use of compatible materials for drainage system components, leaf-guard type system components and compatible fasteners/sealants to connect and seal the components
- The position of the gutter in relation to the fascia
- Installation of the specified gutter and downpipes, ensuring that downpipes are installed in the correct locations and numbers.
- Gutter fall, ensuring sufficient fall and that it is in the direction of the downpipes.
- Overflow has been considered and specific details are installed where required (such as when the gutter front is higher than the top of the fascia).
- During the installation all debris and loose waste materials (swarf, fasteners, etc) must be cleaned off at the end of each day and at the completion of the installation to prevent blockages of the drainage system or deterioration of the individual components. Any protective films should also be removed as part of the installation process.

In the longer term, the ability of a roof drainage system to handle overflow will also depend on the regular cleaning of the system. For example the removal of plant or animal matter (leaves, fungal growth, dropping, nests, etc.) and debris from gutters, leaf-guard type systems and the gutter overflow devices to ensure free drainage of water.

To ensure a long life the roof drainage system the maintenance requirements of the roof drainage system should be forwarded to the occupier/owner of the building and should be fulfilled. Adequate maintenance is a requirement of rainwater good warranties.

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