

# INSTALLATION INSTRUCTIONS

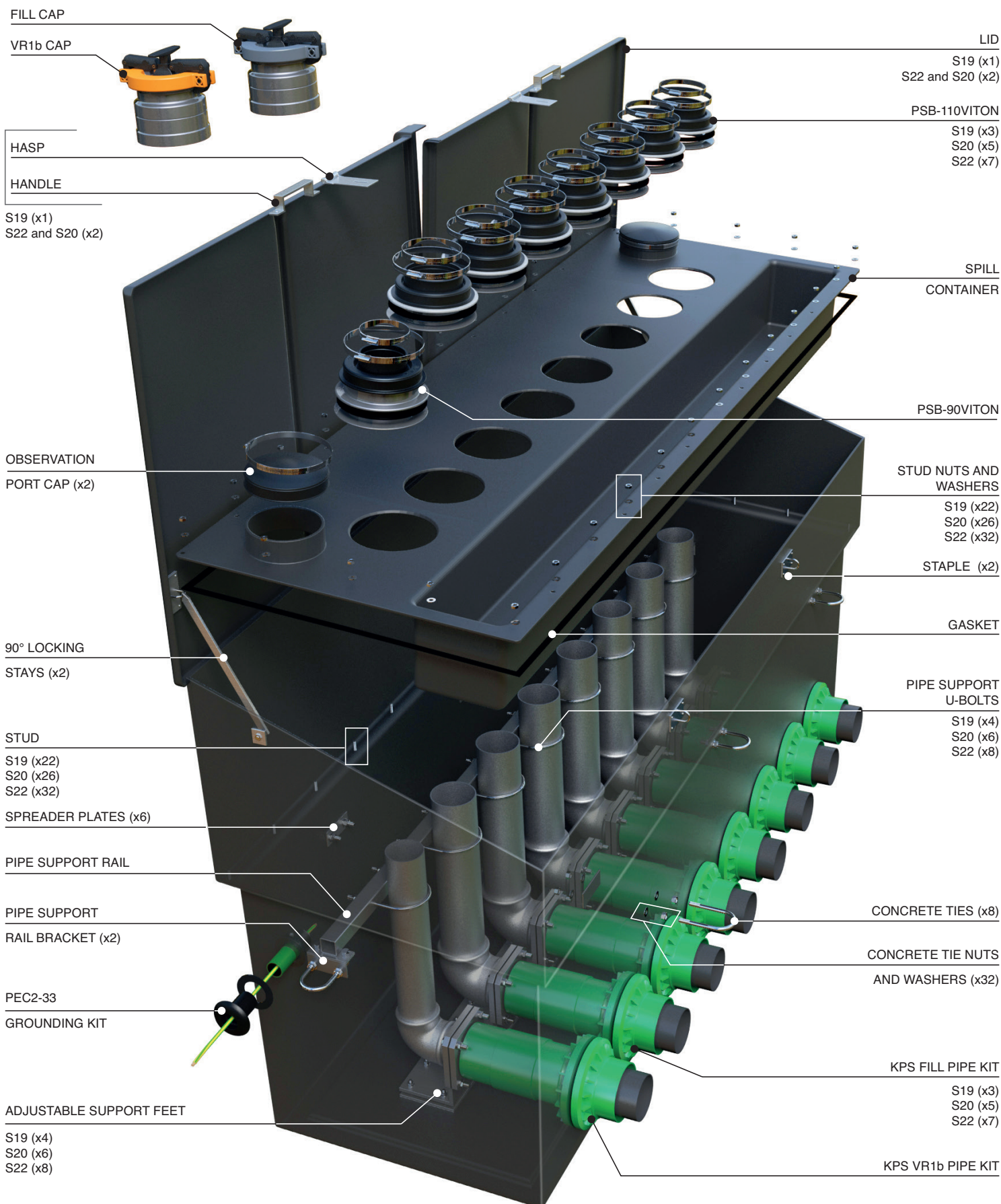
S19, S20 and S22 Above Ground Fill Systems with KPS Pipework

# FIBRELITE

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Installation Instructions  
for the following  
systems

S19-2-AGF-K31  
S20-AGF-K51  
S22-2-AGF-K71



## S19, S20 and S22 Above Ground Fill Systems with KPS Pipework

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Technical drawing of a FORCOURT wall section. The drawing shows a cross-section of the wall with a base layer and a main body. The base layer is labeled with dimensions: S19 = 1700 x 1200, S20 = 2200 x 1200, and S22 = 2800 x 1200. The main body of the wall has a height of 781 and a base thickness of 100. The drawing also indicates that haunching is permitted at the base. The top of the wall is labeled FORCOURT.

Prepare concrete slab at the correct height and install the sump ensuring that it is level. Measurements from the external base of the sump to forecourt level must be adhered to.

Technical drawing of a window blind assembly, showing a side elevation and a top-down view of the slat mechanism.

**Side Elevation:** The drawing shows the profile of the blind with three vertical supports. The top rail is labeled with dimensions: 225 MAX and 125 MIN. The bottom rail is labeled with a dimension of 25.

**Top-down View:** This view shows the arrangement of slats. The slats are labeled with their respective counts:

- S22 = 8 No.
- S20 = 6 No.
- S19 = 4 No.

The slats are arranged in a row, with dimensions indicating the spacing between them (250) and the total width (225 MAX, 125 MIN). The slats are shown in a perspective view, with the top rail and bottom rail visible.

S19 = 4 No.  
S20 = 6 No.  
S22 = 8 No.

