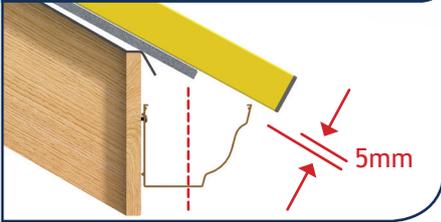


SnapFix Installation Guide

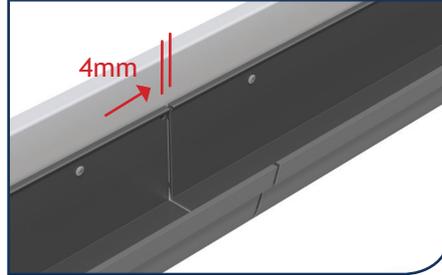
AX Moulded Gutters - Direct Fix

AX SnapFix Moulded extruded aluminium gutter profiles, jointed with internal union clips. AX SnapFix profiles can be connected to aluminium pipework systems in either round, square or rectangular sections. AX SnapFix Moulded gutter can be installed by direct fix to the fascia, or by means of support brackets. Assembly and installation must be considered with specific reference to site fixing conditions, but general aspects of preparation are shown. This guide covers direct fixing. For bracket fixing, see separate installation guide.

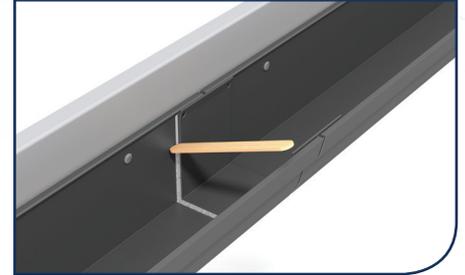
General Fixing Instructions



1) Using a straight edge, shim gutters with 5mm clearance so that the last roof tile or slate will align with the midpoint of the gutter.



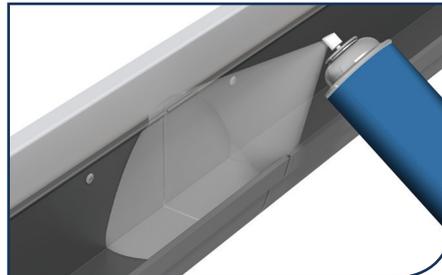
5) When joining gutter lengths, allow for a 4mm expansion gap.



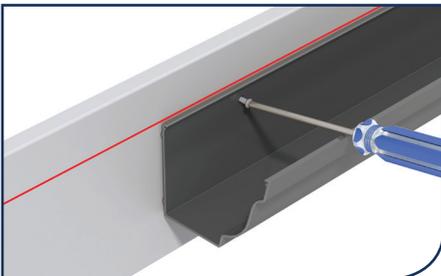
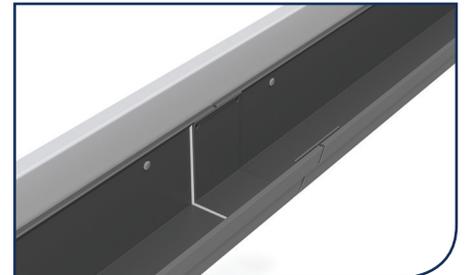
9) Tool-off displaced silicone sealant from the newly formed gutter joint. Allow to cure for 24 hours



2) Drill Ø8mm holes, 18mm from the top edge of the gutter at 900mm centres and a minimum of 50mm from the ends of the gutter



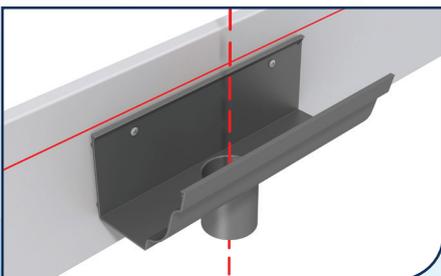
6) De-grease and clean each union and gutter length/fitting to 50-100mm from the end.



