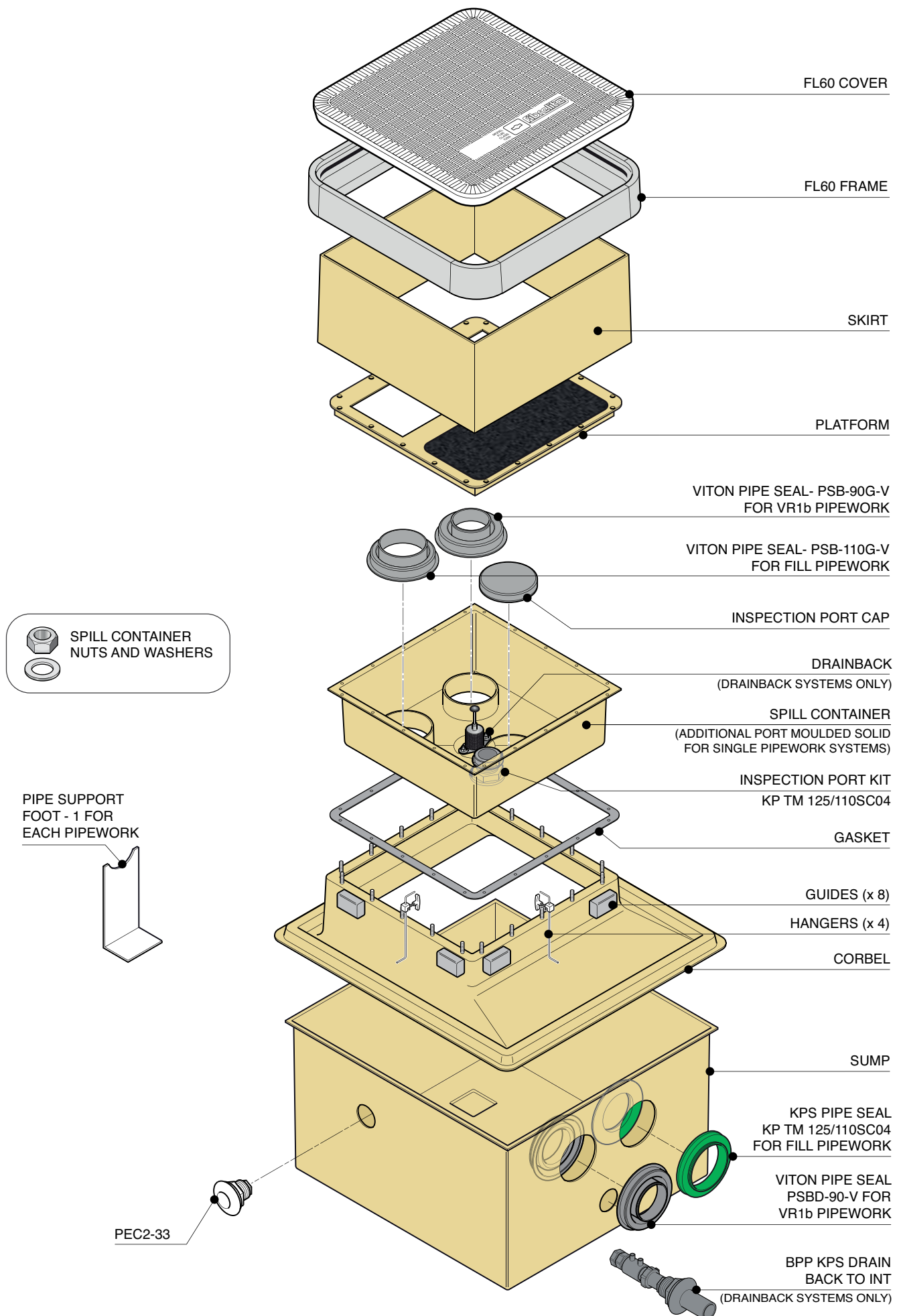


# INSTALLATION INSTRUCTIONS

## S87 Remote Fill Systems

**FIBRELITE**

PART OF OPW A DOWDER COMPANY



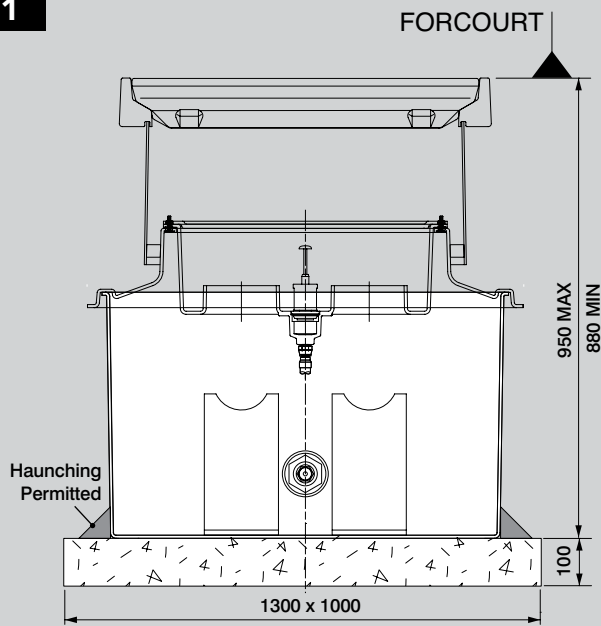
# INSTALLATION INSTRUCTIONS

## S87 Remote Fill Systems

**FIBRELITE** 

PART OF OPW A DOVER COMPANY

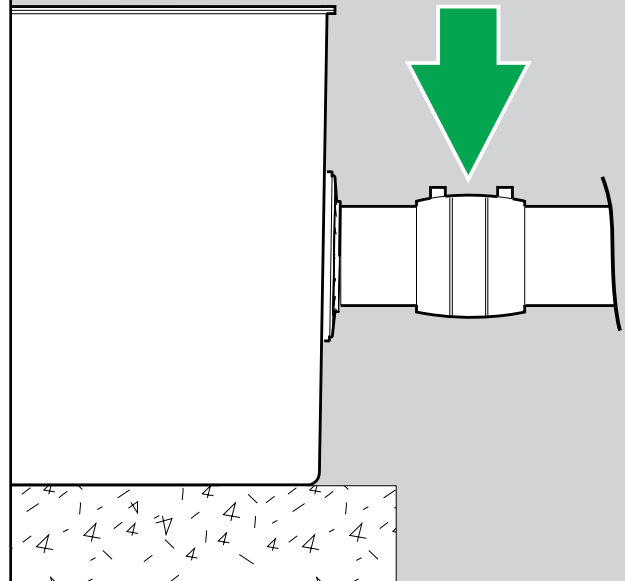