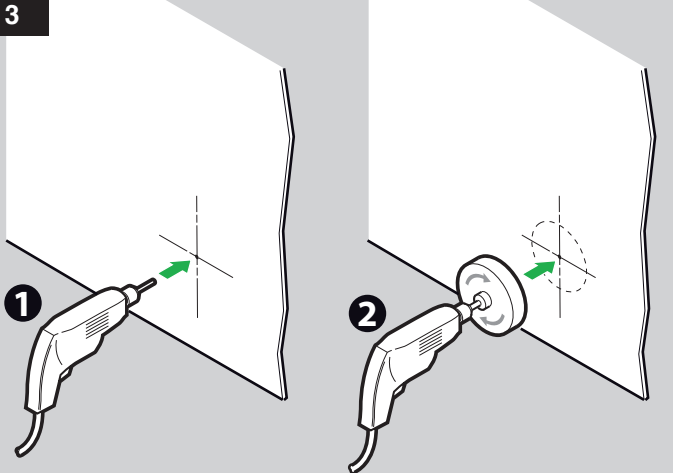
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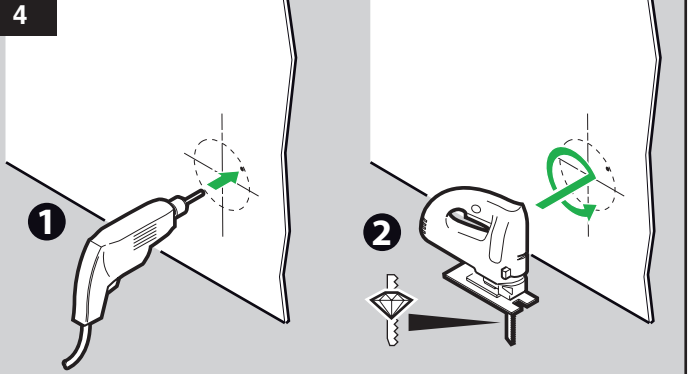
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3



Drill a pilot hole to ensure the hole saw can be positioned and used safely.

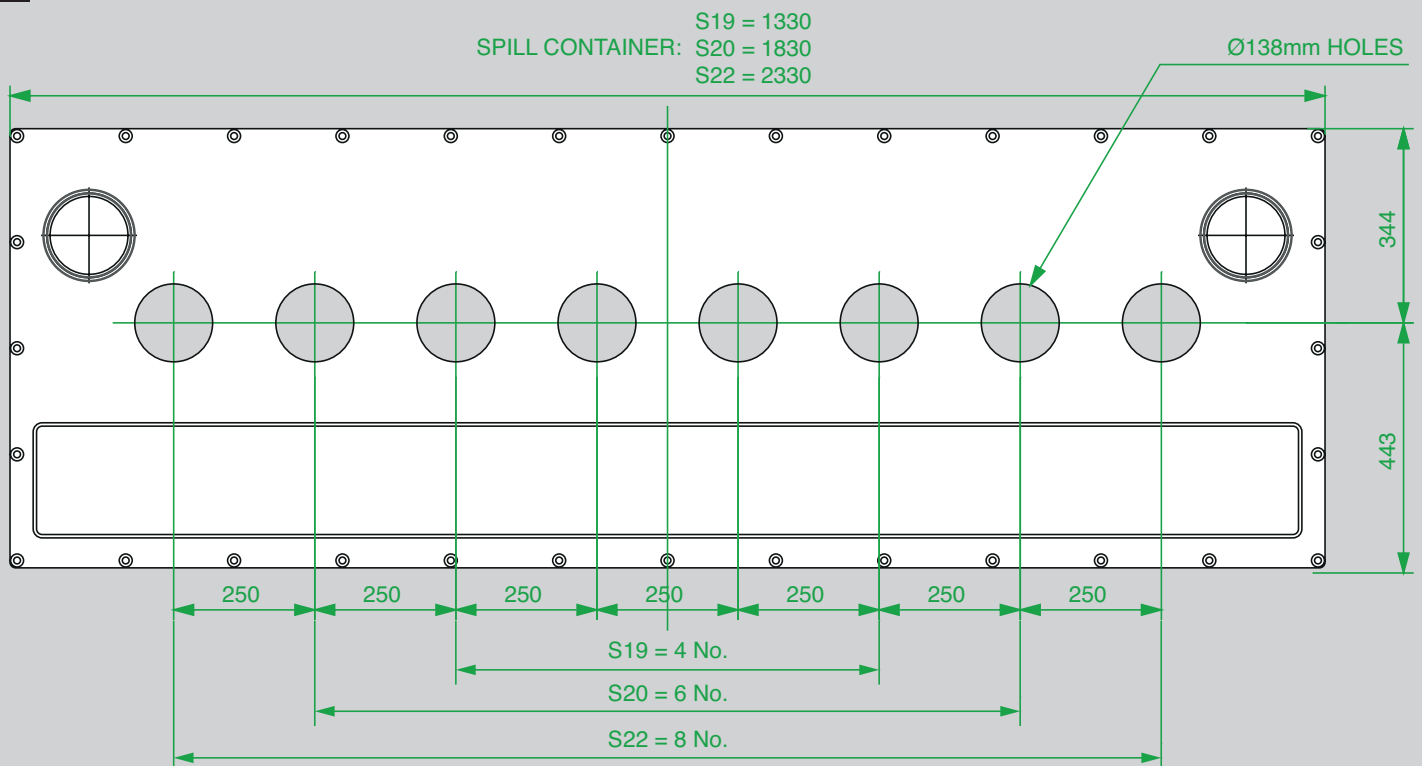
4



For larger holes (190mm) we recommend that the hole is marked and jigsaw is used to cut the hole. Firstly, drill a hole through the wall, so the jigsaw can be inserted and used easily and safely.

