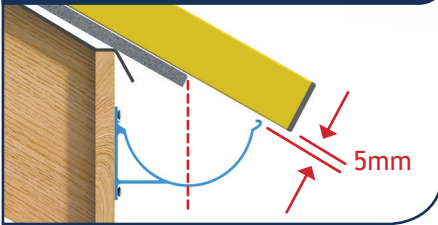


# SnapFix Installation Guide

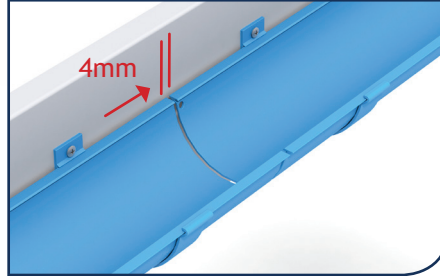
## AX Half Round - Bracket Fixing

AX SnapFix Half Round, Deep Run and Moulded extruded aluminium gutter profiles, jointed with internal union clips. A range of brackets are available to accommodate all types of eaves condition. AX SnapFix profiles can be connected to aluminium pipework systems in either round, square or rectangular sections and secured by standard or offset brackets. The installation procedure is the same for AXS Half Round, AXS Deep Run and AXS Moulded gutter.

### General Fixing Instructions



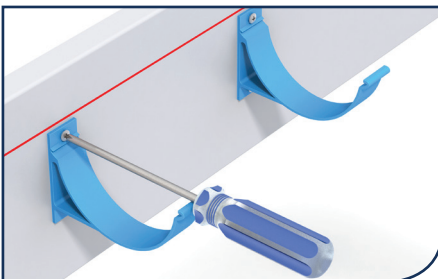
1) Using a straight edge, shim gutter brackets with 5mm clearance so that the last roof tile or slate will align with the midpoint of the gutter.



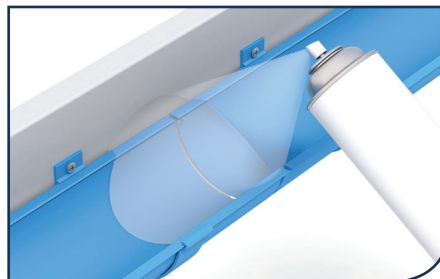
5) When joining gutter lengths, allow for a 4mm expansion gap.



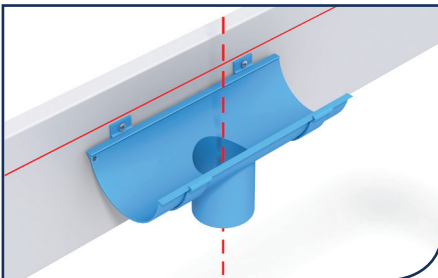
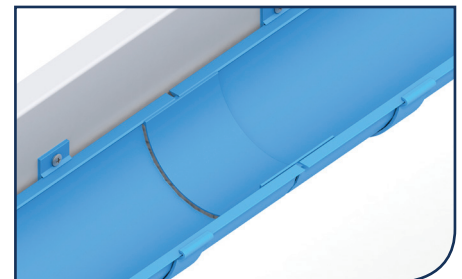
9) Tool-off displaced silicone sealant from the newly formed gutter joint. Allow to cure for 24 hours



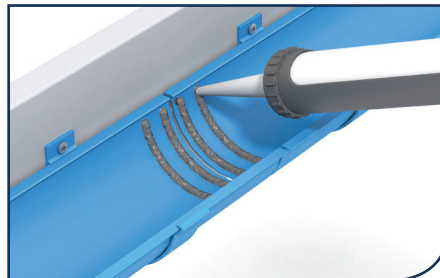
2) Using a string or laser to establish a true line and level of the gutter. Prepare to use packing pieces under brackets where there are depressions. Position fascia brackets at 900mm centres in accordance with BS EN 12056-3:2000. Fix brackets with two No 12 x 38mm round-head screws.



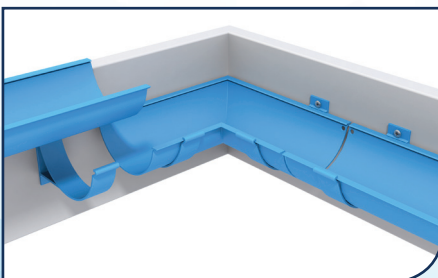
6) De-grease and clean each union and gutter length/ fitting to 50-100mm from the end.



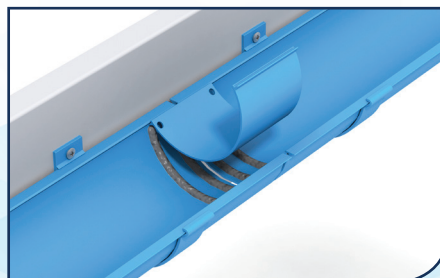
3) Plumb line outlet positions with gullies at ground level.



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



4) Offer angle pieces and outlets to the fascia. Lower gutter sections onto brackets leaving a 4mm expansion gap between gutter sections and allow enough clearance for the gutter joint before clipping gutter into brackets.



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, Cosh sheets are available on request.