

INSTALLATION INSTRUCTIONS

Please make sure to read all the installation instructions. Then determine the drainage side of the channel and how to connect the drain channel to the sewer or other drainage systems such as a gravel drain.

Important: the grids must be screwed securely!

Preparation

1. Dig a trench for installing the drain channel. Make sure the trench is at least 15 cm deeper and 30 cm wider (15 cm on each side) than the drainage channel itself, see image 1.
2. If needed, construct the pipework for the installation of the drain channel by either connecting the pipe system to the sewer or by placing a gravel drain.
3. Option a: create a base of concrete (C35/45) in the trench of about 15 cm high.
OR
Option b: start by placing small wooden supports in the trench of 15 cm high (image 2), followed by installing and connecting the entire drain channel (see step 4 to 6). Only then start filling the trench with cement.
TIP: In case there is no paving yet or if you are redoing the paving, we recommend tightening a rope to determine the height. If you want to install the drain channels in an existing paving, we recommend using a wooden template for levelling the height (please keep in mind that the slot/grid should be placed 3 to 5 mm below paving).
4. Determine the correct outlet type (either bottom - or side-outlet) for connection to the drainage system. For water drainage via a side-outlet (image 3), install a stopend with outlet (Ø 75 mm with drain type 20-B and Ø 110 mm with drain type 70-B). For water drainage via a bottom-outlet (image 4), remove the bottom through careful hammering (or carve with a knife) and install a bottom-outlet (Ø 110 mm) with the provided screws.

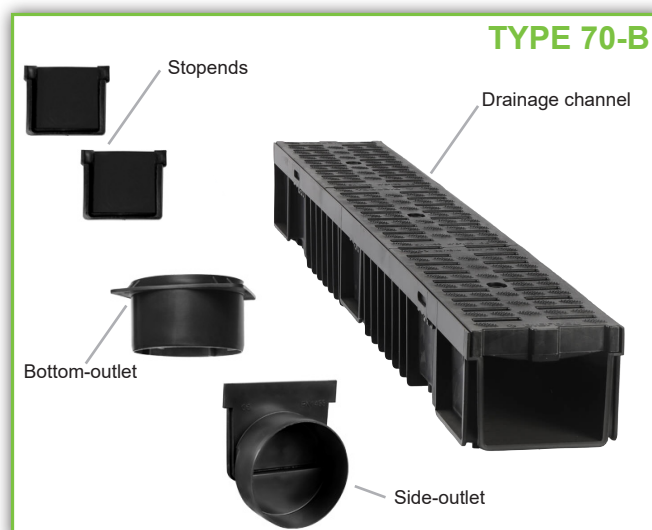
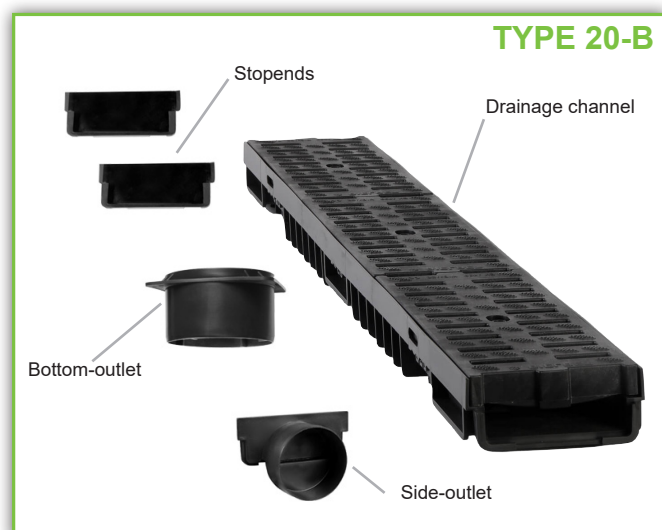
Installation

5. Start with that part of the drain that needs to be connected to the round downpipe. Then place it into the trench on the base of concrete (or in case of option 3b, the wooden supports) and connect the drain channel to the round downpipe.
6. Now connect the other drain channel parts (image 5 & 6) and place the stopends before placing the drain in the trench. We recommend using silicone sealant to attach the drain channel parts and stopends to the drain channels. Slide the stopend from *top to bottom* or *bottom to top*, depending on the side (image 7).
7. Place the drain channels at the desired height on the base of concrete (or on the wooden supports in case of option 3b). Please keep in mind that the slot/grid should be placed 3 to 5 mm below paving. Tighten a rope to determine the correct height.

Finish

8. Continue with filling up the trench with concrete up to the level where you want to place the bricks, paving or put vegetation.
TIP: Tape the grids up with masking tape to prevent the slot drain channels from soiling.
9. Now place the final cover (bricks, etc.) and remove the tape, and make sure the concrete cures sufficiently.

Regularly check the slot drain channels for dirt and clean it when necessary to avoid blockage.



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QUESTIONS?
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Do you need advice, or do you have any questions with regard to the installation? Please visit our website and contact us! We will happily assist you!

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