

## INSTALLATION, CARE AND MAINTENANCE OF CAST IRON GUTTERS AND DOWNPIPES

### 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 stainless 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 primer.

Remove any loose filings from cut gutter immediately to avoid rust marks.

### INSTALLATION OF DOWNPIPES

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

Drill wall using 10mm masonry bit.

Use non corrosive coach screws to fit through pre drilled holes.

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

When fixing to an unstable surface it is advised to use an epoxy resin in pre drilled holes.

### 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.

Cast iron comes with a grey primer coat and requires an additional three coats of paint to provide the necessary level of protection prior to installation.

Two coats of undercoat should be applied followed by a gloss exterior coat or one coat of undercoat followed by two coats of gloss.

Any cuts or drilling carried out must be protected with paint immediately to prevent rusting, this touch up work applies to any bolts, nuts and screws used during assembly.

### 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.