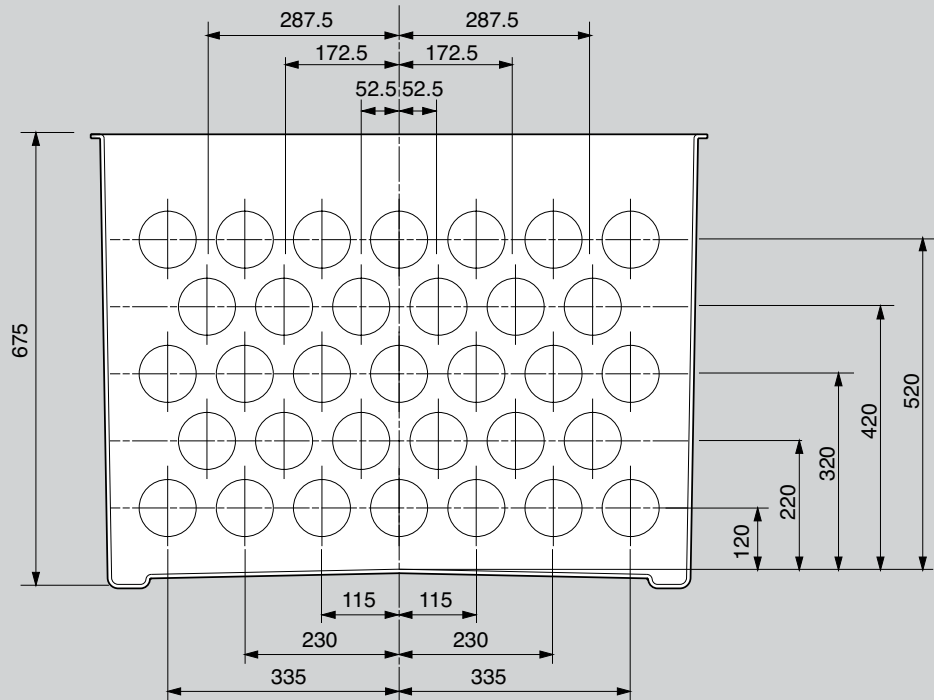


1 Confirm that all chambers and related parts and accessories have been received.

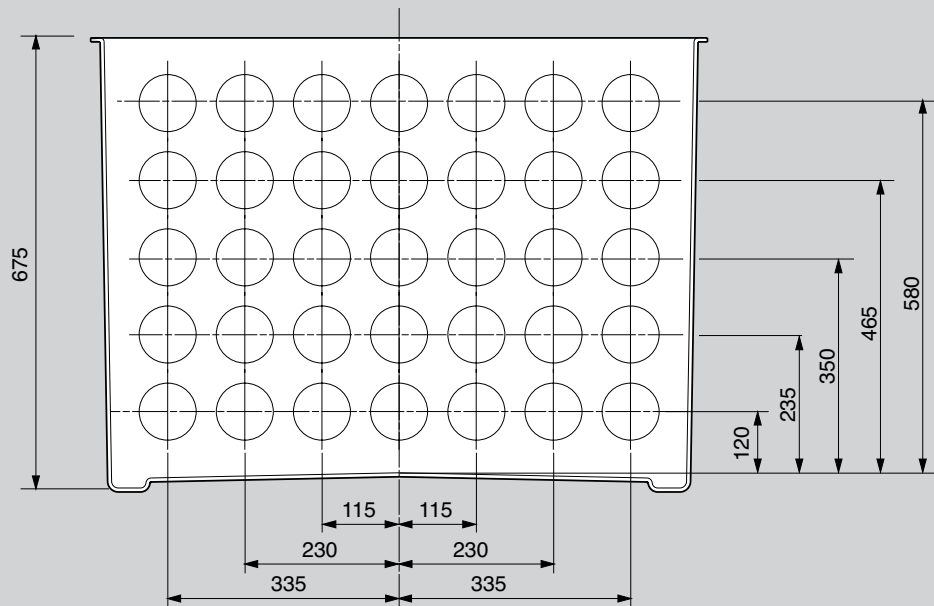
DO NOT STORE CHAMBERS ON THEIR SIDES PRIOR TO INSTALLATION

