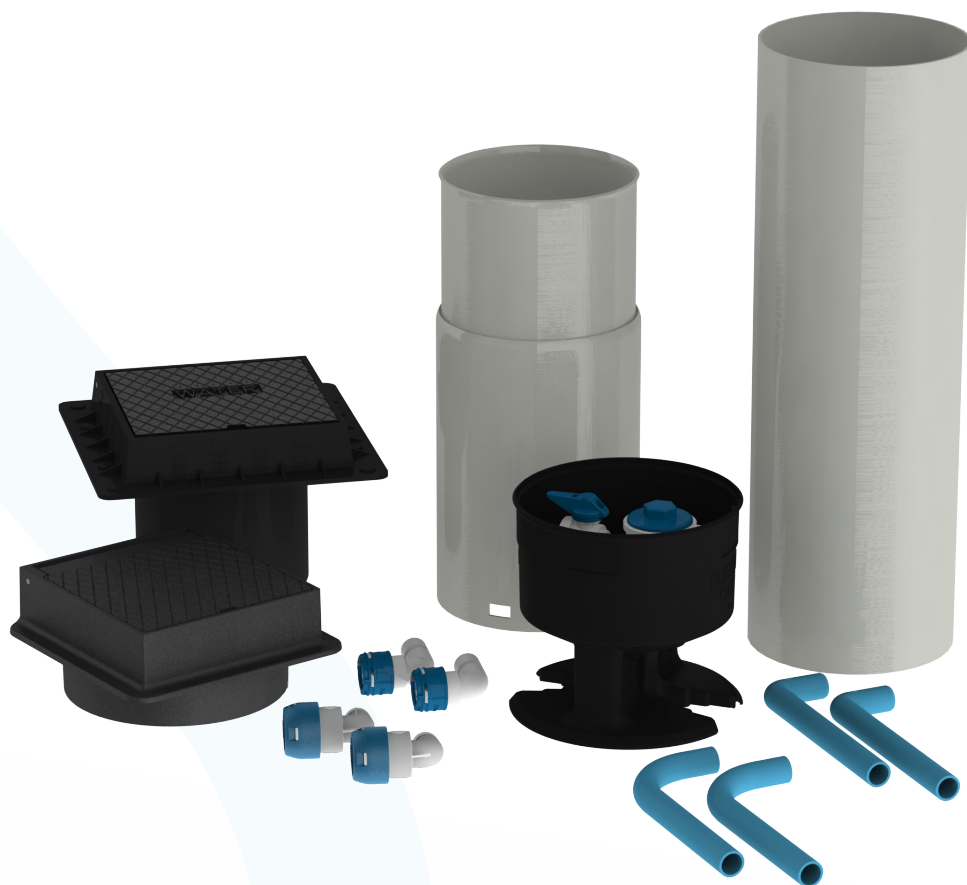




EQUIPMENT REQUIRED

Base (with manifold)
Guard tube (rigid or telescopic)
Surface box and lid
Frost plug

Optional:

Water meter
Outlets - MDPE tails or pushfit

SAFETY FIRST

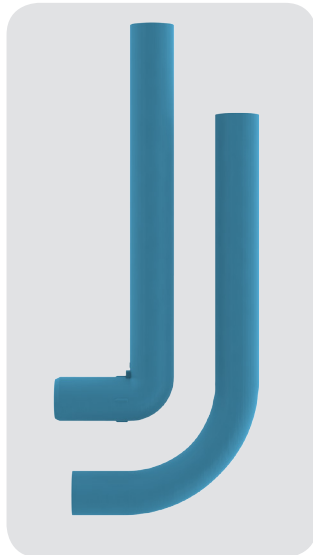
Personal Protective Equipment Must Be Worn



25MM MDPE TAILS (STANDARD OR SWEEP)

STEP 1A

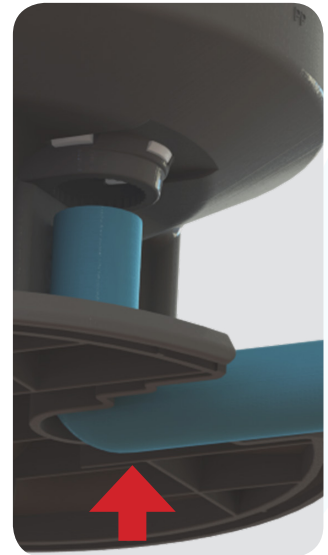
The moulded or swept 25mm MDPE tails are 150mm long and allow for connection to adaptors of your choice.



