

EasyDRAIN™ Installation Instructions



Installation Is ...
Easy As 1, 2, 3
Prepare • Install • Finish



IMPORTANT: EasyDRAIN™ Channel should always be installed with the grate attached to the channel.

***Galvanised grates are not suitable around swimming pools or salt water environments.**

1 Prepare Trench

Dig a trench of at least 185mm deep x 250mm wide and place compacted bedding sand or concrete in the base. Ideally the trench should be sloped at a ratio of 10cm per 10m of channel to prevent water pooling along the length of the channel. Use a string line to ensure straightness and the correct finish height.

2 Install Channel

Connect EasyDRAIN™ Channel sections together using the easy male to female interlocking system. It is recommended that you connect 3m sections together before placing it into the trench and that the grates are attached to the channel prior to installation. To make sure the channel sections are securely connected, lightly tap the joint between the channel sections until the joint clicks together.

Connect an EasyDRAIN™ End Cap to the highest point of your EasyDRAIN™ Channel. To change the direction of your channel, use an EasyDRAIN™ Channel Corner, EasyDRAIN™ Tee Piece or EasyDRAIN™ Rainwater Pit. It is also possible to cut and join EasyDRAIN™ Channel in 200mm increments using the EasyDRAIN™ Converter piece. This Converter can also be used to connect together male ends of channel or the male end of a channel to a Corner or End Cap. When using the Converter it is necessary to trim the locking tags of the connecting rib using a sharp knife.

At the lower end of the drain the channel can be connected to the stormwater drainage system by using an EasyDRAIN™ Slim Pit or Rainwater Pit, or by connecting directly to 90mm pvc stormwater pipe using the easy cut-out feature in the End Cap. Alternately, the channel can be connected to 75mm or 90mm pvc stormwater pipe via the base of the channel using, using the collars in the product as a guide for cutting.



Corner Piece



Tee Piece



Convertor



End Cap



Leaf Dome



Slim Pit

3 Finish Installation

Once you are ready to start laying your drain, position the channel into the concrete slurry or compacted sand so that the feet of the channel are completely immersed.

A suitable expansion joint should be installed along both sides of the channel for its whole length (Everhard recommends 75mm wide, 8-10mm thick) attached to the channel with adhesive tape. The upper edge of the strip should be level with the upper edge of the channel. This allows for the grates to be removed once installed if cleaning becomes necessary.

With the EasyDRAIN™ Channel and Grate in place, pour concrete along the outside walls of the channel to a thickness of 50mm. Lightly compact and finish the concrete slightly above the surface level of the grate (approximately 2-3mm) to promote run off from the surrounding area into the drain.