2

DRILLING PATTERN No. 1



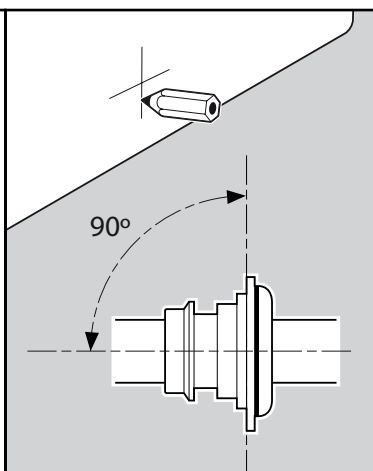
DRILLING PATTERN No. 2



Mark out position for electrical cable entry seal.

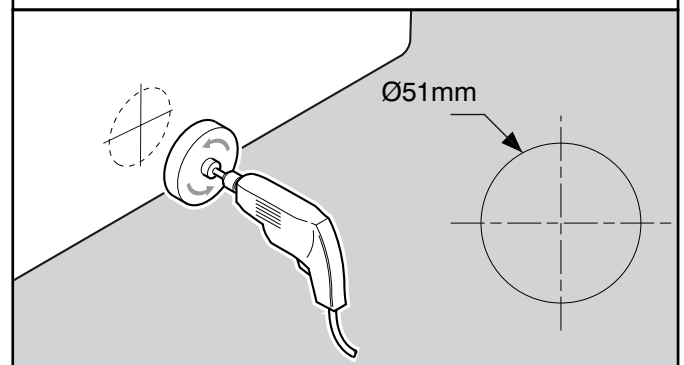
3

The electrical cable entry seal should be positioned perpendicular to the sump wall and the conduit must enter the electrical cable entry seal as aligned as possible.



4

Using a drill piloted 51mm diameter hole saw cut the correct size hole in the sump wall.



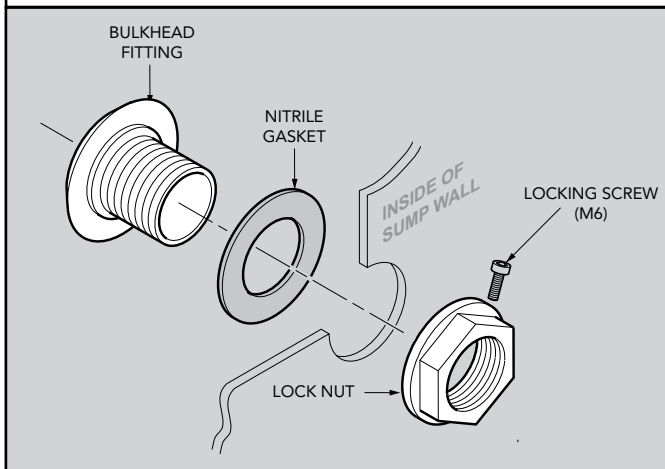
INSTALLATION INSTRUCTIONS

(Entry Seal Kit Installation)

