

Fernco Storm Drain Channel Installation

Your complete surface water drainage solution - strong & easy.



1. Dig a trench deep enough to allow for a 2" bed of sand and wide enough to accept a 4" backfill of concrete on each side.
2. Fix a string to the finished height and allow a fall of 1/8" per channel. If using bottom outlet determine its location. Spread and compact the sand base.
3. Remove grates to access End Cap and End Outlet, slide the End Outlet into the slot of one channel, using the tabs position the End Cap in another channel and hold with tape, replace grates.
4. Working from the End Outlet lay the channel using the string line to set the grade.
5. If necessary cut the channel and grate to length, a silicone sealant or tape may be used to hold the End Cap in place during the pour.
6. Once the layout is complete, "if required" cut or knock out the bottom outlet for the atrium leaf guard and install.
7. Tape the exposed surface of the grate to protect it during the concrete pour. Using a small piece of tape, cover the grate slots to prevent concrete from entering during the pour.
8. **Vehicular traffic:** Backfill with concrete, float off channel 1/2" below finished level of concrete.
9. **Asphalt:** Do not pour asphalt against channels. Backfill with concrete a minimum of 4" each side.
10. **Alternative applications:** Backfill with concrete a minimum depth of 3" extending away a minimum of 4" each side, install pavers or back fill with soil.
11. Allow 72 hours of curing time prior to removal of grates.

