BEFORE YOU START

General Site Working

BS 8000 Workmanship on building sites, Parts 13 through to 16 with respect to above ground drainage and sanitaryware appliances are relevant in general terms.

Handling and Storage

Gutters, downpipes and fittings, particularly with polyester powder coat finish should be handled with care and preferably stored under cover on racks to prevent scratching. Whilst not known to pose any health hazard, it is recommended that protective gloves be worn when handling mill finish aluminium.

All lengths are supplied in a protective polythene wrapping with components similarly wrapped and stored in cardboard boxes. If painted product is to be stored outside, cover with a tarpaulin to protect against rainfall and direct sunlight. Failure to do this may allow water to get trapped inside the protective wrapper and could lead to permanent watermarks on the paint finish. Mill finish items should be stored under cover to avoid uneven oxidization prior to be fitted.

Cutting and Drilling

Downpipe sections may be cut on site using standard metalworking tools, however the use of angle grinders is not recommended. Where downpipes or fittings are powder coated, then cut edges should be de-burred and then repainted with touch-up paint (available from ARP).

Jointing

Where required, any use of sealant must not be carried out in wet weather or in temperatures below 5ºC or above 50ºC. All joint surfaces must be perfectly clean and dry. Only a low modulus sealant (ARP Arbosil 1096) must be used to prevent early failure.

Fixing

It is important that all fixings are suitable for both the substrate and the load. They must therefore be of the appropriate size and of a compatible material to ensure no electrolytic corrosion occurs. ARP recommends that stainless steel (preferably austenitic) screws must be used to fix downpipes or associated components.

Materials Checklist

- Spirit level/straight edge ☐
- Suitable screwdriver/attachment ☐
- Sealant caulking gun ☐
- Pencil or chalk ☐
- String or laser line ☐
- Hacksaw/electric jigsaw/chopsaw ☐
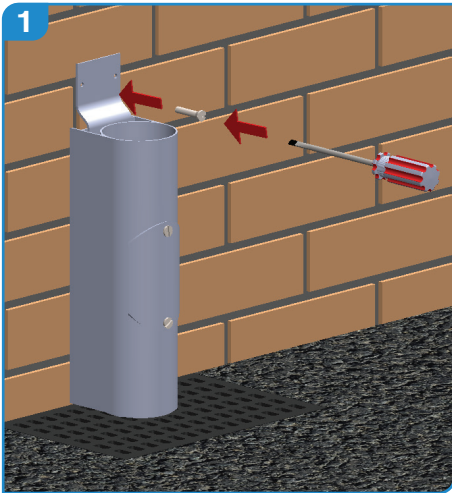- Tape measure ☐
- Small wrench ☐

All dimensions shown in mm unless otherwise stated.

DOWNPIPE FIXING

We advise that you ensure the fixing background is in good condition and will support the downpipe and that there are sufficient clips/brackets in place to secure the load.

When fitting Colonnade security downpipes, start from the gully and work upwards towards the outlet. Make sure you have the right combination of offsets/bends/branches and pipe to complete the installation.
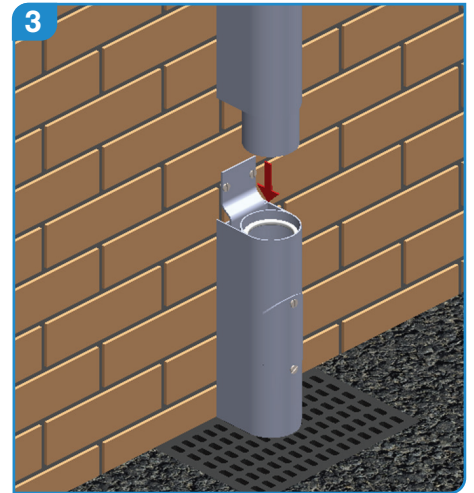
Maximum fixing centres is 2 metres – using correct stainless-steel fixings and plugs for the substrate being fitted to.
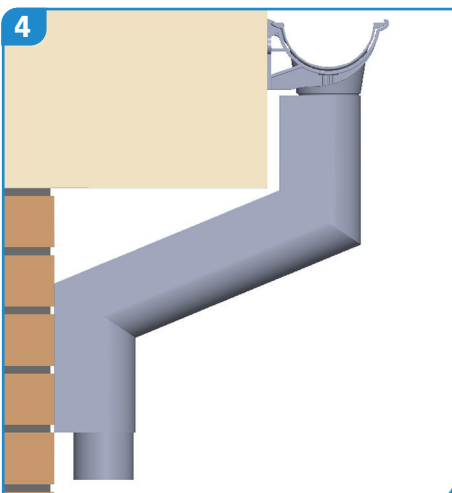

Ensure vertical alignment between drain and gutter outlet. A drain adaptor or offset may be required to terminate the pipe work into the gully. Slide the main fixing plate into the top of the pipe, attach clamp and secure with M6 nuts supplied. Fix to the wall using plastic wall plugs and stainless steel screws (dependant on substrate).
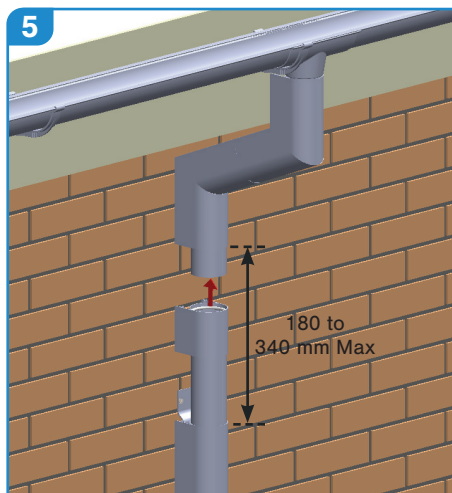

As per local building regulations, if a shoe is not installed access pipes should be fitted and positioned to give suitable rodding access as required.

Apply a bead of sealant to the internal face of the pipe to be jointed before inserting spigot of next pipe. Clean off excess sealant as required.
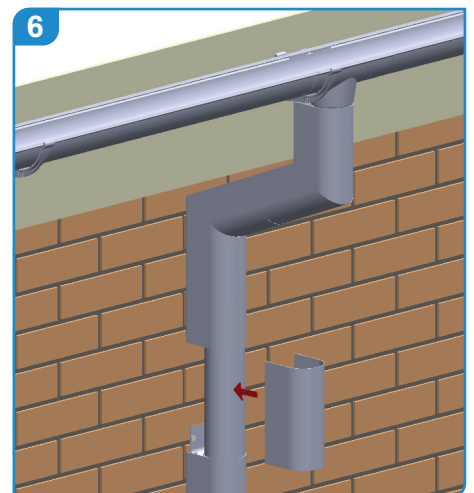

Position next pipe and fix back with 2 No. fixing screws.

Adjust the offset to suit the projection.

180 to 340 mm Max

Top of last pipe is required to finish 180 - 340 mm max beneath the offset.

Place telescopic section into top of pipe, position offset, then raise the telescopic section to connect with the offset. Carefully measure and cut cover piece.

Once connected place cover position over telescopic section using 2 beads of sealant to fix in place.

ⓘ Any cut lengths should be de-burred and touched up with touch-up paint supplied prior to installation. For more information or further assistance, please contact us.

All dimensions shown in mm unless otherwise stated.

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