*(Fibreglass will blunt normal blades very quickly, we recommend diamond tipped blades or blades to cut ceramics).*

5



Mark out and drill the required number of holes at Ø138mm, 250mm accross centre in the spill container as per step 3.

S19 = 4 No.

S20 = 6 No.

S22 = 8 No.

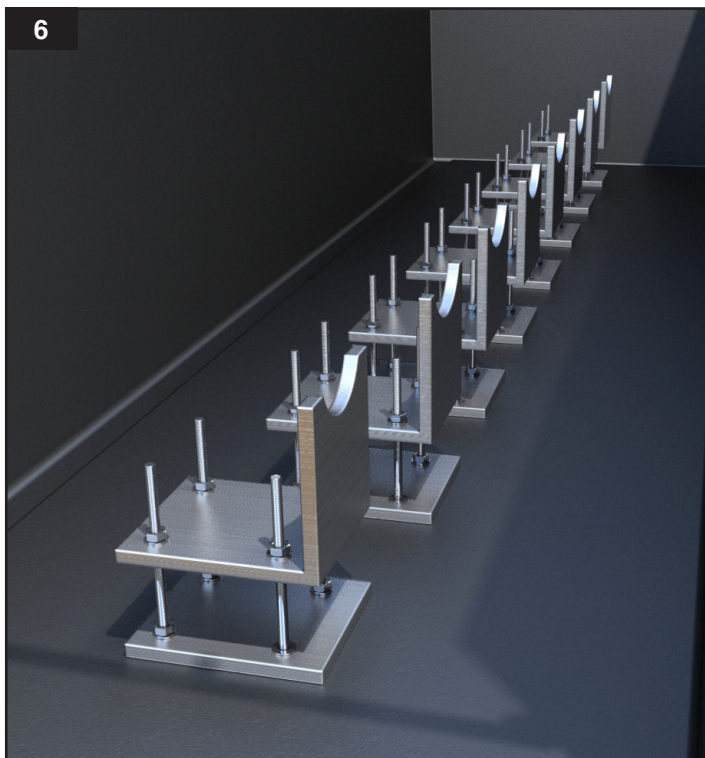
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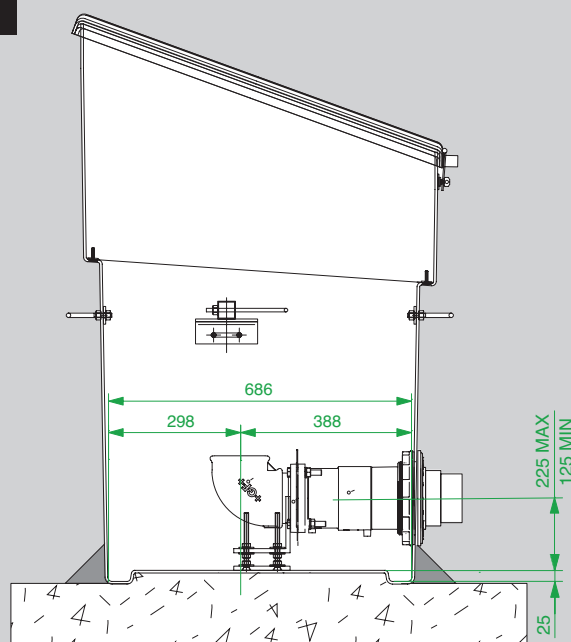
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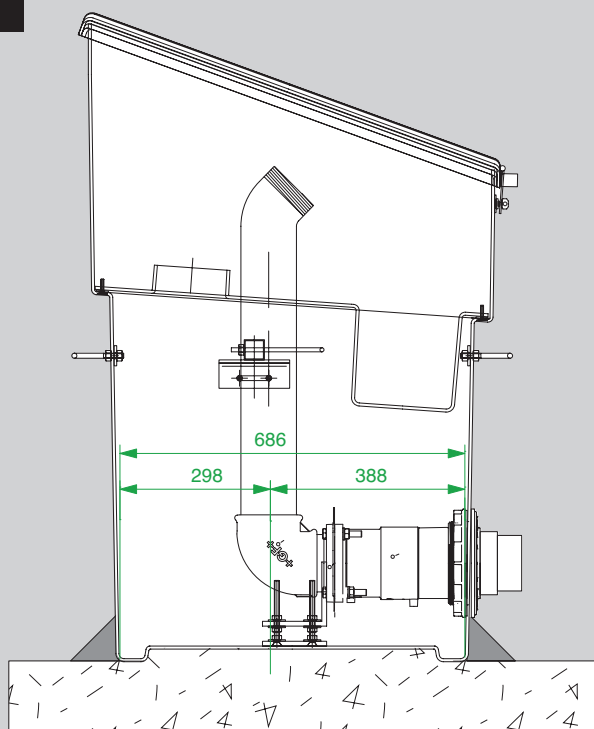
Place the support feet loosely into position.