**1**



**NB:-** Sump should be embedded into the support base when installed.

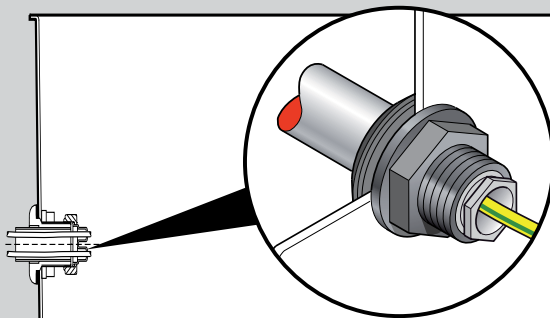
Prepare concrete slab at the correct height and install the sump ensuring that it is level. Measurements from the external base of the sump to forcourt level must be adhered to.

**2**



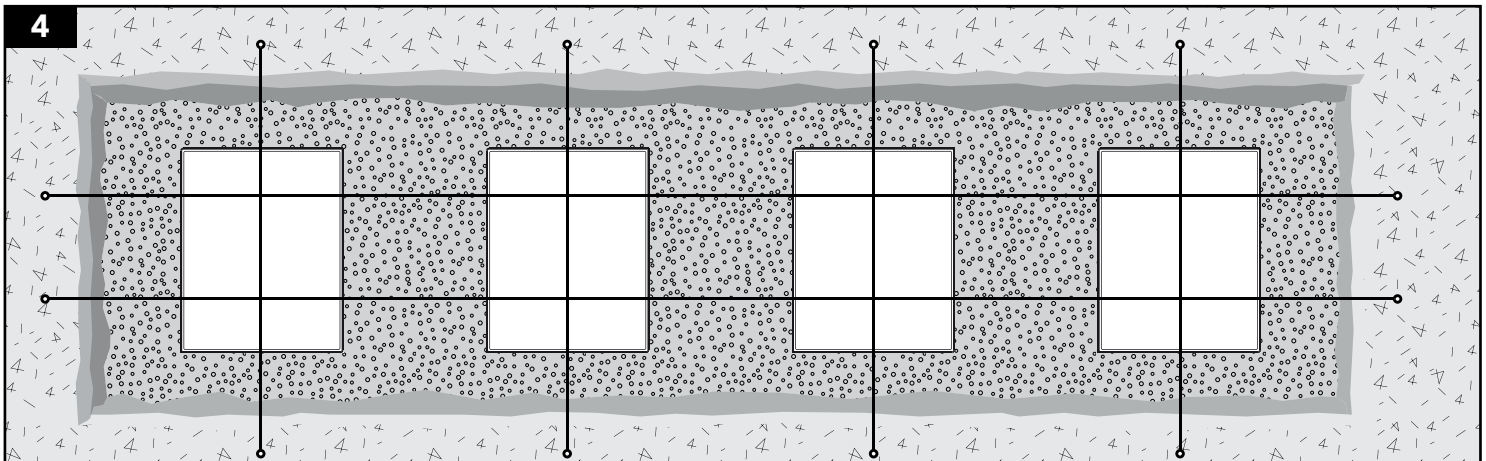
Connect the outside pipework to the pipe stubs using a welding socket and weld pipes.