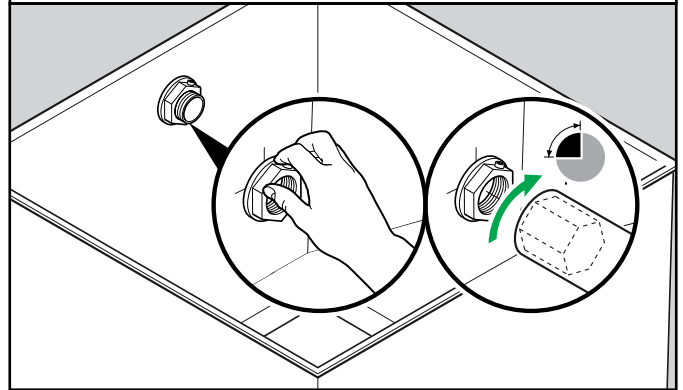
FIBRELITE

PART OF OPW A DOWDER COMPANY

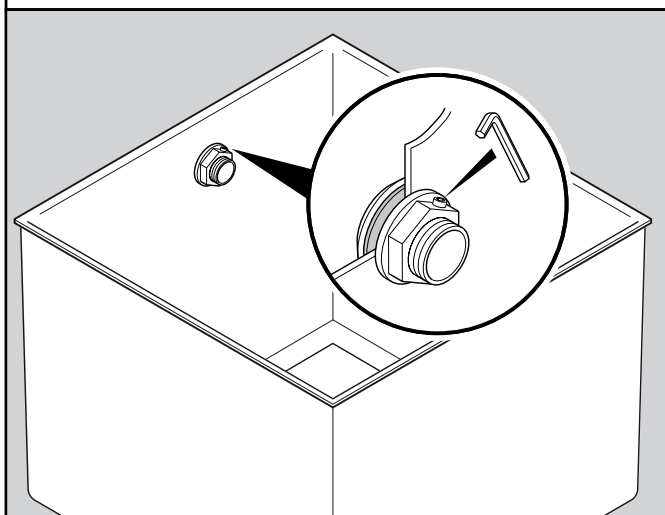
- 5** Assemble the electrical cable entry seal as shown ensuring that the gasket is positioned under the flange of the bulkhead fitting on the outside of the sump.



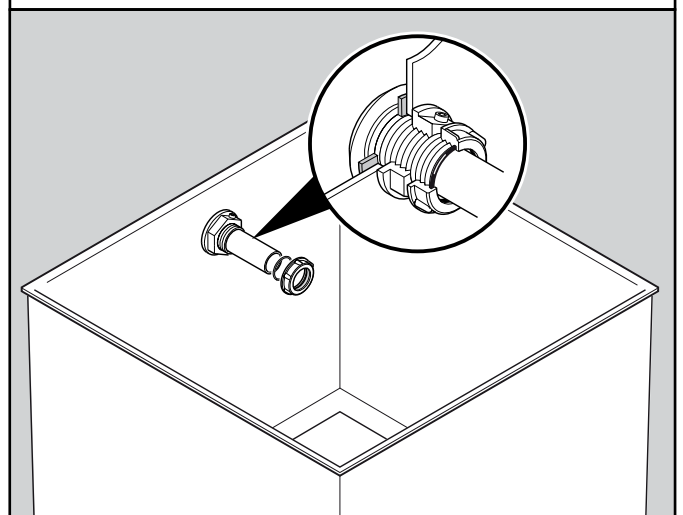
- 6** Initially hand tighten the lock nut until it is hand tight (ensure that the locking screw is accessible post installation), then using the supplied box spanner tighten the lock nut an additional 1/4 - 1/2 a turn. **DO NOT OVER TIGHTEN AS THIS MAY DAMAGE THE FITTING.**