7



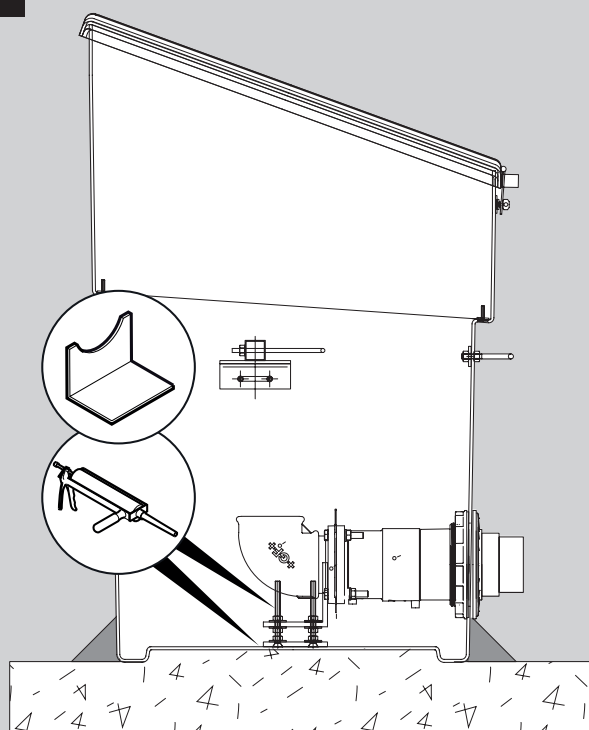
Install the horizontal section of the pipework, setting back the riser apertures 388mm from the front of the sump base.

8



Loosely fit the spill container and risers to make sure the elbow positions are correct. Once this is confirmed, remove the risers and spill container.

9



Bond the pipework support feet to the base of the sump with a small bead of sealant.



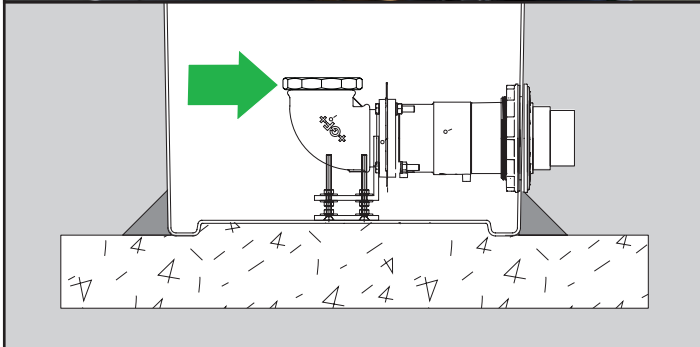
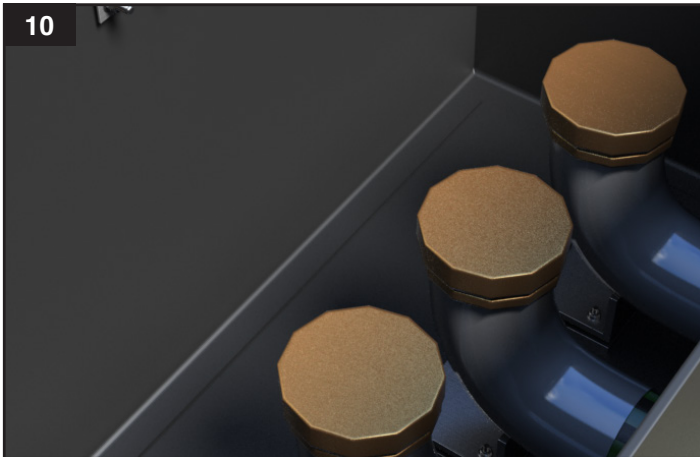
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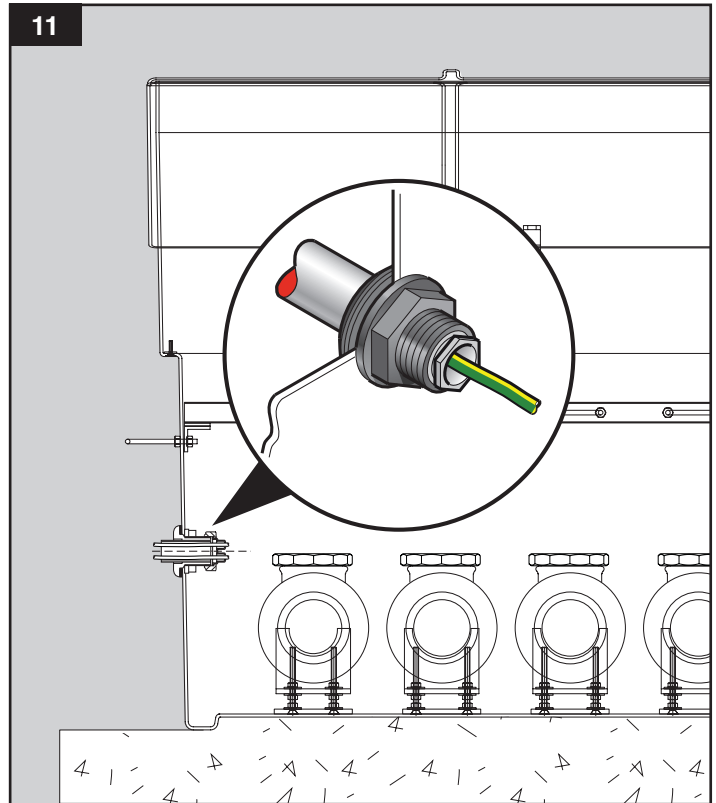
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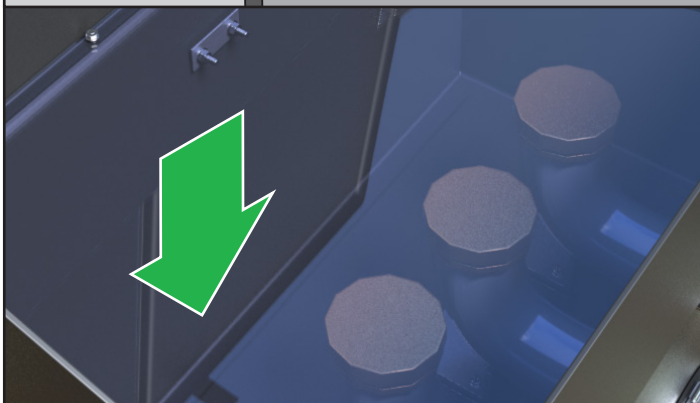
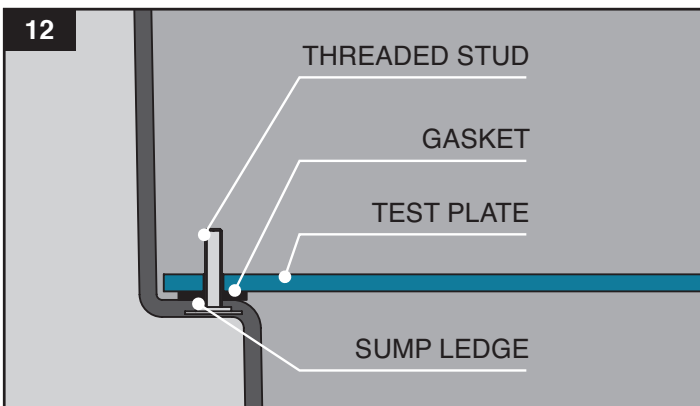
Plug off the 'open' pipework. NB: The pipework cannot be completed in the vertical stage until this test has been completed.

