

## INSTALLATION, CARE AND MAINTENANCE OF ALUMINIUM GUTTERS AND DOWNPIPES

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### INSTALLATION OF GUTTERS

Fix gutter brackets at 900mm centres giving the correct line/fall using 5x40 stainless screws.

Outlets and angles should be positioned first followed by full lengths of gutter, and finally fill in lengths cut to length.

Ensure all joint/socket areas are clean, dry and free from dust or grease.

Apply sufficient sealant between the gutter and socket so that some squeezes out after tightening.

Insert M6 aluminium mushroom head bolt from bottom of gutter through slots formed to accommodate fixings.

Place washer and nut down on nut and tighten.

Do not over tighten.

Remove any excess sealant.

All bolts and any cut ends can be touched up using paint.

### INSTALLATION OF DOWNPIPES

Measure length of swan neck, allowing for width of collar.

Place pipe in correct position and mark wall through holes in ears of collar.

Drill wall using 8mm masonry bit.

Use stainless drive in fixings to fit through pre drilled holes.

Ensure pipe is plumb and offer up next pipe into the socket.

### CARE AND MAINTENANCE OF ALUMINIUM GUTTERS AND DOWNPIPES

All materials should be handled with care to avoid damage and stored on level ground away from traffic.

Regularly clean out gutters and ensure that swan necks are free of any blockages at all times.

Check all joints and fixings are secure by periodic inspection, not less than twice a year and preferably at the beginning of autumn and at the end of winter.

Clean polyester coated surfaces with warm water and soap to maintain good condition of paintwork. Do not clean with caustic or abrasive materials.

In aggressive atmospheres such as marine environment's and industrial areas, marine grade paint is required.

Products coated with marine grade should be cleaned in 3 month intervals to maintain optimum appearance.

### SITE TEST

Allow for sufficient curing time of the sealant.

Plug the gutter outlet and fill the gutter with water to overflow level.

The joints should then be checked visually for any evidence of leaks.