**3**



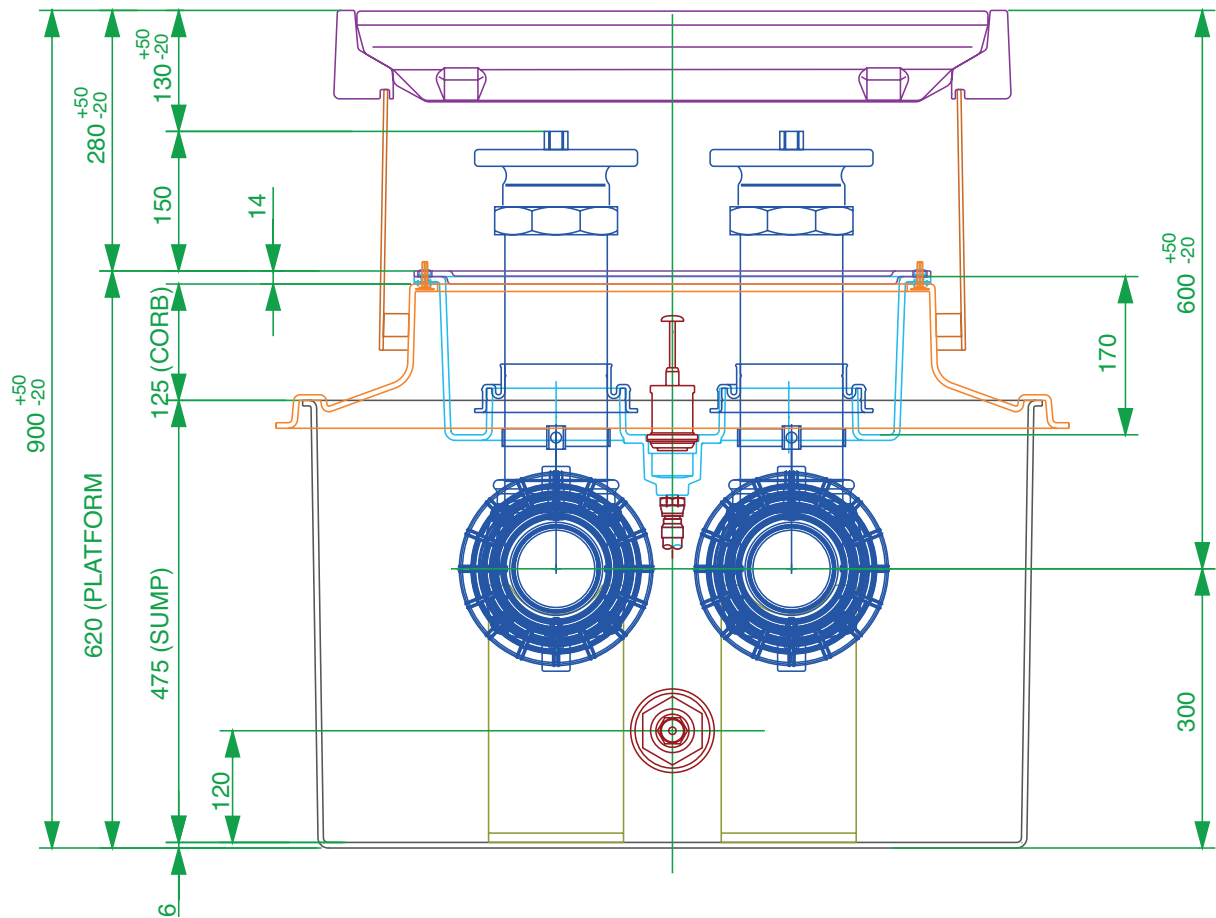
Make all electrical connections inside the chamber.

**4**



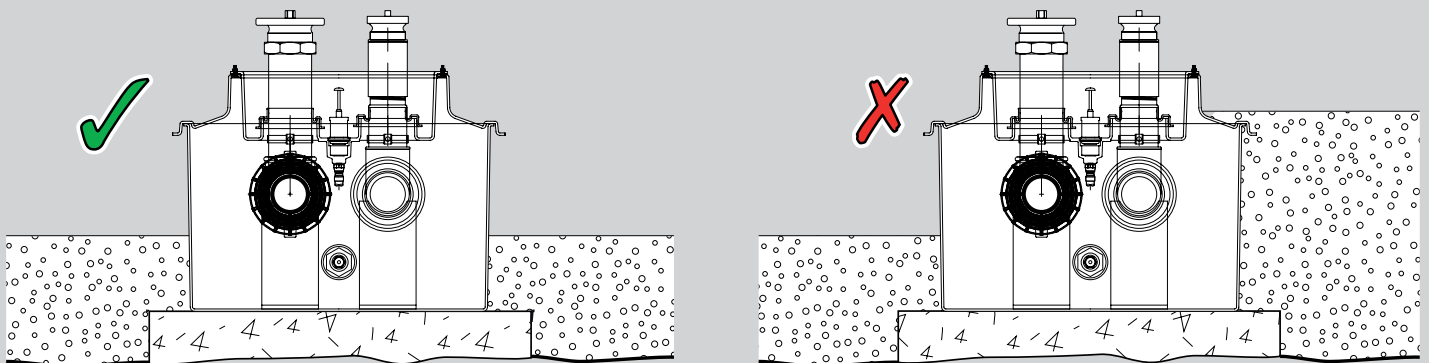
Fix string lines 10mm above grade level across the sump - across length and width of the tank farm to highlight any falls.

5



Build up dimensions.

6



Once the corbel test has been performed with a PASS result, the area around the sump can be carefully backfilled with peagravel or sand. Back-fill equally around the sump in layers to prevent damage or deformation.

