



Your Aluflow® System:

Congratulation on choosing the Aluflow® Gutter and Downpipe System - the most Sustainable, Affordable, Quality gutter system available on the market.

These installation instructions guide you through each step with detailed illustrations showing the best installation practices for Aluflow[®].

We Are Here To Support You:

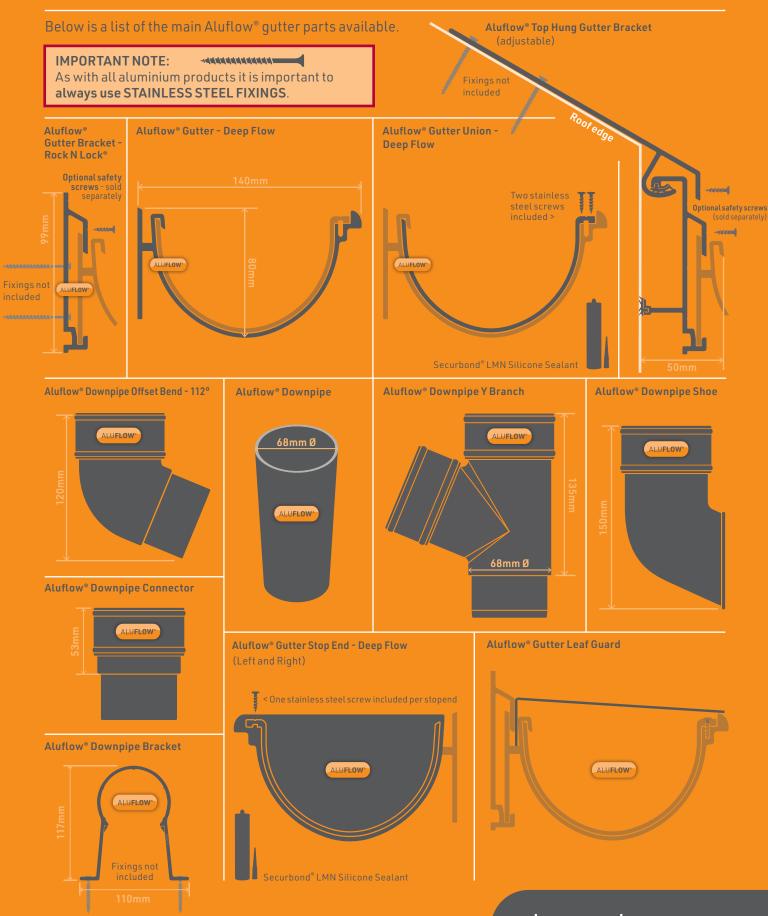
We understand that even with comprehensive installation instructions, you may sometimes have questions that you cannot find the answers to. That's why we are here to help you throughout the process. Visit www.clearamber.com and contact our support teams via live chat, telephone or email. They will be happy to answer any questions you may have.

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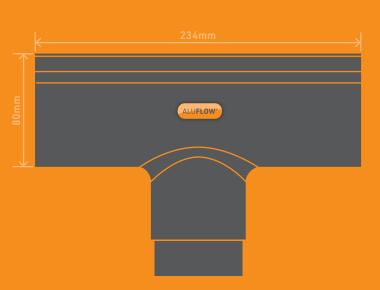
Aluflow®: Parts

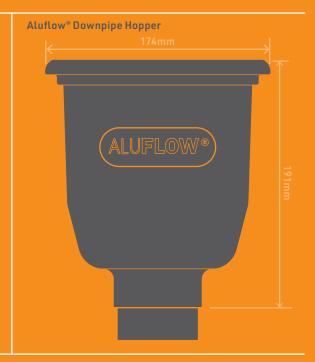




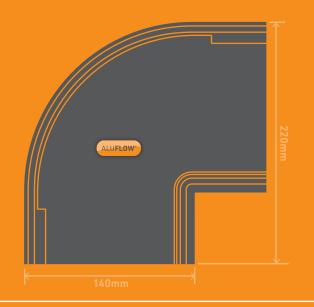
Aluflow®: Parts (continued)

Aluflow® Gutter Running Outlet - Deep Flow

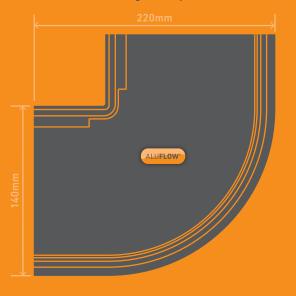




Aluflow® 90° Internal Gutter Angle - Deep Flow



Aluflow® 90° External Gutter Angle - Deep Flow



Tools Required



Wear protective gloves, glasses and ear protectors where appropriate.