STEP 1B

Push the short end directly into the bottom of the base.

Note: The tails have been specially designed so they do not require a liner on the short end.



25MM OR 32MM TRULOCK® PUSHFIT

STEP 2A

The Trulock® pushfit fitting allows for a compact connection direct to 25mm or 32mm MDPE pipe.

Note: Inspect pipe work before fitting Trulock pushfit elbows as they are permanent once fitted.



STEP 2B

Push the fitting directly into the bottom of the base until at least 2 positive clicks are heard.

Note: No liner required for fitting into boundary box.

Push the inlet and outlet pipes into the manifold until it meets the back of the pushfit housing and the pipe is fully gripped using text on the base as flow guidance.

Insert provided liner into pipe and then push pipe fully into elbow.



DIRECT PIPE CONNECTION

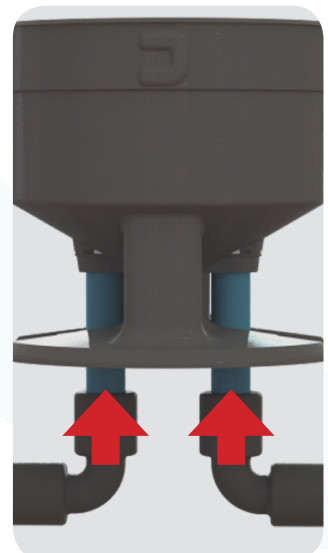
STEP 3A

The Flexifit® is designed so as to allow for a direct 25mm MPDE pipe connection into the bottom of the chamber, providing extra configurability and the ability to raise the chamber as required.



STEP 3B

Insert liners into the end of the pipes you will be connecting to and push directly into the bottom of the base using text on the base as flow guidance.

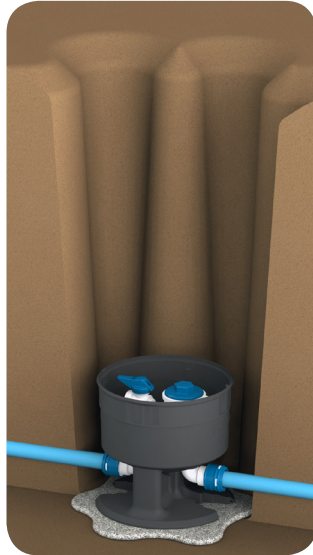


BOUNDARY BOX C/W RIGID TUBE

STEP 4A

Once the meter chamber has been connected to the water mains, the guard tube is attached and the ground is packed around it.

The Trulock® pushfit outlets are used in this example.



STEP 4B

Push the guard tube into the base.

Identify surface level and mark on the tube for reference.

Detach the guard tube from the base again.



STEP 4C

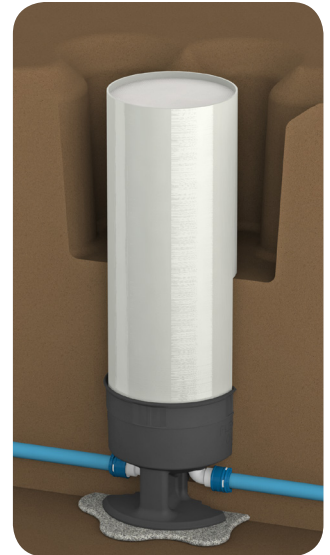
Using a saw, cut the tube to accommodate the surface box to be used.

Push the guard tube back into the base.



STEP 4D

Using a frost plug or similar, cover the guard tube. This will prevent debris getting inside the box.



STEP 4E

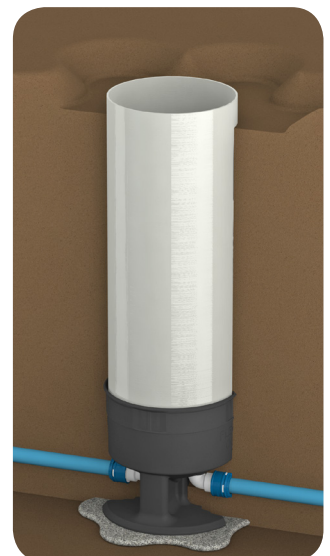
Progressively backfill the hole up to a level that is suitable to be able to fit the frame of the surface box onto the guard tube.



STEP 4F

Continue to next step - surface box installation.

For best practice, please refer to the HAUC(UK) regulations.