# INSTALLATION INSTRUCTIONS

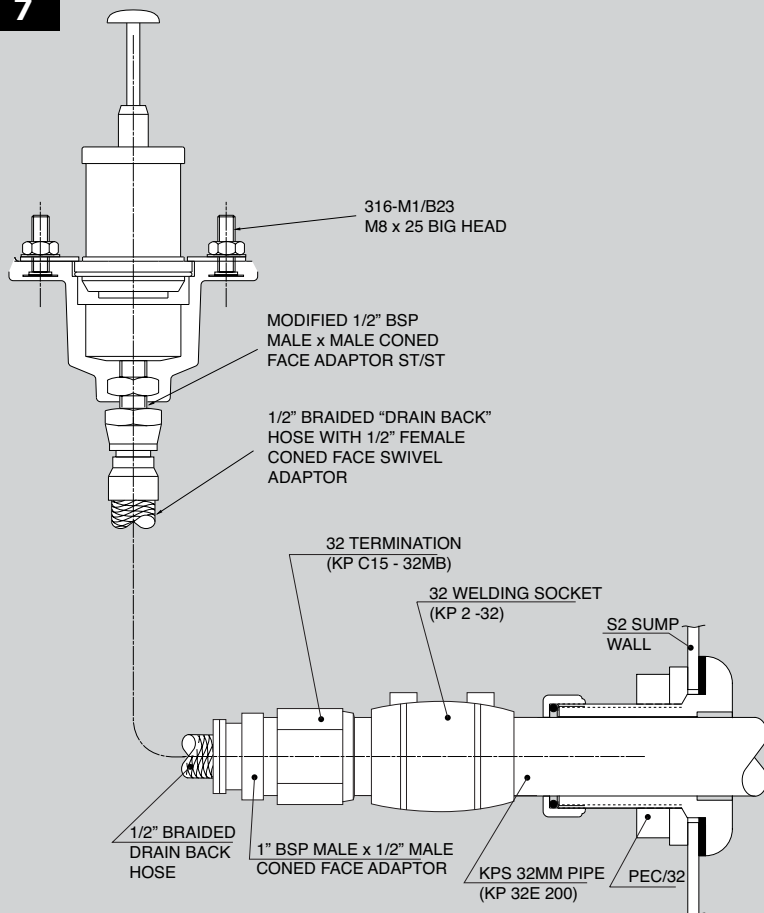
## S87 Remote Fill Systems

**FIBRELITE** 

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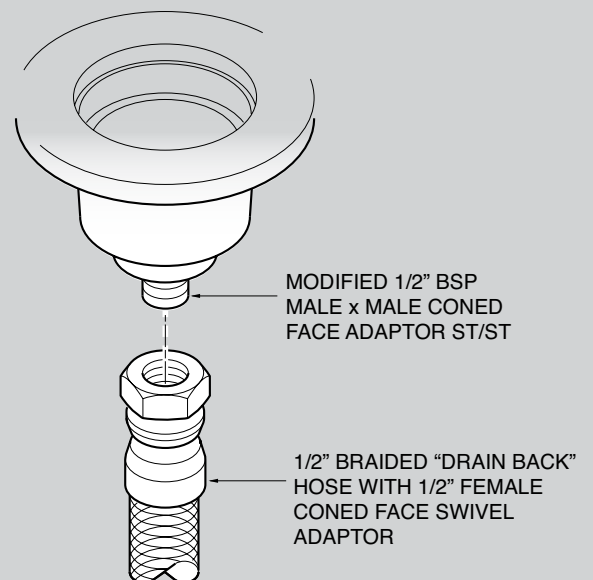
For systems that have a drainback feature (Factory Fitted)

7



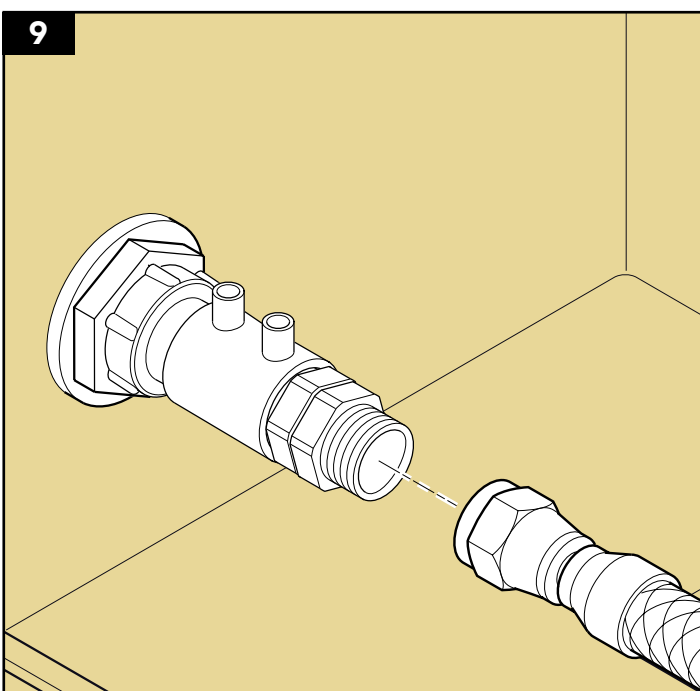
BPP KPS drainback to Int installation.

8



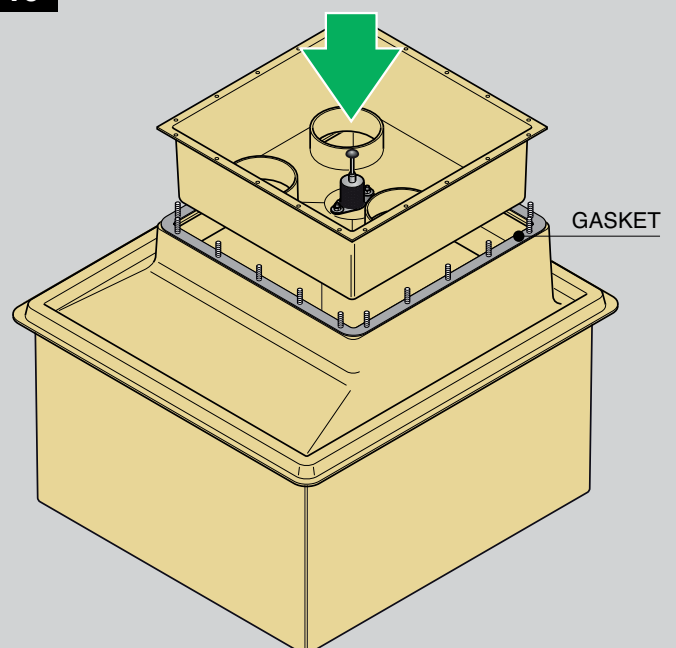
Attach the drainback hose to the adaptor in the base of spill container.

