This is general information only, when installing in concrete. Channel-specific instructions are supplied with the goods for use by the installer.

A. Drainage channel

1. Remove any gratings and clamping frames from channel.
2. Taking care not to twist, turn the channel upside down (base uppermost).
3. If there is more than one section to the channel, apply silicone sealant to jointing flange faces and securely bolt sections together. Rubber gaskets can be supplied to order.
4. If connecting to a Wade gully, follow the instructions supplied.
5. Taking care not to twist, turn the channel the correct way up and lower it into the trench and into any installed gullies: ensure top edge of channel is flush with finished floor level, use the adjustment legs when supplied.
6. Bend the build-in ties as necessary.
7. Make the pipework joints below the channel.
8. If not supplied, provide and insert spacer bars across channel at approx. 500mm centres. Spacer bars prevent channel being squeezed while backfill is being compacted and must not be removed until backfill is set.
9. Fix the channel into position by first grouting build-in ties and any adjustment legs firmly in place.

Note

After positioning the channel it is recommended that a water test be undertaken to check that height is correct, that, where applicable, the fall in the channel works effectively, that there are no leakages from the channel system and that there are no signs of deformation or of damage to the channel which may have occurred during installation. At this stage it may still be possible for any necessary rectification work to take place. Please consult our Technical Services Department if this situation arises.

B. Drainage Channel profile SVF – for use with flexible sheet floor covering

The following additional notes/ procedures apply:

1. Dress floor covering into channel and fix in accordance with flooring manufacturer's instructions.
2. Fit clamping frames and gratings.

C. Drainage channels with perimeter angle frame

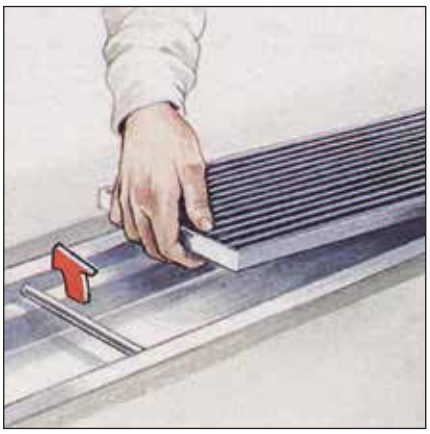
The following additional notes procedures apply:

1. The gap between the outside edge of the channel and the angle frame is covered with an adhesive tape to prevent debris filling up the gap during installation. Do not remove the tape until installation is complete.
2. When the channel is installed, lay the floor into the perimeter angle frame.
3. Once the floor is set, carefully remove the spacer bars between the angle frame and the channel using an angle grinder or similar.

Note

Do not remove the spacer bars before fitting the channel, as it would then be impossible to maintain the position of the frame relative to the channel.

4. Thoroughly clean the gap between the channel and angle frame, degrease and fill with a permanently elastic expansion joint sealant. If corrosive chemicals are likely to be present, consult sealant manufacturer on suitability.



10. Taking care not to damage show surfaces, place heavy weights on top of the channel prior to pouring backfill to prevent any lift or movement.
11. Using concrete class C30/37 backfill around the channel ensuring that the concrete flows evenly under and around the channel such that no voids are formed.

Note

Load classes given are based on channel being set in concrete class C30/37, to a level that fully supports the grating seat. For a lower load rating, lesser amounts and class of concrete may be suitable – consult a structural engineer if advice is needed.

12. Remove immediately any material which falls into the channel.
13. When concrete is set, remove spacer bars.
14. Fit gratings.
15. Clean channels and gratings with water and a suitable cleaning agent where necessary. Under no circumstances use metal scouring pads or wire wool as these will contaminate surfaces.

D. Supaslot channels

The following additional notes/ procedures apply:

1. The slot is covered with an adhesive tape to prevent debris falling into the channel during installation. Do not remove the tape until installation is complete.