11



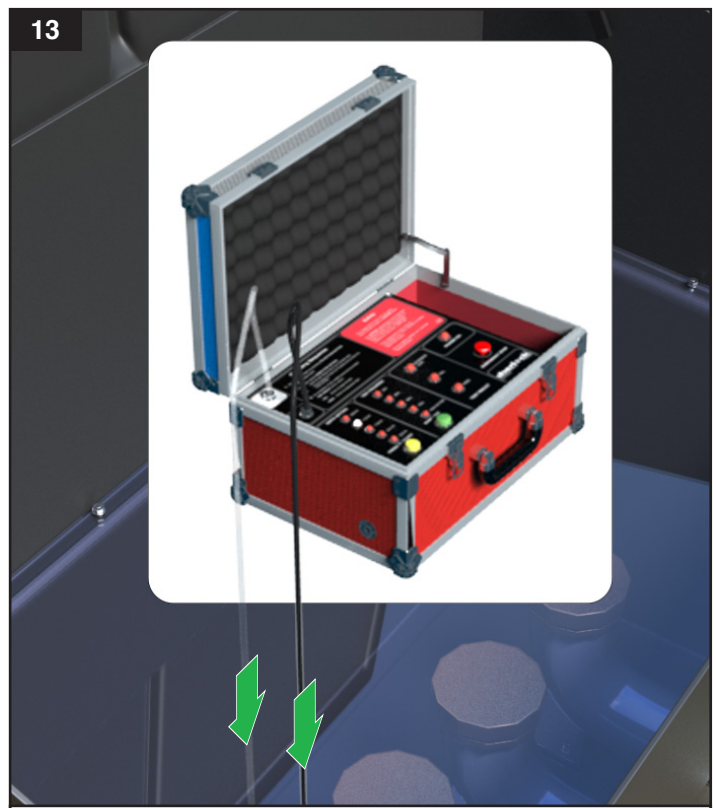
Make all electrical penetrations and connections inside the sump.

12



Locate the test plate over the threaded studs on the sump ledge and fit.

13



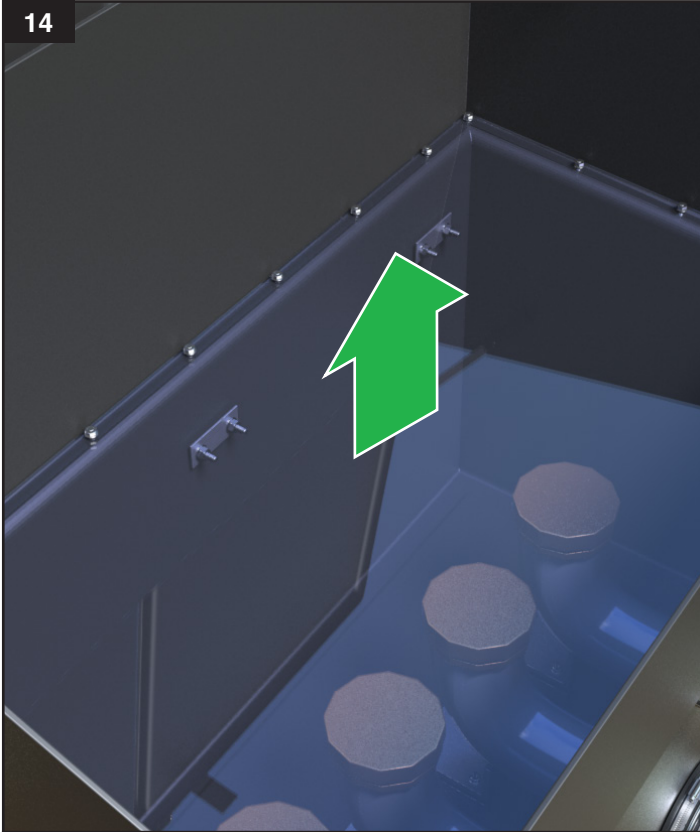
Connect the vacuum hoses to the plate and commence test. The test module must only be set to a depth setting of 0.6m.