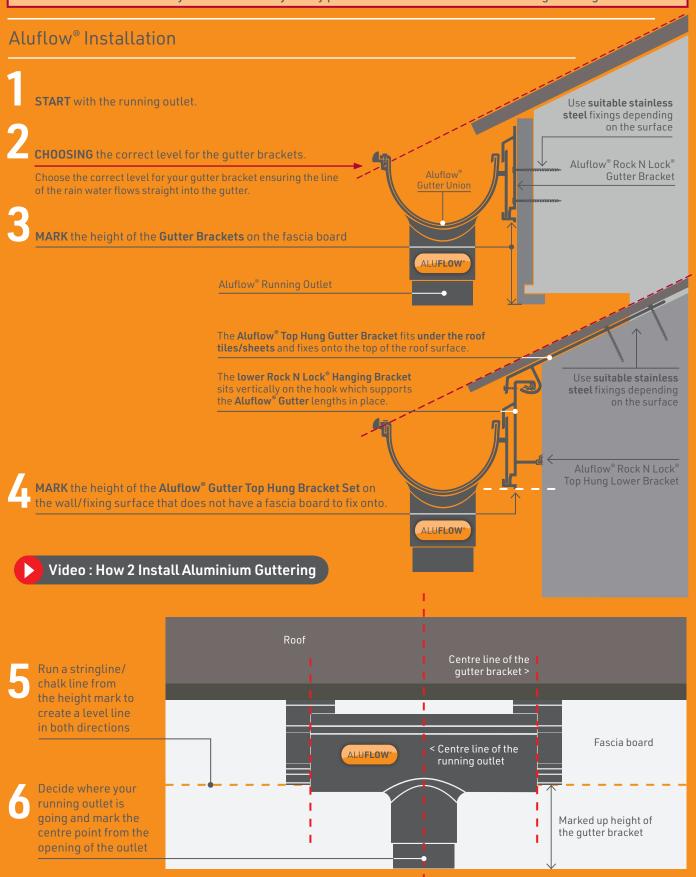
Tape measure and fine tooth blade chop saw



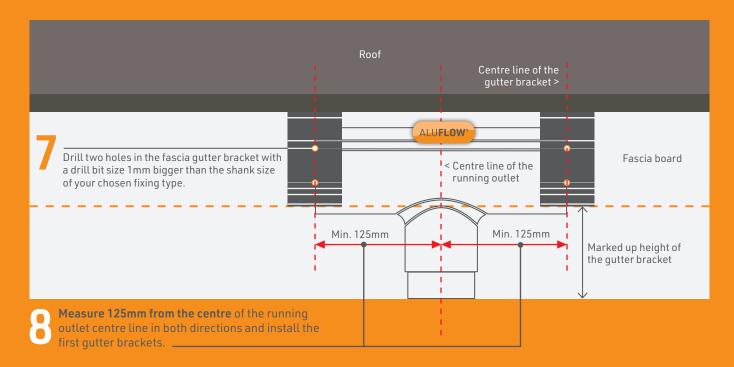
 $Cordless\, screwdriver/drill\, bits,\, Phillips\, headed\, screwdriver,\, soft\, rubber\, mallet,\, a\, straight\, edge\, tool,\, a\, chalk\, line,\, a\, knife\, and\, a\, sealant\, gun\, loaded\, with\, Securbond^{\circ}\, Silicone\, LMN\, sealant.$



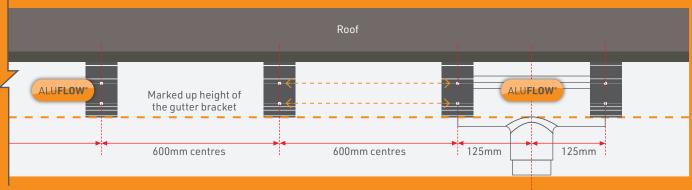
IMPORTANT - Please ensure you take necessary safety precautions and checks before working at a height.



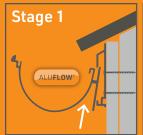




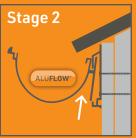
Securely fix the intermediate gutter brackets using STAINLESS STEEL FIXINGS at 600mm centres along the line.



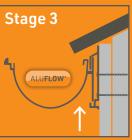
Rock N Lock® the Running Outlet and first length of Gutter onto the Gutter Brackets



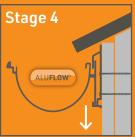
Tilt the Aluflow® Gutter forward and slide the rear plate into the upper hook of the Aluflow® Gutter Bracket.



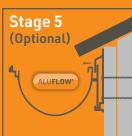
Lift the Aluflow® Gutter up into the bracket to pass it over the lower hook of the Aluflow® Gutter Bracket.



Straighten the front edge of the Aluflow[®] Gutter to level the rear plate directly above the lower channel of the Aluflow[®] Gutter Bracket



Lower the Aluflow[®]
Gutter down to lock it
into the Aluflow[®] Rock
N Lock[®] Gutter Bracket.