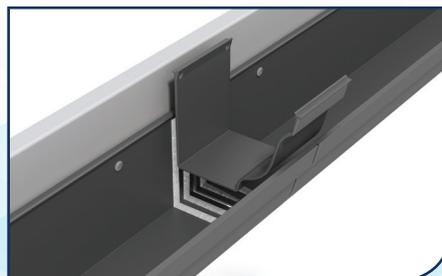
3) Using a string or laser to establish a true line and level of the gutter. Prepare to use packing pieces under gutter lengths where there are depressions in the fascia. Fix Gutters with No 12 x 38mm round-head screws.



7) Apply two 4-6mm beads of Dow Corning 791 low-modulus Type A silicone sealant to ends of gutter profile and around/over fixing holes. Silicone sealant must be applied only to completely dry surfaces.



4) Plumb line outlet positions with gullies at ground level.



8) Place union centrally over prepared gutter joint and press firmly into the gutter until both edges of the union have engaged with gutter and union is secure. Excessive sealant will increase the force required to engage the union into the gutter.

Gutter Jointing

Joint sealing must not be carried out in wet weather or in temperatures below 5°C or above 40°C. Do not allow sealant applied to gutter joints to skin over or cure (>5 mins) before fitting unions or stop ends.

Testing

It is good practice to test the completed rainwater system once the sealant has been allowed to fully cure. Discharging a garden hose pipe at normal mains pressure into the gutter system at a point furthest from outlet should identify any leaks within the gutter or downpipe. Leaking joints should be taken apart, re-sealed and re-tested.

Handling & Storage

Gutters and Down pipes should be handled and stored with care to avoid scratches, chips and denting to the product and finishes. Cover product with tarpaulin. If stored outside, prolonged exposure to direct Sun and or moisture whilst product is packaged in polyurethane can cause permanent staining/ marking of finishes.

Sealants must be kept away from direct heat sources and not stored in temperatures below 0°C. Do not use sealant that has passed its shelf life/use by date.

Environmental

Ensure all packaging and contaminated waste is disposed of responsibly in accordance with current waste disposal regulations. Aluminium is a recyclable material, off cuts should be taken to an appropriate recycling centre.

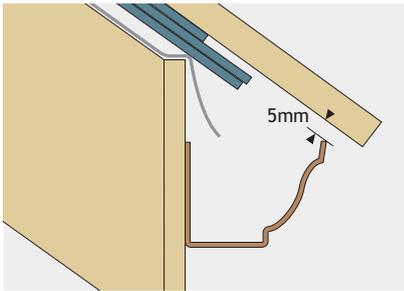
Safety

Hazards relating to sealant, solvent cleaner and touch up paint are identified on their respective packaging, Coshh sheets are available on request.

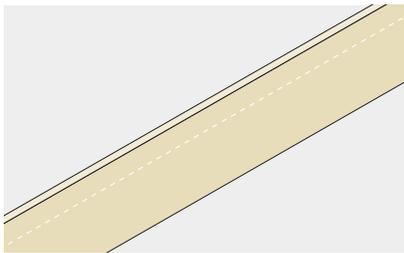
Installation - AX Moulded Gutters, Direct Fixing

AX Moulded gutters comprise extruded aluminium profiles, jointed with internal union clips. Profiles can be connected to aluminium pipework systems in either round, square or rectangular sections. AX Moulded gutters can be installed by direct fix to the fascia, or by means of support brackets. Assembly and installation must be considered with specific reference to site fixing conditions, but general aspects of preparation are shown below. This guide covers direct fixing. For bracket fixing, see separate installation guide.

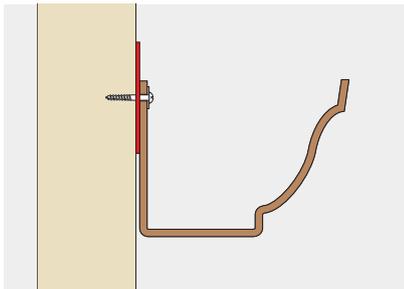
General fixing instructions



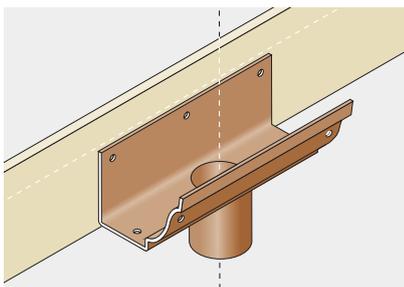
1. Using a straight edge or ruler, shim gutter brackets with 5mm clearance so that the last roof tile or slate will align with the mid point of the gutter.