- 7** Tighten the locking screw with a 5mm Allen key

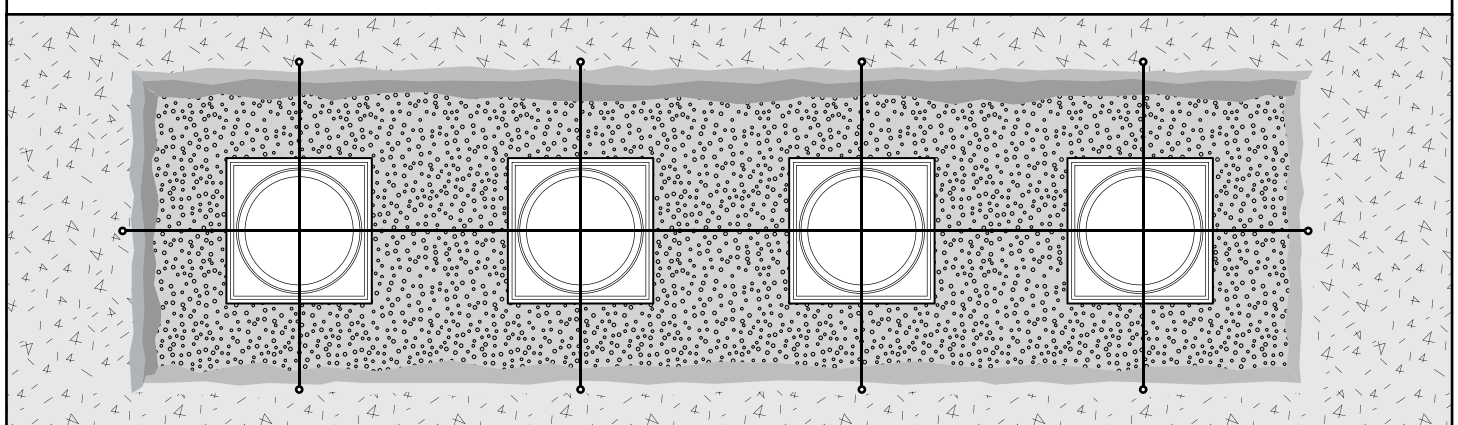


- 8** Push the conduit through the electrical cable entry seal and seal the conduit with the 'O' ring and seal nut.

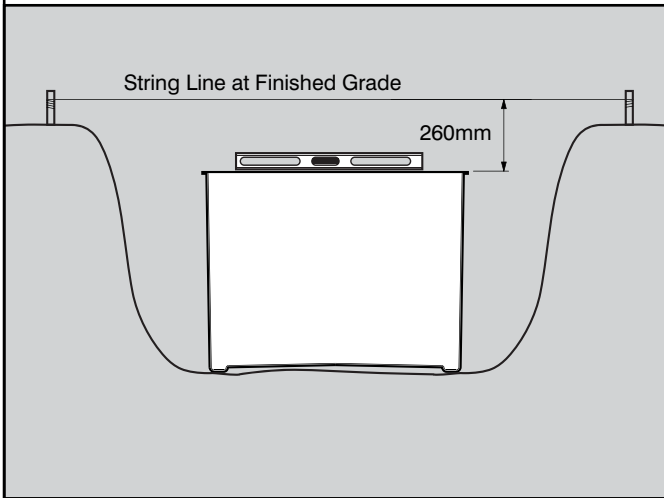


(Sump Installation)

- 9** Install string lines at finished grade level across the length and width in order to accurately measure the distance from grade level to the base of the chamber.

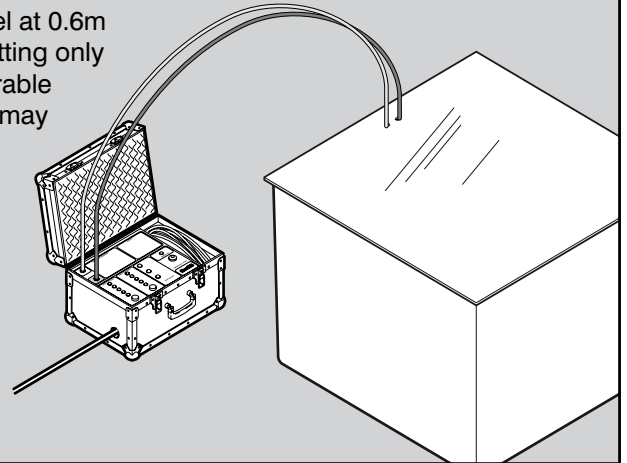


- 10** Place the chamber into position. The distance from grade level to the top of the chamber should be a minimum 260 mm.