Drill a 3.5mm hole at the top of Aluflow® Rock N Lock® Gutter Bracket, at the point indicated by the small groove, and screw in the optional safety screw.



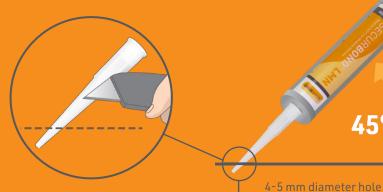
PREPARE the Aluflow® Gutter Union for installation

Take the Aluflow® Gutter Union, measure 25mm from each end along the screw fixing line and drill a hole with a 3.5mm drill bit at these points.

Video : How 2 Join an Aluminium Gutter

25mm 25mm

PREPARE the Securbond® Silicone Sealant prior to installation



Open a tube of Securbond® silicone sealant and cut the tip at a 45° angle to create a hole 4 to 5 mm in diameter, then insert it into silicone gun.

13 MEASURE the POSITION where the SEALANT will be applied

Ensure the internal surface of the gutter is free from of dirt, swarf and that it is dry.

Measure the back and front edges of the gutter approximately 20mm and 40mm from the end of the gutter or fitting.

ameter hole

20mm

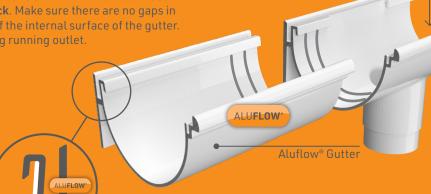
40mm

ALUFLOW

Apply the Securbond® Silicone Sealant to the Aluflow® Gutter and Joints

Run two fine beads of Securbond° Silicone around the inside surface of the gutter from the front to the back. Make sure there are no gaps in the silicone bead from front to back of the internal surface of the gutter. Repeat the procedure on the adjoining running outlet.





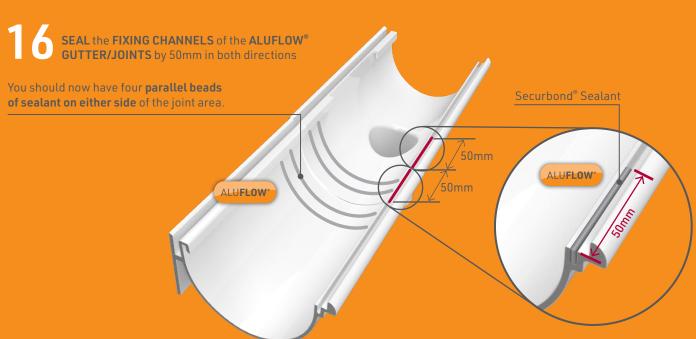
Aluflow®

Running Outlet



Make sure the GUTTER LENGTH and RUNNING OUTLET are butted tightly together

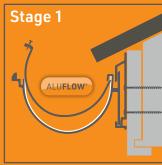




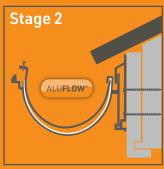
Take **TWO SMALL SCREWS** and thread them partially through the holes in the Aluflow® Gutter Union - **ensure the union is clean and dry**.



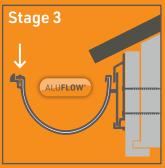
LOWER and fit the Aluflow® Gutter Union into place



Lower the far edge of the gutter union (the far side from the screws) and hook it into the back slot of the gutter hook.



Lower the far edge downwards to press it into the silicone.



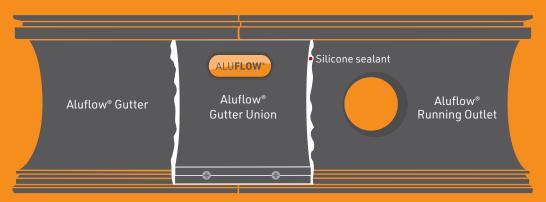
Push down and screw the two screws in to both sides of the gutter union until firmly fixed.



LOWER and fit the Aluflow® Gutter Union into place (continued)

Your silicone beads should ooze out of either side of the union

Leave excess silicone as it is for now, for any silicone on the underside allow it to dry then cut off 24 hours later.



Install the remaining Aluflow® Guttering, Joints and Stop Ends

IMPORTANT – Cut the lengths of the gutter accurately to fit between any corners and running outlet positions.

Continue installing Aluflow® Gutter lengths in the same way until you reach the end of the gutter, then install the Aluflow® Stop End at the end of the last gutter section.

The Aluflow® Stop End is installed the same way as the Aluflow® Gutter Union, see step 17.



20 Installation of the Aluflow® 90° Internal Corner Angle

Fix the first bracket 235 mm from the corner, centred on the bracket in both directions. Fix the inner corner into the two brackets now in place using the Rock N Lock® system.