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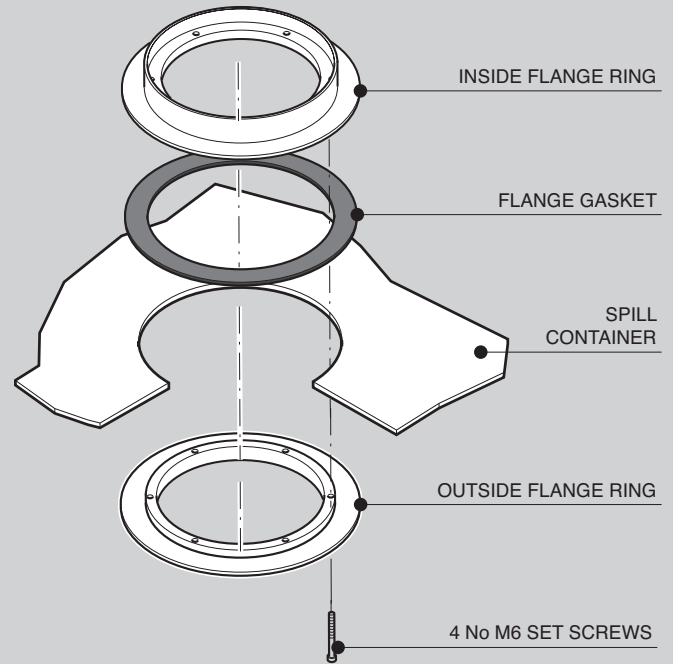
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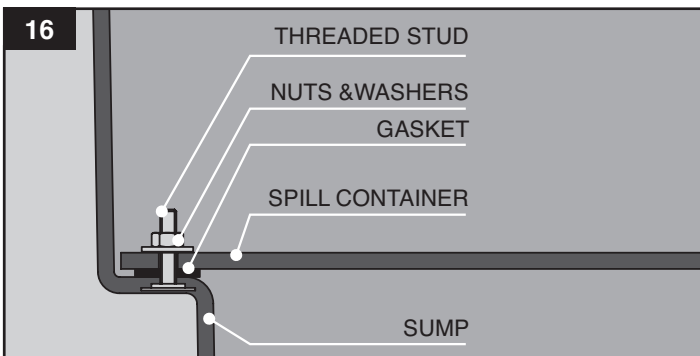
Once the test has been successfully passed, remove the spill container and pipe plugs.

15



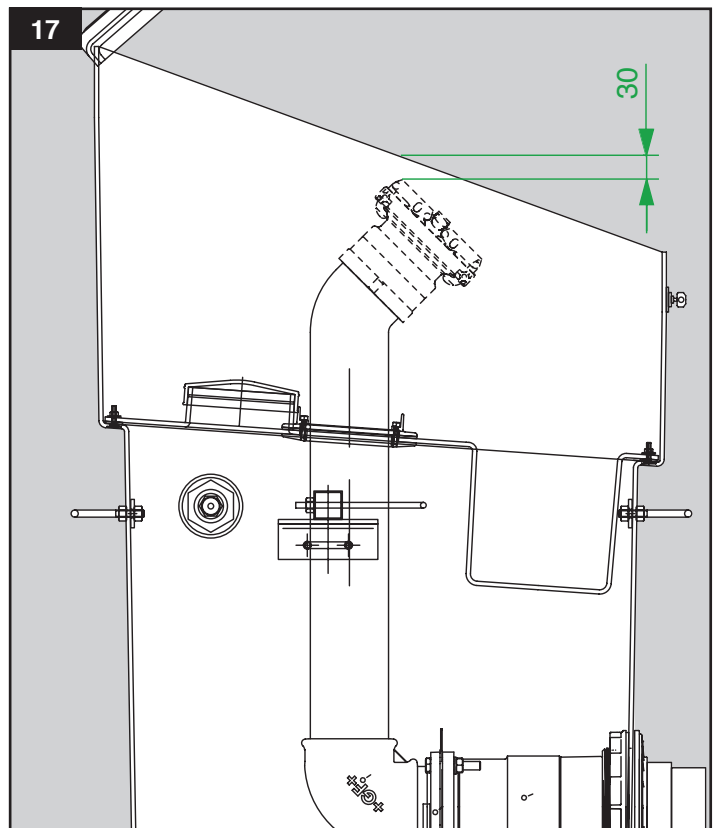
Fit the above pipe seal kit components onto the spill container.

16



Fit the spill container ensuring that it is securely fitted to the sump with the gasket, bolts and washers.

17



Cut the riser pipes at the threaded base so there is a minimum of 30mm clearance from the top of the caps to top of the sump.

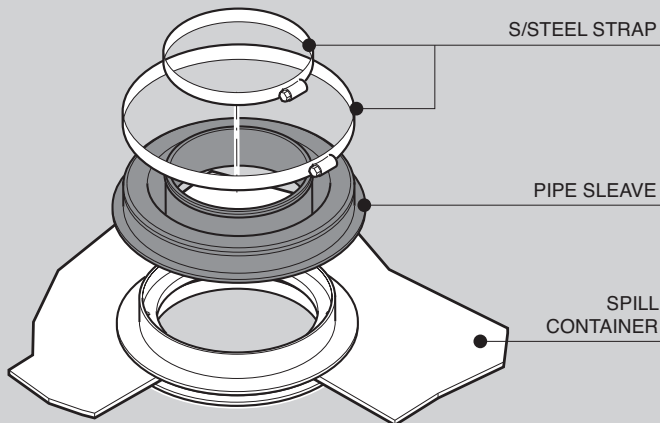
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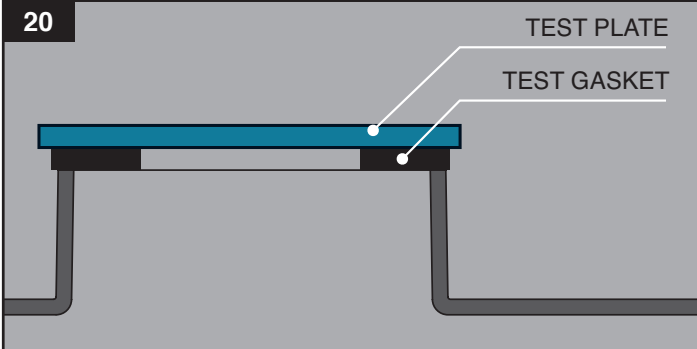
Secure and seal the risers by fitting the above pipe seakit components onto the spill container.