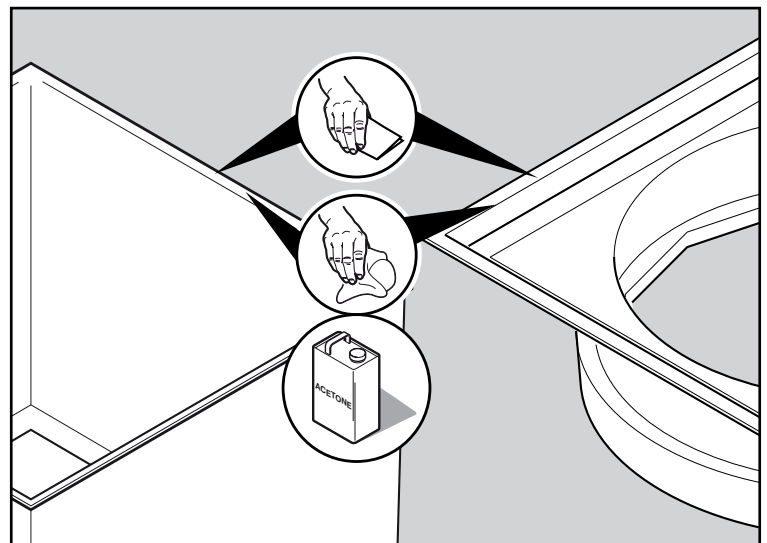
- 11** Ensure all pipework and electrical entries have been completed before vacuum testing. Refer to vacuum testing instructions for correct method.

Warning: Test the corbel at 0.6m depth setting only or irreparable damage may occur.

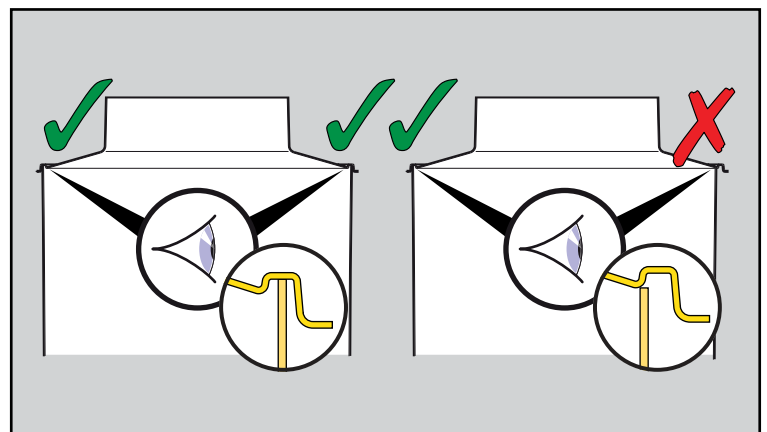


(Corbel Bonding)

- 12** Prepare the mating surfaces of the chamber base and the downward facing groove on the corbel
- Use heavy grit sandpaper to ensure that the fiberglass surface is exposed. After sanding, clean both surfaces using acetone (or equivalent solvent).



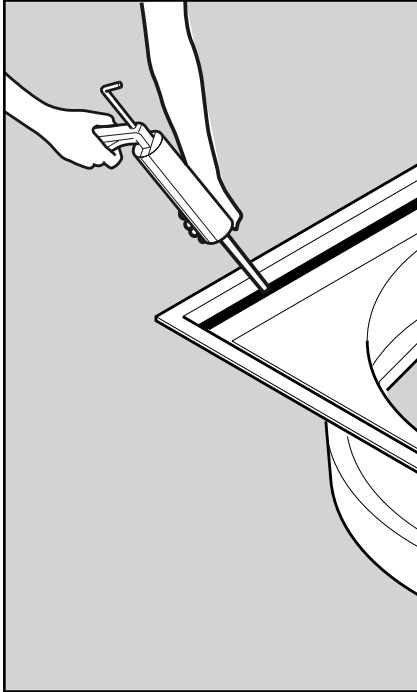
- 13** Dry fit the corbel on the chamber to ensure it fits - push corbel groove onto chamber wall,