9

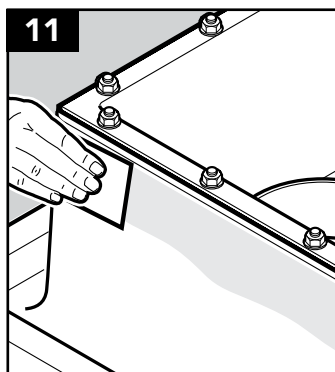


Attach the drainback hose to the PEC-32 kit in the sump wall.

10

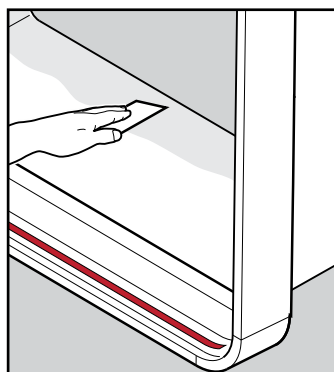


Fit the spill container ensuring that the gasket is in place.



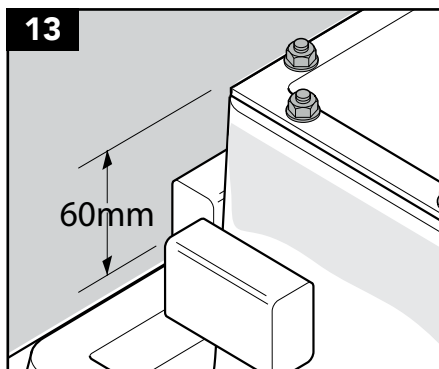
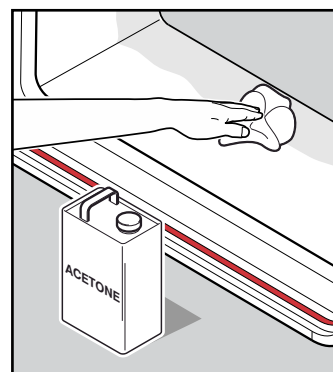
**11**

Thoroughly abrade the outside surface of the corbel and the inside surface of the skirt.



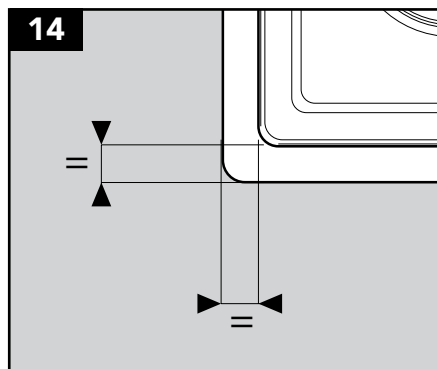
**12**

Degrease the outside surface of the corbel and the inside surface of the skirt with a suitable degreasing agent such as Acetone.



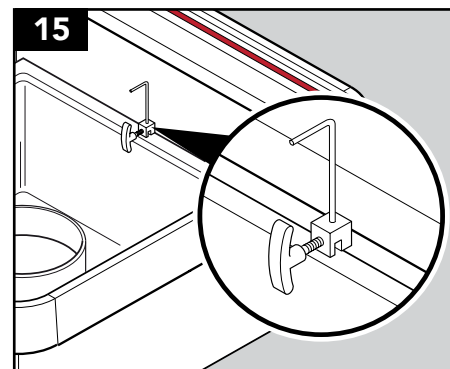
**13**

Fix the foam spacer blocks to the outside of the corbel at the height of 60mm.



**14**

Ensure that the space between the corbel and skirt is equalized.



**15**

Set frame to the correct height using the hanging rods.

# INSTALLATION INSTRUCTIONS

## S87 Remote Fill Systems

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**16**

Complete backfilling to appropriate level. Frame must be supported by a minimum depth of 200mm of concrete

Concrete reinforcement must be positioned as close to the frame as possible. Minimum block of 500mm square around the frame. Joint must be tied as per diagram. Continuous pour preferred if possible.