19



Fit the fill and VR1b caps.

20



Remove one of the inspection caps and replace it with the test plate and gasket. Ensure the other one is securely fitted.

21



Connect the vacuum hoses and commence the test. The test module must only be set to a depth setting of 0.6m.

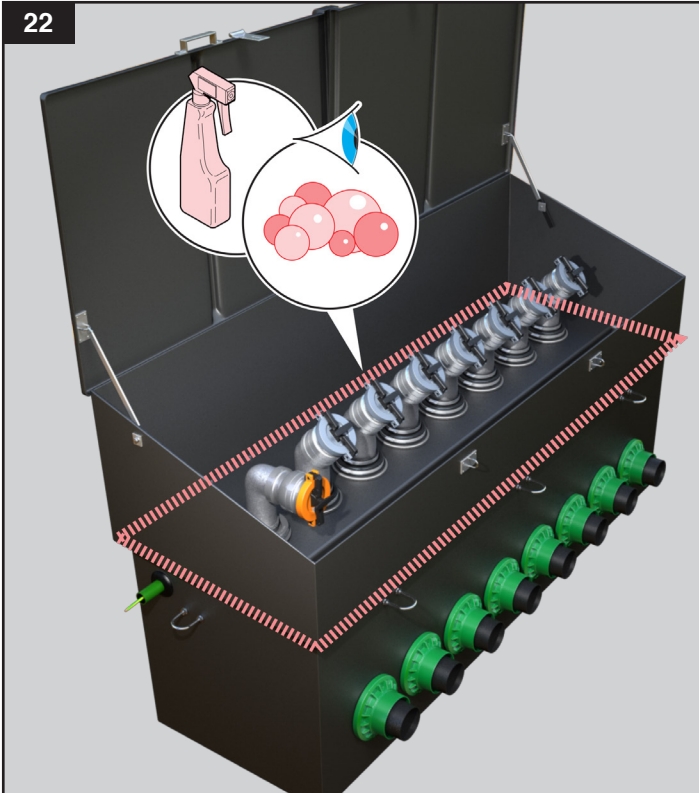


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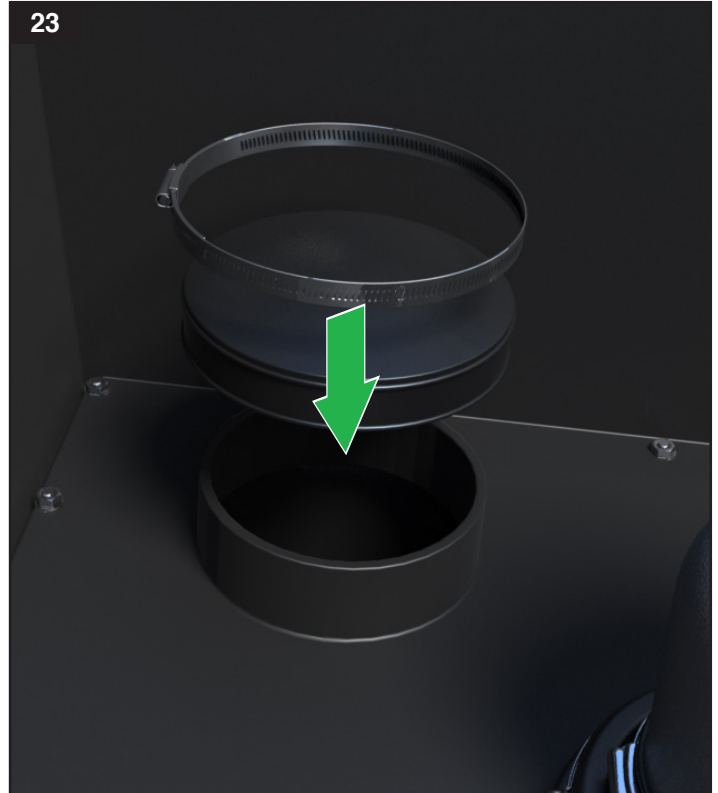
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22