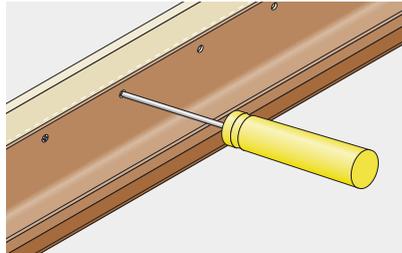
2. Using a string or laser, establish a true line of the gutter.



3. Note any uneven surfaces on the fascia and make adjustments if possible. Where shallow depressions occur, packing pieces can be used under gutter lengths.

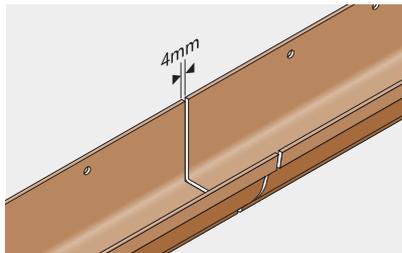


4. Plumb line outlet positions with gullies at ground level

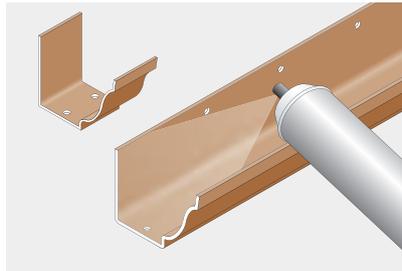


5. Fix all components and gutter lengths direct to the fascia with a single round-head screw through the back edge at 900mm centres. Drill 8mm holes 18mm from the top edge.

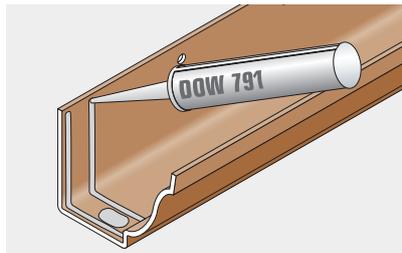
Method of jointing



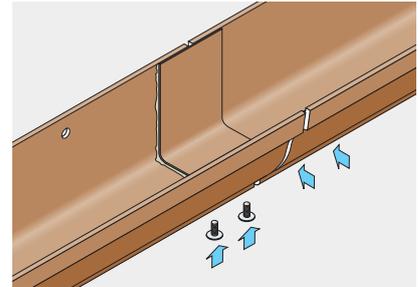
6. When joining gutter lengths, allow for a 4mm expansion gap.



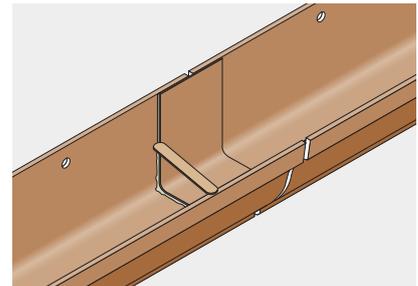
7. De-grease and clean each union and gutter length/fitting to a distance of 50mm - 100mm from the end.



8. Apply two 6mm beads of Dow Corning 791 low-modulus Type A silicone sealant either side of, and around the fixing holes. Silicone sealant must be applied only to completely dry surfaces.

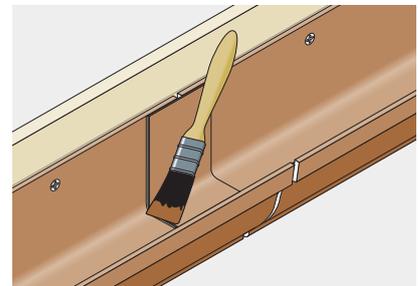


9. Secure the union to the gutter using the M6 x 20mm aluminium nuts, bolts and washers supplied. Pass bolt from outside in, and use washer and nut to secure finger-tight.



10. Tool-off displaced silicone sealant to the inside of the gutter joint. Tighten fixing bolts. Cone-off bolts and any other potential leakage points with sealant. Allow to cure for 24 hours.

Finishing



11. Use touch-up paint on all exposed nuts, bolts and washers.