



EQUIPMENT REQUIRED

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

Optional:

Water meter
Adaptors (if used with Female Iron)

SAFETY FIRST

Personal Protective Equipment Must Be Worn



RIGID TUBE INSTALLATION

STEP 1

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

The 25 mm pushfit outlets are used in this example.

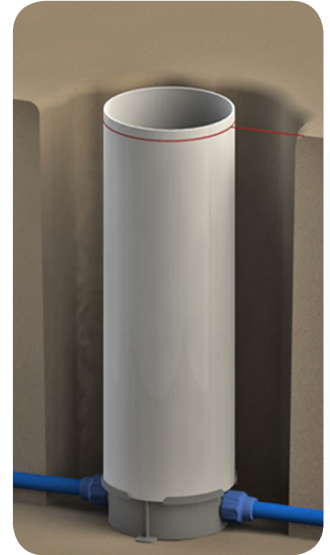


STEP 2

Push the guard tube back into the base.

Identify surface level and mark on the tube for reference.

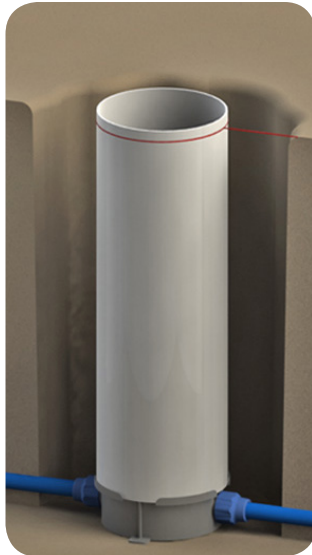
Detach the guard tube from the base again.



STEP 3

Using a saw, cut the tube to accommodate the surface box to be used—usually around 25 mm below the marked surface level.

Push the guard tube back into the base.



STEP 4

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



STEP 5

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 6

Continue to surface box installation.

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

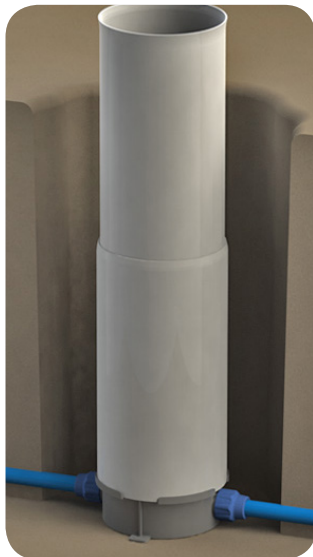


TELESCOPIC TUBE INSTALLATION

STEP 1

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

The 25 mm pushfit outlets are used in this example.



STEP 2

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

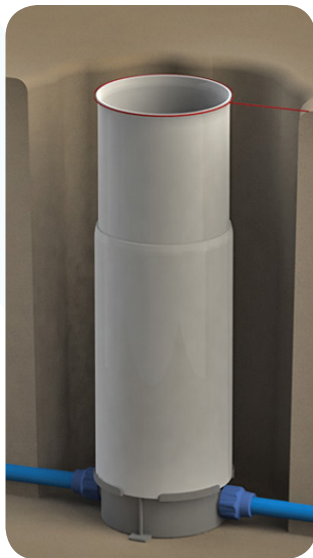
Adjust the height of the top of the telescopic tube until the top of the tube is in line with the ground surface.



STEP 3

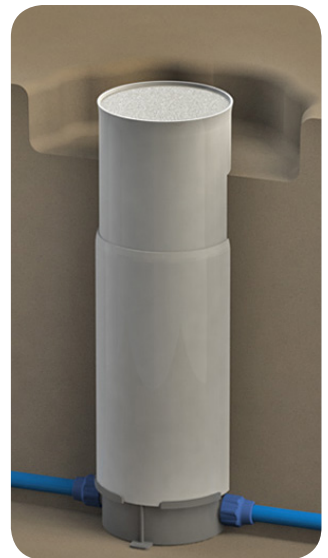
Should the tube be pushed down too far it can easily be pulled back up again using the tabs on the bottom of the base as foot rests.

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



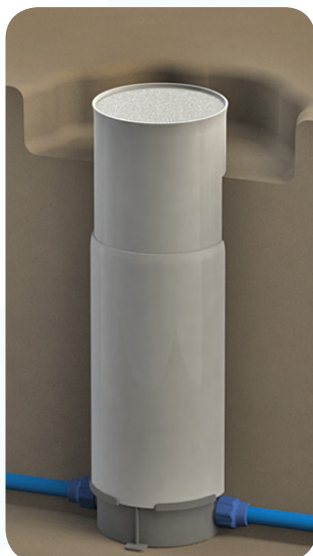
STEP 4

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



STEP 5

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 6

Continue to surface box installation.

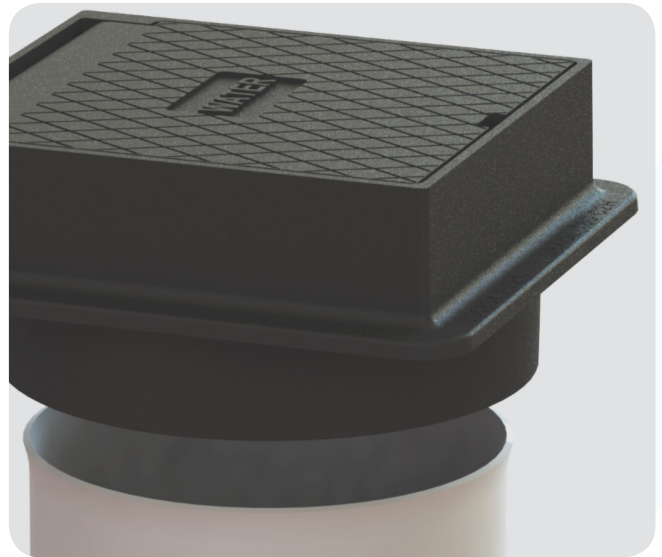
For best practice, please refer to the HAUC(UK) regulations.



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.