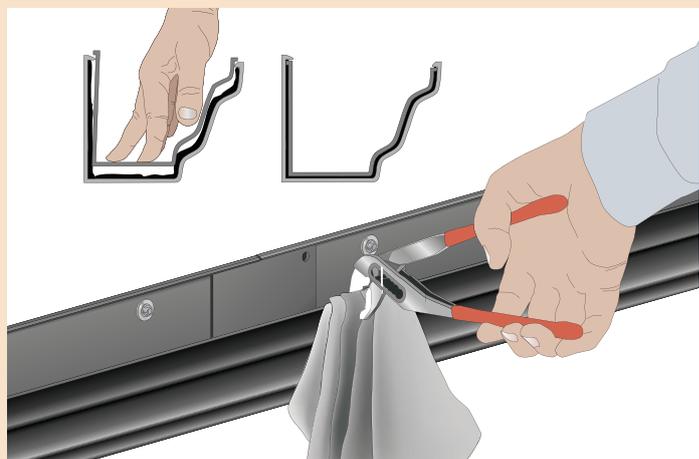
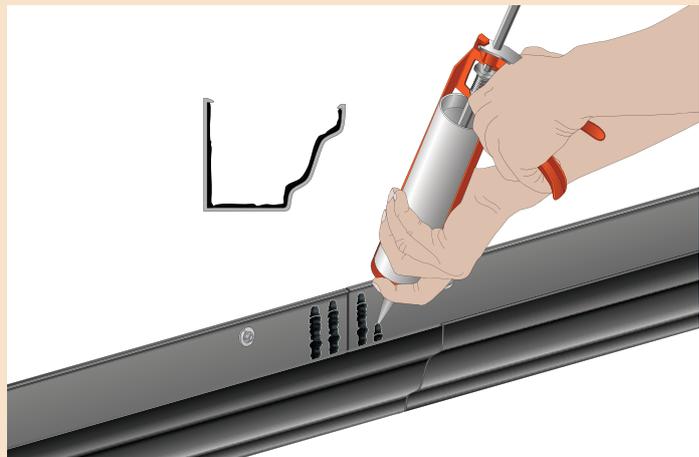
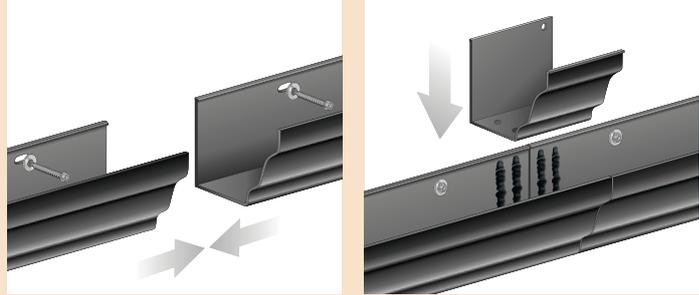


# ALUMINIUM Fixing Instructions

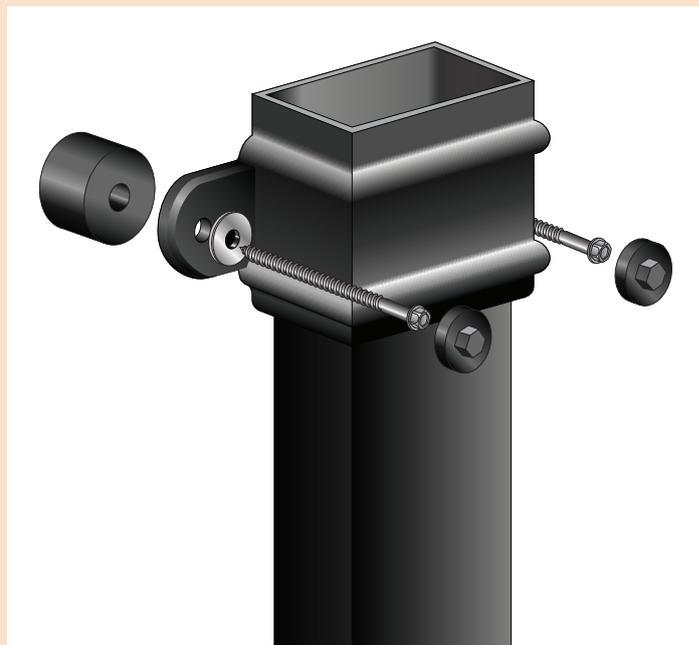
## XL & SL Aluminium Gutters

1. Place Gutter in position, fixing to fascia board at 500mm centres through oversize hole to allow for expansion and contraction using 32mm stainless steel screws and oversize washer.
2. Allow 2mm expansion gap between lengths and components.
3. Ensure all joint areas are clean, dry, dust and grease free prior to applying silicone sealant.
4. Apply two generous beads of silicone sealant to each side of the joint.
5. Place joint clip in position pressing down firmly until it snaps into position. Note: If roof tiles are in the way then the joint clip will need to be tilted slightly to manoeuvre into gutter.
6. Using a cloth to protect the finish, press the joints into place using bent pliers.
7. Re-apply additional silicone if required.
8. Gutter may be cut using a fine tooth hacksaw or power saw with aluminium blade. Ensure any burr is removed with a file.
9. Ensure any cut ends are coated using the touch up paint provided.
10. Brackets may be used if required. Brackets must be used with the 125 x 55mm XL half round gutter. Brackets should be fixed at 900mm centres however this should be reduced if snow load is a concern.



## XL & Standard Aluminium Pipes

1. Place rainwater pipe in correct position and mark wall through pre-drilled holes in ears of pipe.
2. Drill wall using appropriate masonry bit.
3. Use only stainless steel screws and place through washer provided.
4. Fix through pre-drilled pipe ears using appropriate length screws and plugs to obviate pull out.
5. When fixed securely, push on cover cap to conceal screw head.
6. Ensure pipes are plumb and offer up next pipe or component.
7. Fit in to socket leaving approx. 5mm gap for expansion and contraction.
8. Joints between sections can be pointed with silicone if required.
9. Bobbins are available to ensure a straight line to rainwater pipes where the building surface may be uneven.
10. Pipes may be cut to length using a fine tooth hacksaw or power saw with aluminium blade. Ensure any burr is removed with a file.



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