POLYLOK™ Inc.
Innovations in Precast, Drainage & Wastewater Products
Zabel® A Division of Polylok Inc.

Storm Drain

Strong & Easy Drainage!

The fast, easy & profitable surface water drain system.

STORM DRAIN
STRENGTH BY DESIGN

Complete Surface Water Drainage Solution

- Manufactured from 100% recycled plastic (polypropylene).
- Channels and Grates are rated for 5 tons or 10,000 lbs.
- Cross braced ribs are designed into the body for strength and rigidity.
- Anti-Floatation Channel 'feet' prevent floating when encased in fill material.
- Built in bottom outlet accommodates 4" sewer & drain pipe.
- 'U' shaped channel and corners are designed to prevent water pooling.
- Channel lengths are interlocking, no clips required and are "Qwik Fit".
- Channel grates clip in and out, no screws required.
- Channel Grates are concave to more efficiently trap/transfer water.
- End Caps, Outlets and Leaf Guards are "Qwik Fit", no solvents required.
- All products are 'UV' Inhibited.

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RELN

Strong & Easy Drainage!

The durability & high performance of "Storm Drain" ensures a long lasting, permanent solution to the collection and dispersal of standing surface water.

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

Backfill with concrete for vehicular traffic.

PLESD-90CDG

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

PLSD-EC

End Caps just slide into Storm Drain

PLSD-EO

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

PLSD-LG

Leaf Guard prevents debris from going down drain pipe

APPLICATIONS

Driveways - Position between the garage and the driveway.
Patios - At the pathway joining the patio or where there may be water pooling.
Swimming pools - Where pool water is not to be drained into the yard or flower beds.
Sports Courts - Where standing water could prove to be a hazard.
Gardens - Where natural run off can be safely diverted.
Walkways - Removes and drains pooling water safely and conveniently.

Quick & Easy Installation

1. Locate the position for the "Storm Drain" Channel
2. The trench depth should allow for 2" (50mm) sand and wide enough to accept 4" (100mm) of backfill material, on both sides.
3. Fix a string to the finished height and allow a fall of 1/8" per channel.
4. Remove grates to access End Cap and End Outlet.
5. Position End Cap and End Outlet on the their respective channels.
6. Replace the grates and join the lengths.
7. Lay channel working back from the End Cap using the string line to set the grade.
8. Cut the channel and grate to length, if necessary, a silicone sealant or tape may be used to secure the End Cap or End Outlet to the channel.
9. Once the layout is completed, cut out the bottom outlet for the Atrium Leaf Guard, if required & install.
10. Tape over grate locking holes on the channels prior to concrete pour.
11. Tape over the grate to protect it during the asphalt or concrete pour.
12. Back fill with soil or sand and finish with turf or pavers if no vehicular traffic is expected.
13. Backfill with concrete if "Storm Drain" is to be subjected to vehicular traffic and float off to 1/16" (2mm) below the final surface level.
14. Allow 72 hours of curing time before vehicle use or removal of grates.

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50 years of Innovation