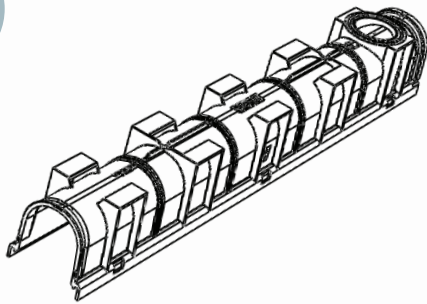


The EasyDRAIN Edge Channel is manufactured with female and male ends so they can be joined by clicking together. When cutting the channel to suit your desired length, you will need an EasyDRAIN Converter for the cut piece. This will then click to another piece of channel or the EasyDRAIN End Cap.

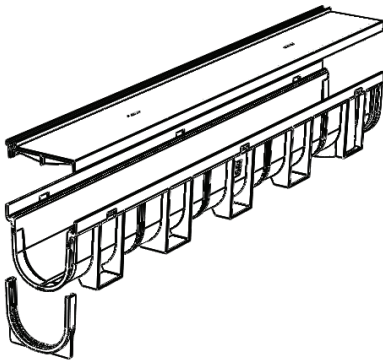
1.



Remove the grate from the channel. Flip the channel upside down and use a saw to cut between the ribs that are 200mm from the female end.

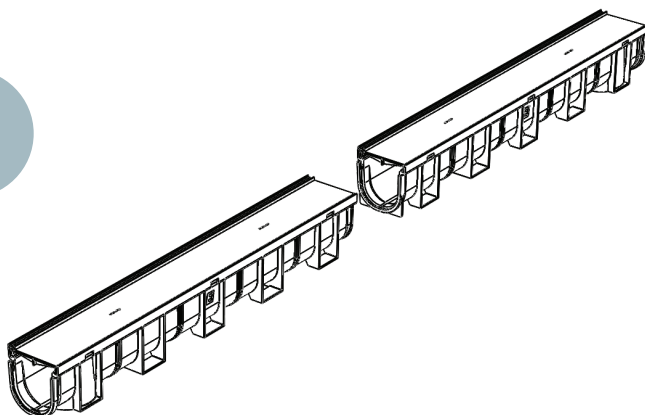
Trim the ends with a utility knife to remove excess plastic. Now you will have a channel with a male end. To cut the grate, place back into cut channel and mark the cut area. Remove grate and cut using a cutting disk to create a neat edge.

2.



Put your grate back into position. Use your EasyDRAIN converter to convert the male end back into a female end.

3.



Now the cut channel and grate can be connected to another channel length or EasyDRAIN End Cap

PREPARE

- / Confirm which components of the system you'll need for the area and lay them out in order as you would install them
- / Determine the length of drain that is required, allowing for the depth of outlet of each access pit ensuring there is enough fall of the stormwater pipe to the drain point
- / Position the EasyDRAIN Access Pit at each end of the installation for accessibility to the channel for future cleaning. Everhard recommends an EasyDRAIN Access Pit to be installed for every 4 metres of continuous channel, allowing for accessibility for cleaning purposes.
- / If required cut the channel to fit your area refer to the CONNECTION INSTRUCTIONS.
- / Dig your trench 50mm deeper and 50mm wider than the channel being installed and no less than 75mm wider than the width of the channel at its lip.
- / Slope the trench at a ratio of 1 cm for every 1m of channel minimum
- / If you are using PVC pipes to connect to the EasyDrain Edge, ensure your trench size suits this
- / Use a string line to ensure straightness and the correct finish height.
- / Fit EasyDRAIN Edge grate into the channel prior to installation
- / Connect your EasyDRAIN Edge Channel & Grate with other components to complete your drainage system.
- / To connect the channel or access pit to the PVC pipe, cut a hole in the base of the channel or side of the access pit or end cap as required, guided by the outlet collar on the component and seal with silicone.

INSTALL

- / Pour concrete slurry in the base of the trench
- / Place the channel and grate into the trench and push the channel into the concrete slurry so the feet of the channel are completely immersed
- / Pour concrete down each side of the channel, ensuring base is completely immersed

FINISH

- / Lightly compact and finish the concrete level with the lower edge side of the grate
- / Your tiles or pavers are ready to be installed over the top of the channel
- / Ensure a removable access point is positioned above the EasyDRAIN Access pit for cleaning purposes
- / OPTIONAL - Place the EasyDRAIN Edge Heel Friendly Insert into the gap between the hard surfaces to reduce the slot size for pedestrian traffic purposes. No Silicone is required.

If EasyDRAIN Standard, Edge or Compact is installed on a single or raised balcony all channel and component joints must be sealed using a polyurethane sealant (eg: Sikaflex). If installed without the sealant potential damage to the property can occur from water seepage and warranty will be void.

AFTER INSTALLATION

Clean your drainage system at the access pit where debris will collect. To clean, lift the tile/paver and the access pit grate and remove the debris from the pit

The EasyDRAIN Edge Grate is not locked into the channel, if you need to have access to the channel in the future, ensure tiles are installed to be removable.

HEEL FRIENDLY INSERT

The insert is made to 50mm height tiles/pavers, using a utility knife you can cut the Insert to fit to the height of the tile/paver. The insert is 250mm wide, using a utility knife you can also cut this down to suit the channel length

INSTALLATION TIPS



WATER FLOW

When determining water flow you will need to consider the following variables that may increase the volume of water flowing into your drainage system: the type of soil; the slope of the land; the size of the stormwater pipes; and the number of stormwater pipe connections.



REMOVING GRATES

For cleaning and maintenance purposes, grates can only be removed if they have been installed using a suitable expansion material. To remove grate, place the tip of a screw-driver into the flange, where the grate and channel connect. Gently push the edge of the channel outwards until the grate pops out. Repeat this for each flange along the channel.



PRE-EXISTING CONCRETE

If installing EasyDRAIN™ against pre-existing concrete or pavers, it is recommended that you 1. Dig your trench with enough room for drainage plus an additional 15-20mm below surface level 2. Pour concrete into the base of the trench and place in EasyDRAIN™ Channel and Grate 3. Push the channel and grate down into the concrete, allowing for excess concrete to push up the side of the channel away from the existing concrete.



TRAFFICABLE AREAS

If you are installing your EasyDRAIN™ system in an area that may receive some vehicle traffic such as a driveway, you will need to ensure that you install your channel in concrete. For driveways, we recommend our range of polymer grates. Refer to installation instructions above.

PLEASE NOTE: Please check spec packs for specific details regarding each grates Class rating. For drainage that allows for Class D traffic, view our TechnoDRAIN range at everhard.com.au