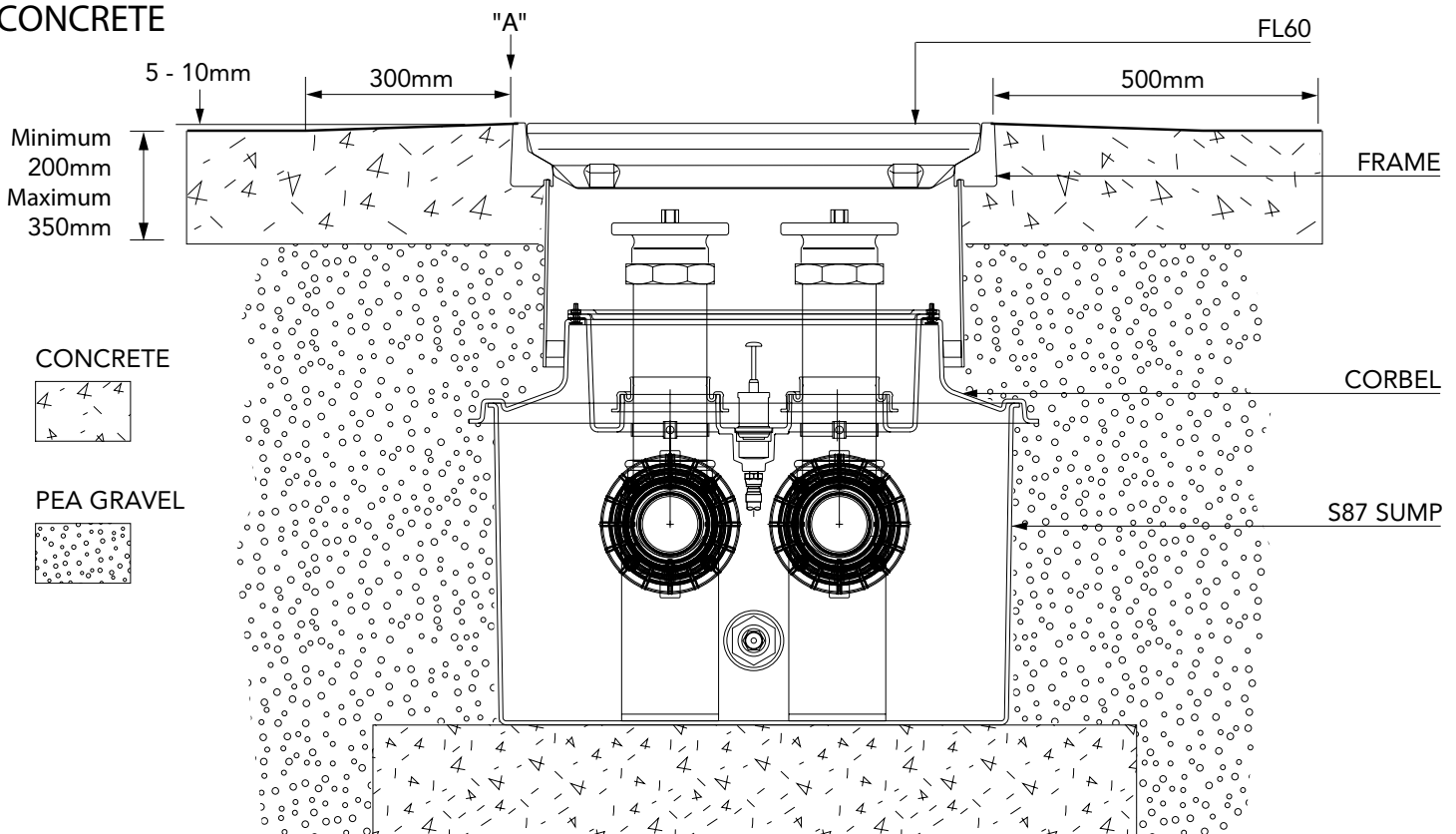
### VERY IMPORTANT

OUTER EDGE "A" OF FRAME SET 5 - 10MM ABOVE GENERAL FORECOURT AREA WITH CONCRETE RAMPED AWAY OVER 300MM.

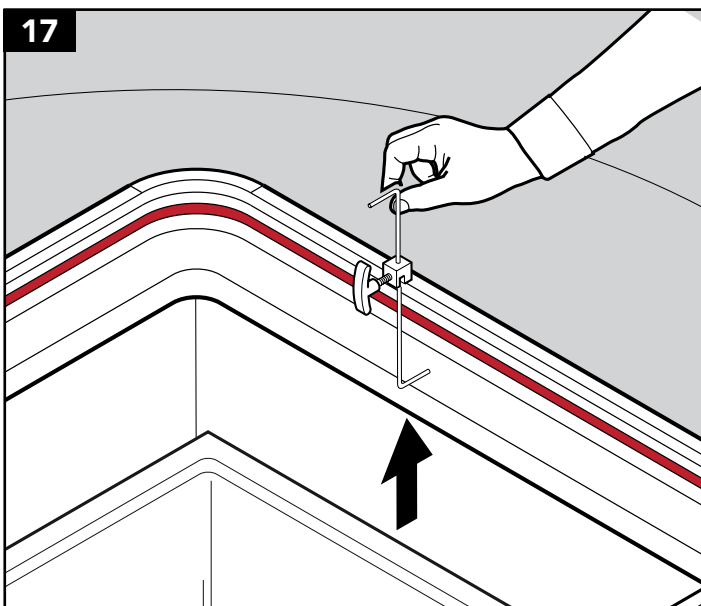


### TYPICAL INSTALLATION

#### CONCRETE

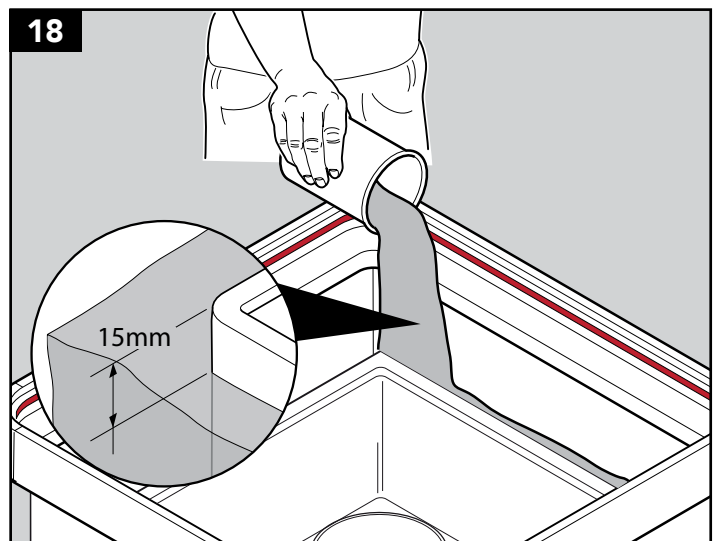


**17**



Remove the 4 hanger rods.

