

DESIGN & INSTALLATION

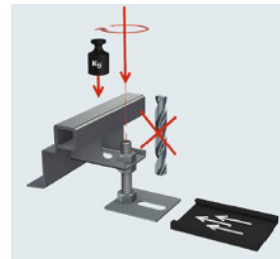
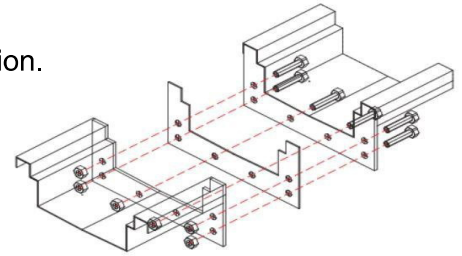
Channels are typically manufactured in sections up to 4 metres in length to facilitate transportation and safe, manageable handling on site. Channels longer than 4 metres generally have bolted flange connections requiring assembly on site.

As a general rule, channels should be no longer than 10 metres in length per outlet.

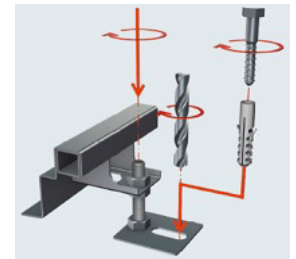
When designing and planning the installation, allow clearances for anchor tabs, levelling feet and connection flanges (for channels) in the cut out for the drain/channel. Connection flanges extend approximately 45 mm below the drain invert.

All channel components are individually marked to allow for easy installation.

1. Check the required final floor height and ensure pipe connections are at the desired height
2. For channels with flange connections, bolt flanges together ensuring the provided gaskets are in place to provide a watertight seal.
3. Place the floor drain/channel into position, taking care to insert the drain outlet securely to the pipe connection. Rubber shoes are provided on the levelling feet for installation on waterproof membranes.
4. Bend anchor tabs outwards 90 degrees from the floor drain/channel for keying into the concrete.
5. Set the floor drain/channel height using adjustable threaded rods/levelling feet as required, or use a small amount of concrete to fix the floor drain in position. The drain/channel top surface should be 1 to 1.5 mm below the desired finished floor level, also allowing for epoxy or other surface finish.
6. For installations without waterproof membrane the levelling feet may be secured to the floor by drilling and bolting, alternatively, carefully weigh down the drain/channel to prevent movement of flotation during the concrete pour
7. Install expansion joint detail around the perimeter of the drain/channel as per design requirements.
8. Cover the drain/channel to prevent debris entering the drain/channel or the drainage system.
9. Pour concrete, ensuring concrete is fully supporting the drain/channel
10. Seal around the floor drain/channel as per designer requirements
11. At completion of the project construction phase, clean the drain/channels and install accessories, traps, baskets, grates/covers.



Installation on waterproof membrane



Installation without waterproof membrane