Installation of the Aluflow® 90° External Corner Angle

Attach the first bracket 80 mm from the corner, centred on the bracket in both directions. Secure the outer corner using the Rock N Lock® system in both installed brackets.

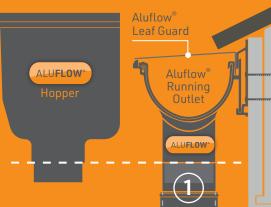


22 Installation of the Aluflow® Gutter Leaf Guard

The **Aluflow Gutter Leaf Guard** comes in **1m lengths** and prevents the build up of leaves and dirt accumulating in the gutter.





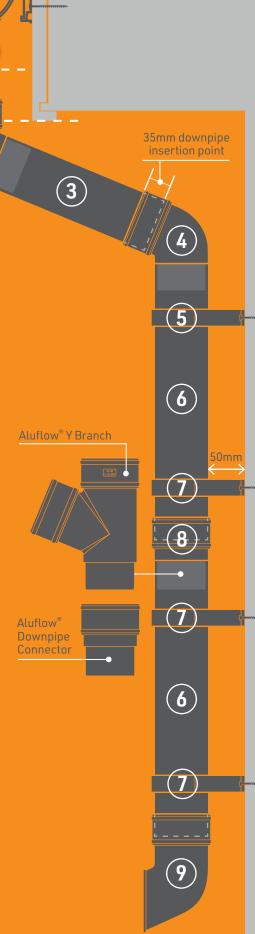


23 Installation of the Aluflow® downpipe system

- Measure from the top of the Aluflow® Running Outlet pipe slot pipe down to the bottom of your fascia. Cut a small piece of Aluflow® Downpipe to this length.
- 2 Fix the Aluflow® 112° Offset Bend (Ensure the female end is at the top).
- 3 Measure the **Aluflow® Downpipe** length between the two offset bends allowing for the 35mm insertion section at either end of the Aluflow® Downpipe.
- 4 Follow the angle through and then fit the other **Aluflow®** 112° Offset Bend (Ensure the female end is at the top) with an Aluflow® Downpipe Bracket (5) to the wall.
- 5 Ensure the Aluflow® Downpipe Bracket is secured firmly, preventing any movement of the offset bends or pipe pieces. Additional Aluflow® Downpipe Brackets should be used to ensure there are no loose parts.
- 6 Cut a piece of Aluflow® Downpipe to fit between the lower Aluflow® Offset Bend (4), the Aluflow® Downpipe Connector/Y Branch (8) (if required) and the Aluflow® Downpipe Shoe (9).
- 7 Secure with **Aluflow® Downpipe Brackets** (5) and (7)
- 8 To extend the length of the Aluflow® Downpipe fit the Aluflow® Downpipe Connector or Aluflow® Downpipe Y Branch between lengths (if required).
- 9 Fix the Aluflow® Downpipe Shoe so that the rain water deflects away from the building and into your drain.

Points 1, 2, 4, 8 and 9

It is recommended that you use **Securbond® Sealant** on the Aluflow® Hopper, Aluflow® Running Outlet, Aluflow® Downpipe, Aluflow® 112° Offset Bend, Aluflow® Downpipe Connector and Aluflow® Y Branch connections for the perfect seal.



Video : How 2 Install Aluminium Downpipe



Aluflow products are powder coated to closely matched RAL codes within industry accepted tolerances. However please note that the varying manufacturing processes of different items such as the substrates, application methods and paint conditions can lead to slight variations in colour and satin-level finish. Additionally, the finished colours may differ from batch-to-batch. Therefore, there may be shading and satin-level differences between different components which is an accepted phenomenon. Aluflow has an estimated lifespan of 60 years as it is made from aluminium and therefore should retain structural and functional integrity. However, the longevity of the powder coating and colour shade or satin-level finish level of the powder coating is excepted from this longevity estimate. All endeavours are made when manufacturing to provide the longest lasting gutter system possible.

WARNING: REGISTERED DESIGNS & PATENTS

The IP of the designs in this brochure are protected by internationally registered design rights. Many products are also protected with active or pending Patents. Clear Amber will not hesitate to take appropriate legal action if its rights in this respect are infringed.

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Inasmuch as Clear Amber have no control over the circumstances in which our material may be used, or site specific parameters, we cannot guarantee that any particular results will be achieved.

Users should carry out their own tests to determine the suitability of the material for their application. Installers should satisfy themselves that published permissible loadings and spacings for the Aluflow® guttering system, together with any supporting posts, frames, or walls and fixings, are sufficient to provide adequate strength for the intended use and to meet regional loading requirements. Installers should also obtain their own job-specific structural engineer's report for their individual site. Samples are readily available to users to test and verify the exact sizes according to their site requirements.



ALUFLOW[®] | IG | V1.07 | 11-25