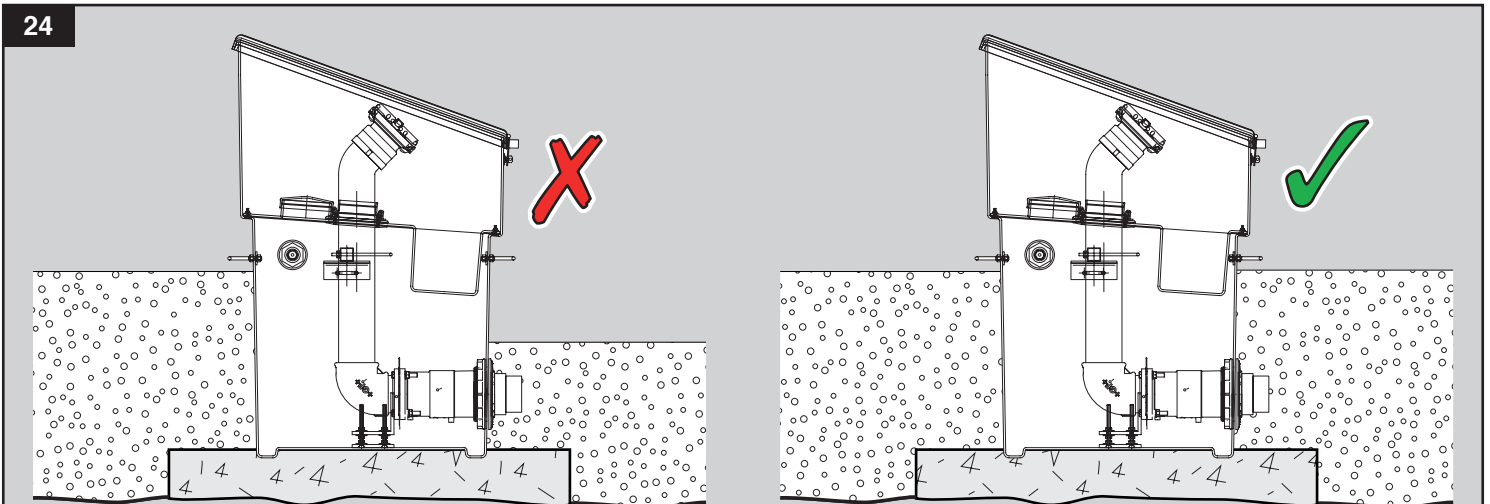
Leaks can be detected by spraying coloured dye on the outside of the spill container during the vacuum testing.

23



Remove the test plate and test gasket and replace the inspection cap.

24



Carefully backfill the area around the sump with peagravel or sand. Backfill equally around the sump in layers to prevent damage or deformation.



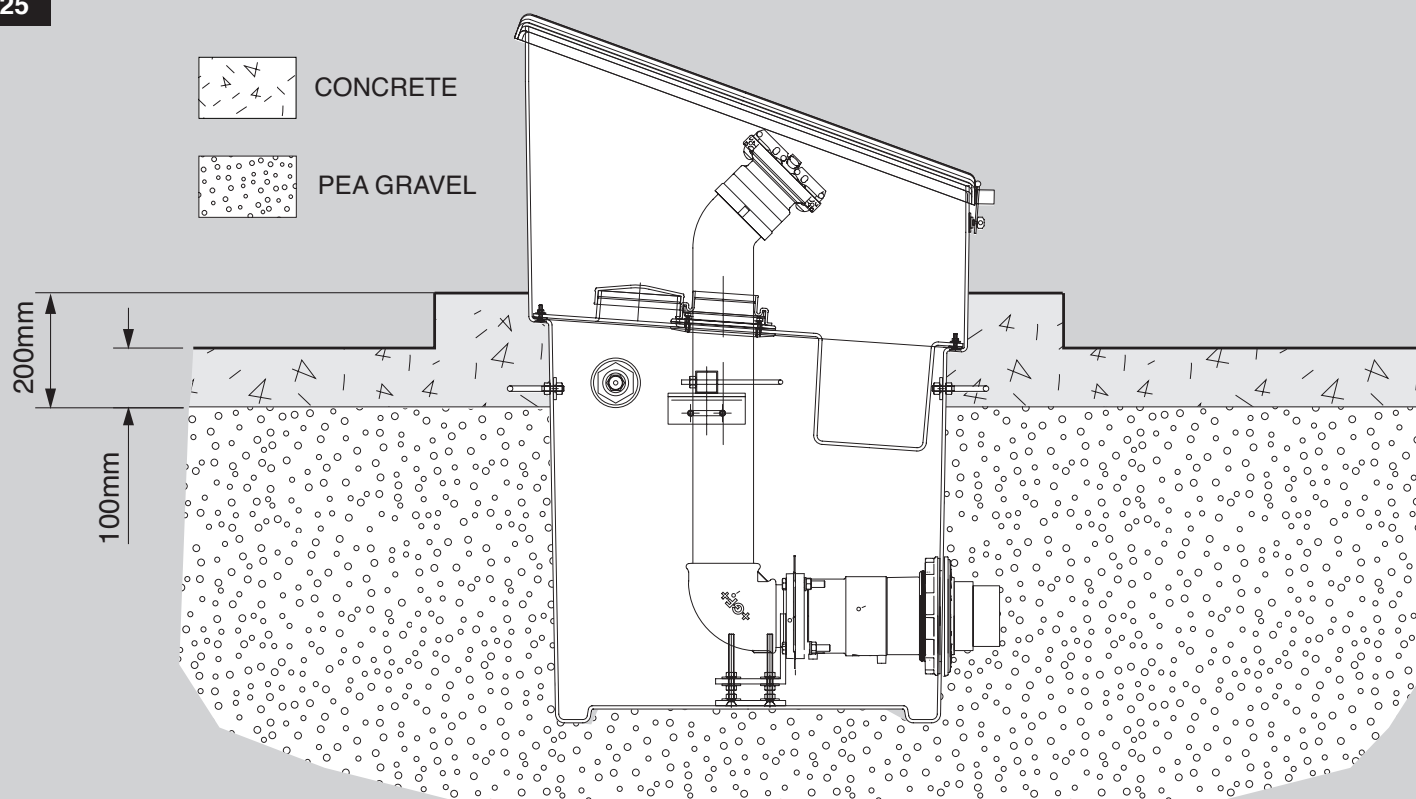
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Lay concrete to the required specifications with 100mm step up from forecourt level.

