



# Installation Guide

## Start to install drainage quicker...

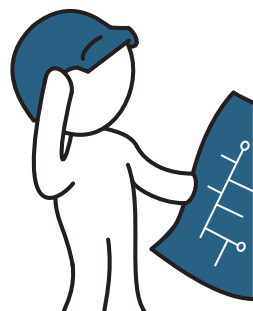
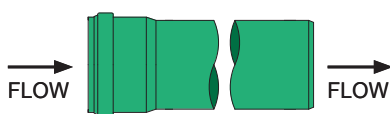
With the polypropylene pipe and fittings designed with a socket & spigot, joining is simply pushing the fittings together.

Refer to the technical section for installation recommendations & more information.

**Start here**

### Follow the flow rule...

Push together drainage is directional; the water flow must travel socket to spigot.



### Check for suitability...

Confirm the stainless steel and the ring seal (eg SBR) are suitable for the application and situation. Some chemicals and environments can be unsuitable, please ask us if unsure.

### Ring Seal Colours

SBR ring seals are supplied as standard unless ordered otherwise.

Colour	Material	Temperature*	
		Min	Max
Black	SBR	-20°C	90°C
Black	NBR	-20°C	90°C

\* Maximum continuous temperatures.

For ring seal suitability with chemicals and other applications, please contact us for assessment.

## This guide is only for standard applications.

For specific or specialised applications please contact us first - [www.auspress.com.au](http://www.auspress.com.au)

### Ordering & Design

Drainage pipe is available in different lengths (from 500mm to 6m) so choose the length closest to what is needed to reduce offcut waste.

### 1 Cut Pipe to Length

Cutting to length is easy using a suitable fine tooth hand saw or plastic pipe cutter;

- Cut the pipe square (wrap-around tape & mark) or,
- Use a cutting guide frame/box for assistance.

Pipes are supplied with a socket and a spigot end; cut off from the spigot end keeping the socket. Using offcut spigot-spigot pipe pieces is not recommended.

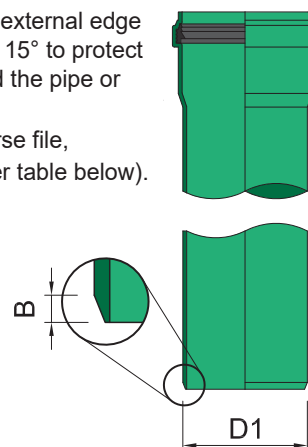
Note fittings are not to be cut.

### 2 Bevel the Cut End

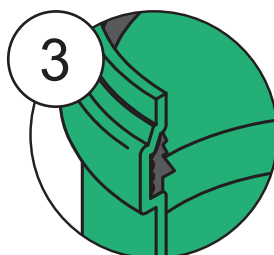
Each cut spigot requires the external edge to be bevelled to an angle of 15° to protect the ring seal and help to lead the pipe or fitting into the socket.:

- Use a bevelling tool or coarse file,
- Bevel the pipe to ~15° (refer table below).

D1	B
110	6
160	7
200	9
250	9
315	12
400	15
500	18



**3**



### Inspect & Lubricate the Ring Seal

In the socket, check that the ring seal is:

- The correct material specified and,
- With the mitred edge facing inwards and,
- Not damaged and is free of debris.

Apply a small amount of joining lubricant to the ring seal inside the socket. We stock a silicon based lubricant.

Do not use oil or grease as a lubricant, this may damage the ring seal material.

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### Push, Twist & Pull

Using a slight twisting movement, push the spigot fully into the socket.

Mark the full insertion depth with a texta on the spigot end of the pipe/fitting.

Then, retract 10-12mm from the socket to allow for expansion & contraction to occur within each socket.