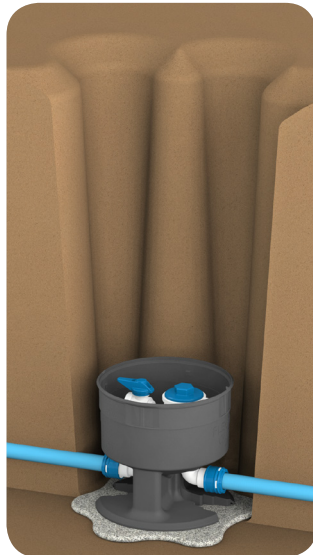


BOUNDARY BOX C/W TELESCOPIC TUBE

STEP 5A

Once the meter chamber has been connected to the water mains, the guard tube is attached and the ground is packed around it.

The Trulock® pushfit outlets are used in this example.



STEP 5B

Using the arrows on the base for alignment with the holes in the tube, push the tube into the base until a positive click is heard.

Extend telescopic tube until it is above surface.

Adjust height of the top of the telescopic tube until top of the tube is in line with the ground surface.



STEP 5C

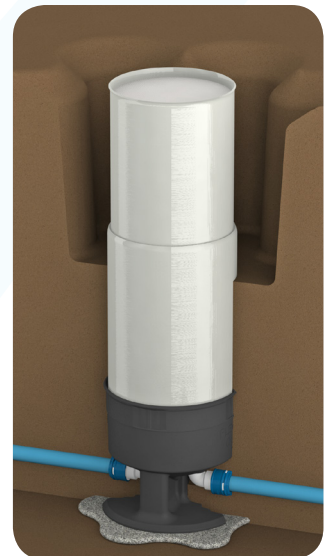
Should the tube be pushed down too far it can easily be pulled back up again using the tabs on the bottom of the base as foot rests.

Do not push or pull the tube in any way that could damage the service pipe it is connected to.



STEP 5D

Using a frost plug or similar, cover the guard tube. This will prevent debris getting inside the box.



STEP 5E

Progressively backfill the hole up to a level that is suitable to be able to fit the frame of the surface box onto the guard tube.



STEP 5F

Continue to next step - surface box installation.

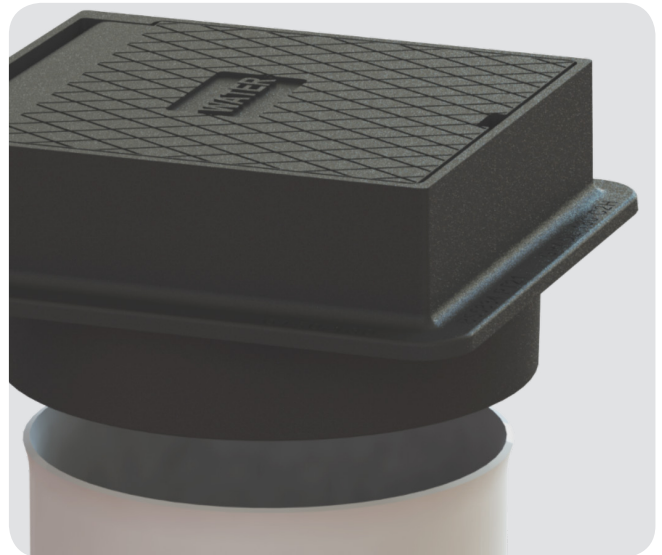
For best practice, please refer to the HAUC(UK) regulations.



SURFACE BOX INSTALLATION

Fit the surface box over the tube and backfill around and under the box, make sure that the surface box is supported by the backfill and not by the guard tube.

Make sure that the surface box and lid are at the correct height so as it is in line with the ground where you are installing.



METER INSTALLATION

Turn the crutch to the OFF position to turn off water.

Remove blue meter cap using 27 mm hex cap.

Insert water meter into the cavity where the blue cap sat using manufacturer's guidelines.

Note: Ensure the meter manufacturer's O-ring or washer is used, not the one supplied with the blue cap.



PLEASE NOTE...

Pushfit - The chamber connections are pushfit not compression, so tightening the pushfit housing over 6 Nm will not improve the seal but may damage the fittings.

Tube Length - Be sure to cut the tube to the correct length as compacting the lid down onto a tube that is too long may result in damage to the manifold inlet and outlet.

Quarter-Turn - Should the quarter turn stopcock become detached from the manifold, simply push it back on.

Installation Depth - WRAS Water Regulations Guide requires water pipers to be installed to a minimum of 750 mm underground but no more than 1,350 mm, if it is not possible to install to 750 mm, adequate insulation should be used.