**18**



Sprinkle sand into the space between the outside of the corbel and the inside surface of the skirt. The distance from the top of the sand to the top of corbel should be 15mm.

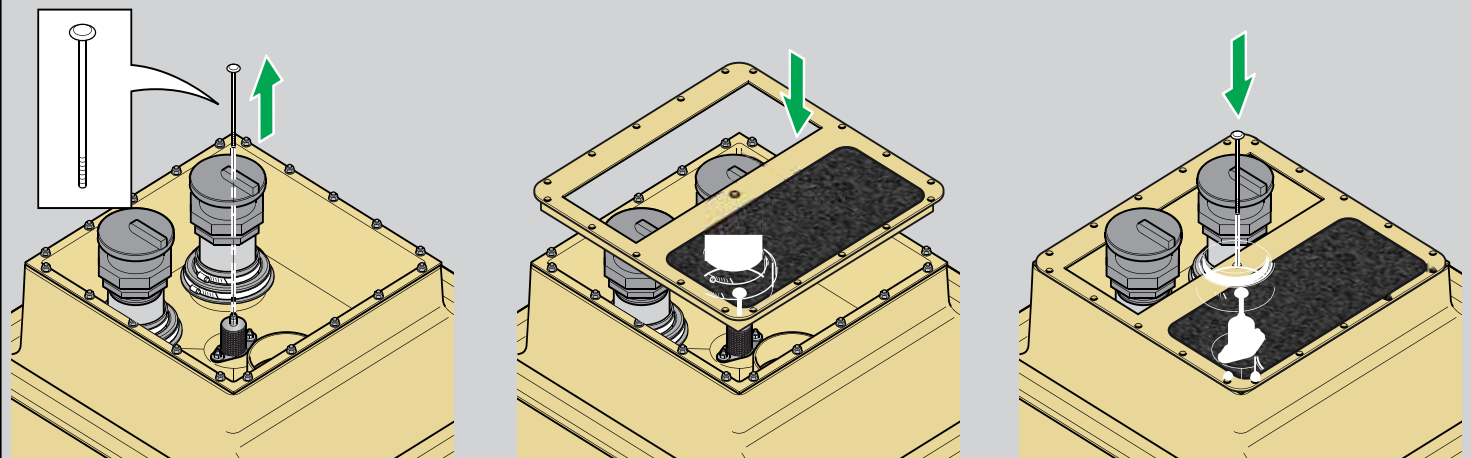
# INSTALLATION INSTRUCTIONS

## S87 Remote Fill Systems

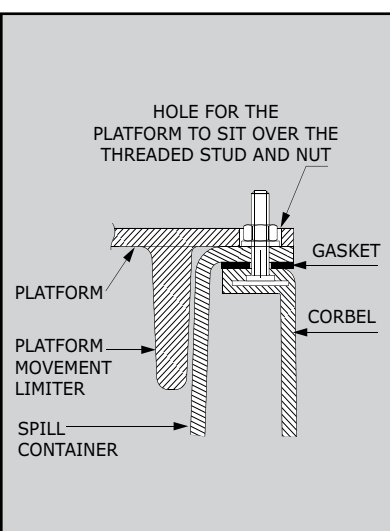
**FIBRELITE** 

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19



Seat the platform onto the spill container. If the system includes a drainback with an extended drainback plunger, remove the plunger and then refit the plunger.



**NB:-** The platform is NOT bolted down to the spill container/sump but is sat over the threaded studs and nuts.

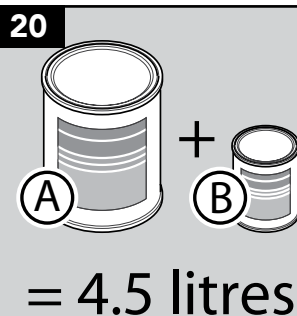


# INSTALLATION INSTRUCTIONS

## S87 Remote Fill Systems

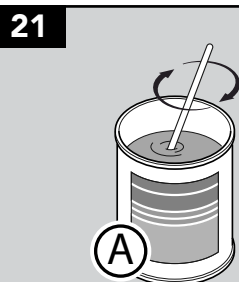
**FIBRELITE** 

PART OF OPW A DOVER COMPANY

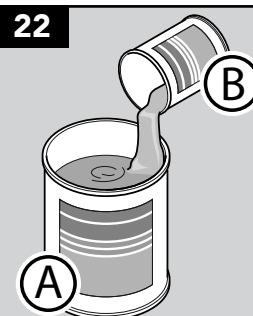


The two part cold poured expansion joint sealant consists of one large tin pack (A) and one small tin pack (B).

The combined contents of pack A&B is 4.5 litres.

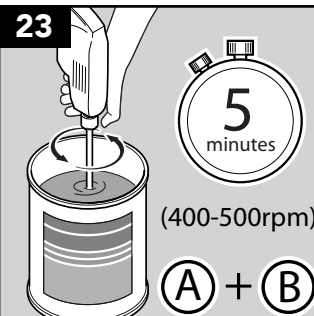


Using a suitable rod or stick stir the contents of pack (A).