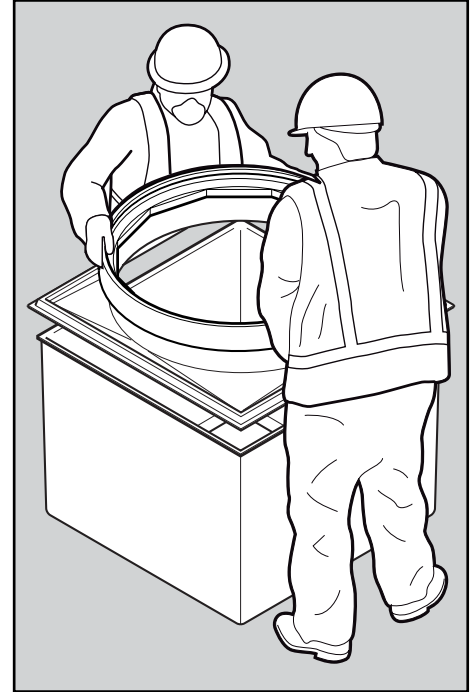
INSTALLATION INSTRUCTIONS

(Corbel Bonding)

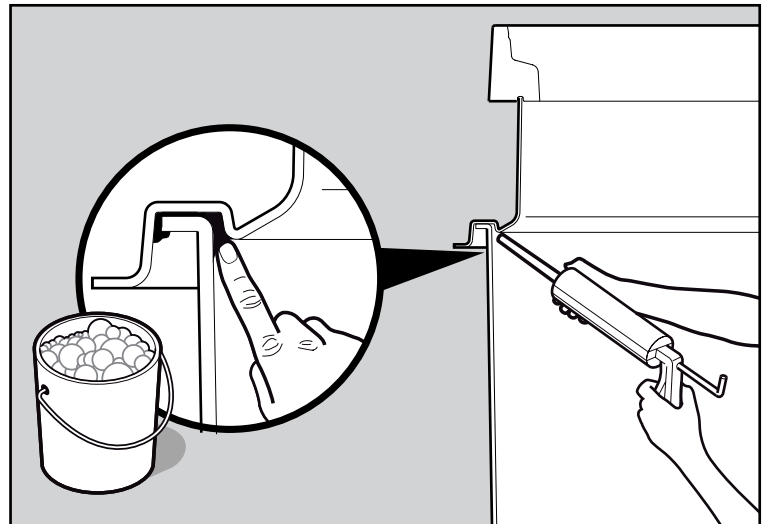
14 Apply 2 tubes of 40FC sealant in the groove of the corbel. Sealant should fill half the groove.



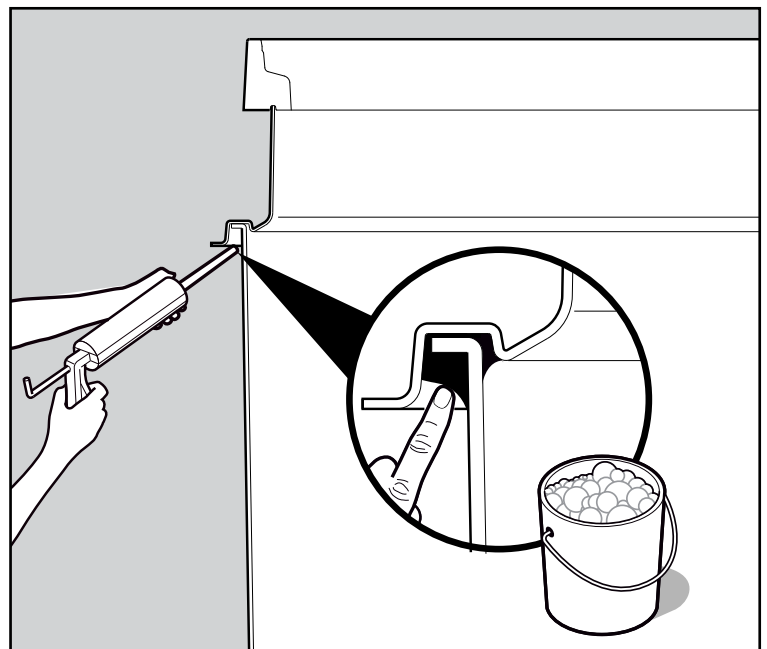
15 Place the corbel on the chamber using 2 people and push it into position.



