

Strong & Easy Drainage!

Channel Drains

Quick & Easy Installation

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 1/16" 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.



Contractor Pack
FSD-GP3G



90° Corner
FSD-90CGG



39.5" Channel
FSD-CHGG



Strong & Easy Drainage

Your complete surface water drainage solution.



www.fernco.com



United States
PH: 810-653-9626
FX: 810-653-8714

Canada
PH: 519-332-6711
FX: 519-332-8610



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Strength By Design

Designed to withstand 10,000 lbs. vehicle weight without moving in concrete.

The durability & high performance of the Fernco Storm Drain ensures a long lasting, permanent solution to the collection and dispersal of standing surface water. The easy installation is ideal for driveways, pools, patios, walkways, sports courts and more.

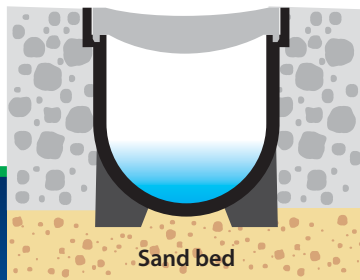
- **Made from 100% recycled polypropylene**
- Channels and grates are rated to 10,000 lbs
- All products are "UV" inhibited
- Bottom outlet accommodates 4" drain pipe
- No clips or screws required to assemble



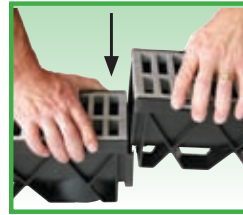
APPLICATIONS

- Driveways** - Position between the garage and the driveway.
- Patios** - Drain water where it may be water pooling.
- Swimming pools** - Divert pool water away from flower beds.
- Sports Courts** - Where standing water could be a hazard.
- Gardens** - Where natural run off can be safely diverted.
- Walkways** - Drains pooling water safely and conveniently.
- AND MORE!**

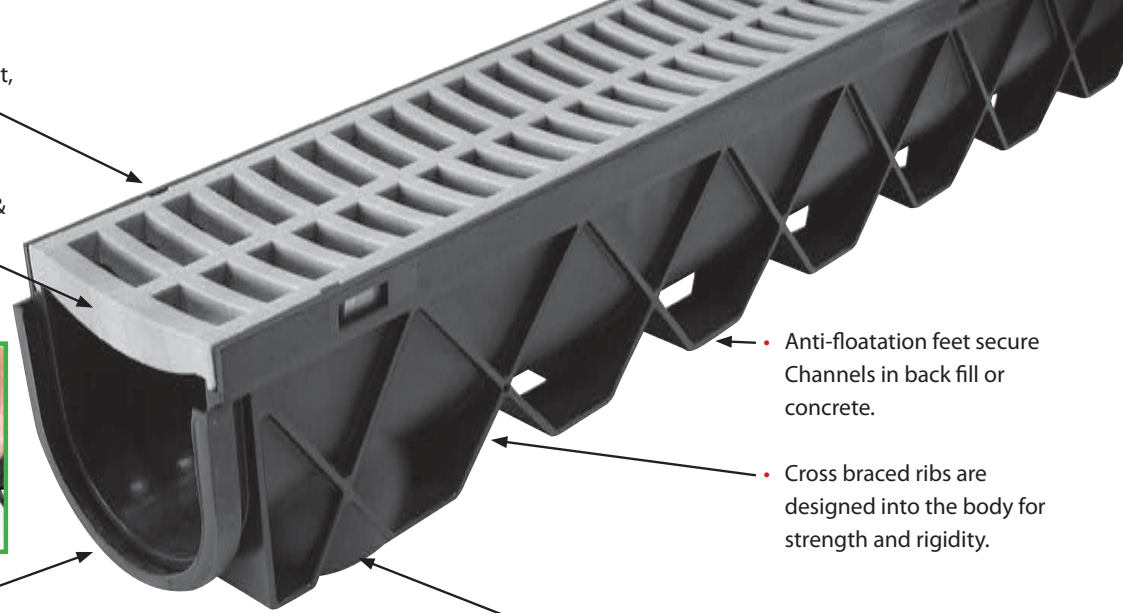
Backfill with concrete for vehicular traffic.



- Grates snap in and out, no screws required.
- Grates are concave to more efficiently trap & transfer water.



- Channel lengths are interlocking with a secure built-in joining system.



- Anti-floatation feet secure Channels in back fill or concrete.
- Cross braced ribs are designed into the body for strength and rigidity.

Bottom outlet in every Channel.

- Built in bottom outlet in each Channel is easily cut out with a utility knife and accommodates 4" sewer and drain pipes. The leaf guard also easily fits into the bottom outlet.

90° Corner
FSD-90CGG



90° Corner allows left or right hand extension of the Storm Drain

End Cap
FSD-EC



End Caps just slide into Storm Drain

Leaf Guard
FSD-LG



Leaf Guard prevents debris from going down drain pipe

End Outlet
FSD-EO



End Outlet accommodates 3" & 4" sewer and drain pipe OR 3" & 4" Sch. 40 fitting hub



Simple accessory attachment.



- The Storm Drain 90° Corner, End Cap and End Outlet just slide into the female end of the Channels. They also each have tabs to fit into the male end of the Channels or the cut to length end of the Channels.

No clips or screws required to assemble.