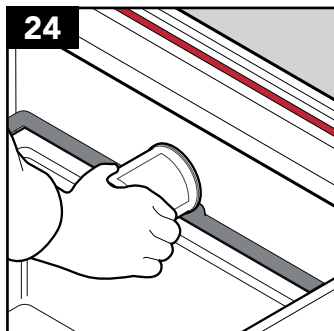


Stir the **COMPLETE** contents of pack (B) into the tin containing pack (A) to give a combined content of 4.5 litres.

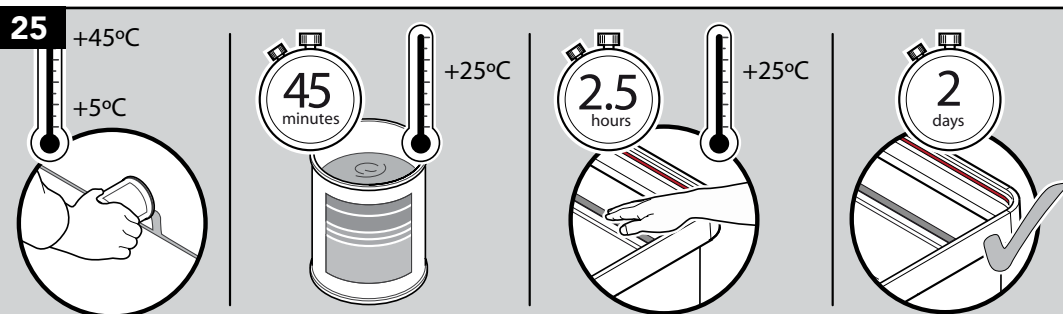
**NOTE:** The contents of both tins are sufficient to seal 4 offset fill sumps.



Mix contents together for a full 5 minutes using a slow speed electric drill (400-500rpm) with a low viscosity mixing paddle until a completely homogeneous mix is obtained. Mixing is made easier if pack (B) is added in two stages.



Decant a suitable amount of mixed sealant into a smaller tin/pot **(DO NOT USE THE TIN THAT CONTAINED PACK "B")** and pour the mixed sealant into the void between the corbel turret & skirt.



Application Temperature : +5 to +45 degrees °C  
**(DO NOT apply at temperatures below +4 degrees °C)**

Pot Life : 45 minutes at 25 degrees °C  
Cure Times : Tack Free : 2 1/2 hours at 25 degrees °C  
Full Cure : 2 days

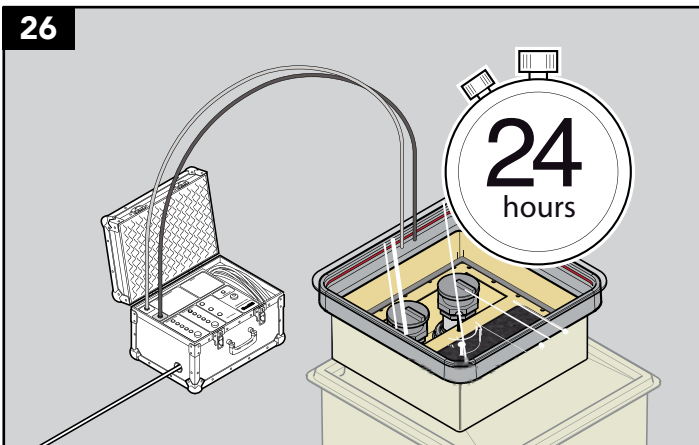
**(Note : low temperature impede cure)**



# INSTALLATION INSTRUCTIONS

## S87 Remote Fill Systems

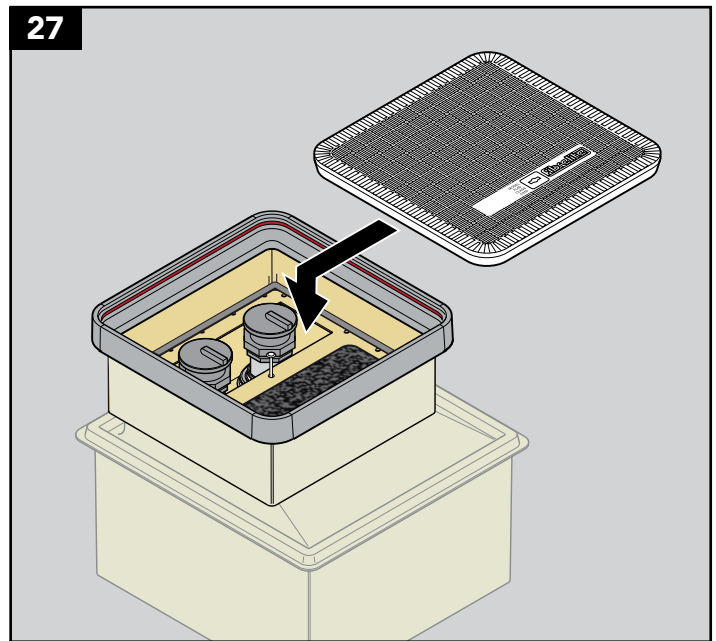
26



Wait 24 hours after the sealant has been poured between the sump and skirt, before performing a vacuum test.

Place a square CTP/FL60 test plate in the frame. Perform a vacuum test **ONLY** at the 0.6m depth setting or irreparable damage may occur.

27



Fit the access cover.