16 Seal around the inside edge of the corbel joint from inside the chamber. Smooth off the sealant with soapy water.



17 Seal around the outside joint and smooth off sealant with soapy water.

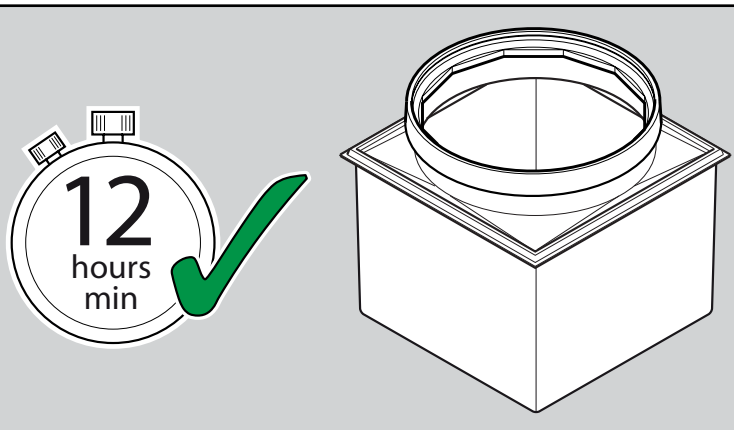


INSTALLATION INSTRUCTIONS

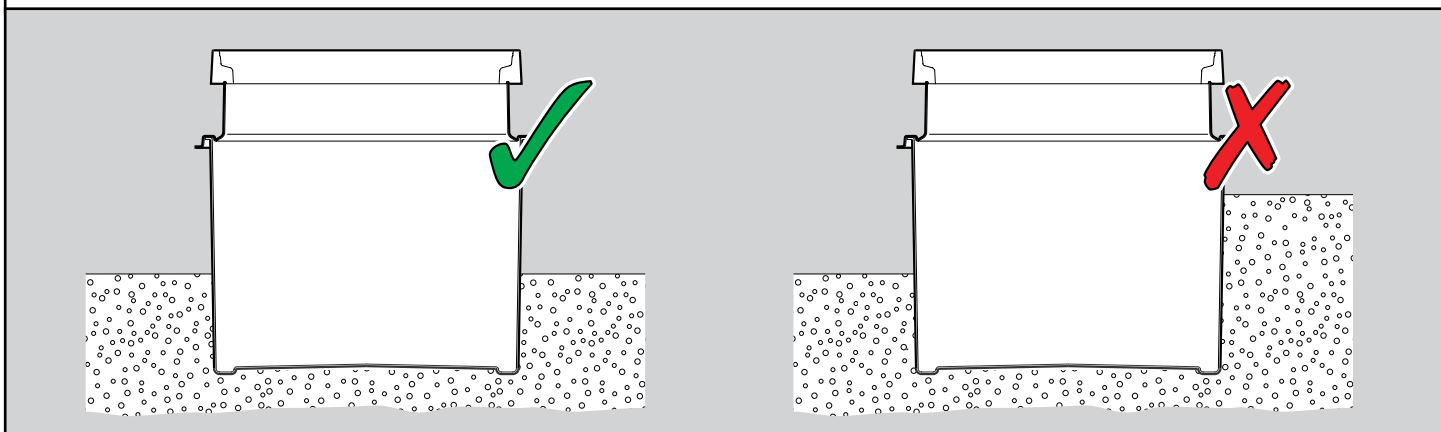
(Backfilling and Concreting)

18 Wait a min of 12 hours, preferably overnight to allow sealant to set.

Do not disturb the chamber during this time.



19 Carefully backfilled with peagravel or sand. Back-fill equally around the chamber in layers to prevent damage or deformation.



20 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 450mm square around the frame. Continuous pour preferred if possible.

