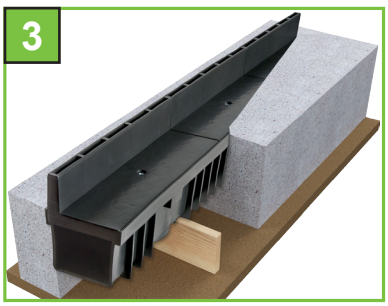
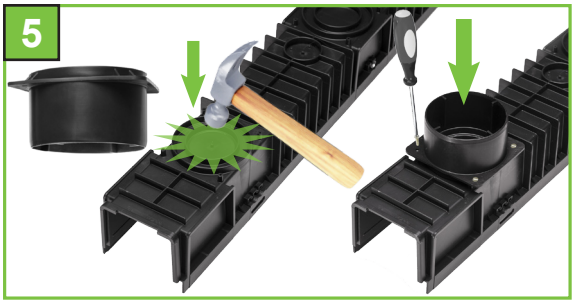




INSTALLATION INSTRUCTIONS

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

TIP: Before installing the slot-drainage channels, lay them out in the desired setup. This way you'll notice immediately if the upper parts of the slot-drainage channel need to be unscrewed and turned around (image 1).

Preparation

1. Dig a trench for installing the slot 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 2.
2. If needed, construct the pipework for the installation of the slot 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 or stabilised sand in the trench of about 15 cm high (cement sand ratio 1:3)

   OR

   Option b: start by placing small wooden supports in the trench of 15 cm high (image 3), followed by installing and connecting the entire slot 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 slot 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 4), install a stopend with outlet (Ø 75 mm with slot drain type 20 and Ø 110 mm with slot drain type 70). For water drainage via a bottom-outlet (image 5), 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 slot drain that needs to be connected to the round downpipe. Then place it into the trench on the base of concrete or stabilised sand (or in case of option 3b, the wooden supports) and connect the slot drain channel to the round downpipe.
6. Now connect the other slot drain channel parts (image 6 & 7) and place the stopends before placing the slot drain in the trench. We recommend using silicone sealant to attach the gutter parts and stopends to the slot drain channels. Slide the stopend from *top to bottom* or *bottom to top*, depending on the side (image 8).
7. Place the slot drain channels at the desired height on the base of concrete or stabilised sand (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.

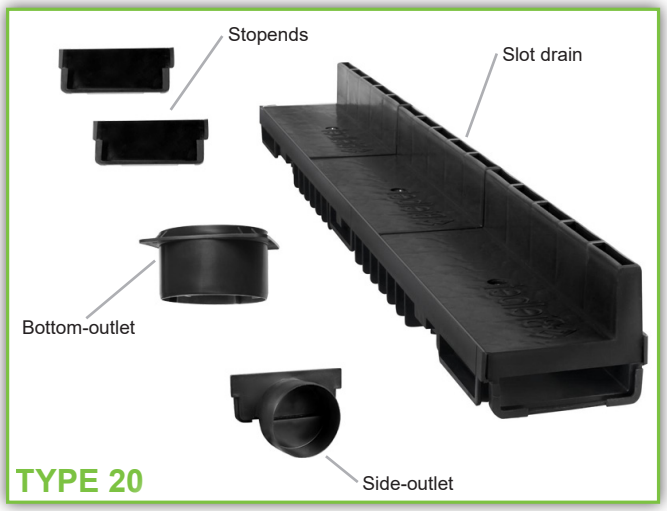
Finish

8. Continue with filling up the trench with concrete up to the level where you want to place the bricks, paving or put vegetation. If you want to drive a vehicle (max. 2000 kg; low speed) over the slot drains, make sure there is also a layer of at least 1 cm of concrete on top of the slot drain (image 2).

   TIP: Tape the slots/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.

TIP: Remember the connection point of the slot-drainage channels to your drainage system, and make sure you can easily access it in case of blockage. If this occurs, you then only need to remove a bit of pavement and disconnect the slot-drainage channel in order to clear the blockage.

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



QUESTIONS?

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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