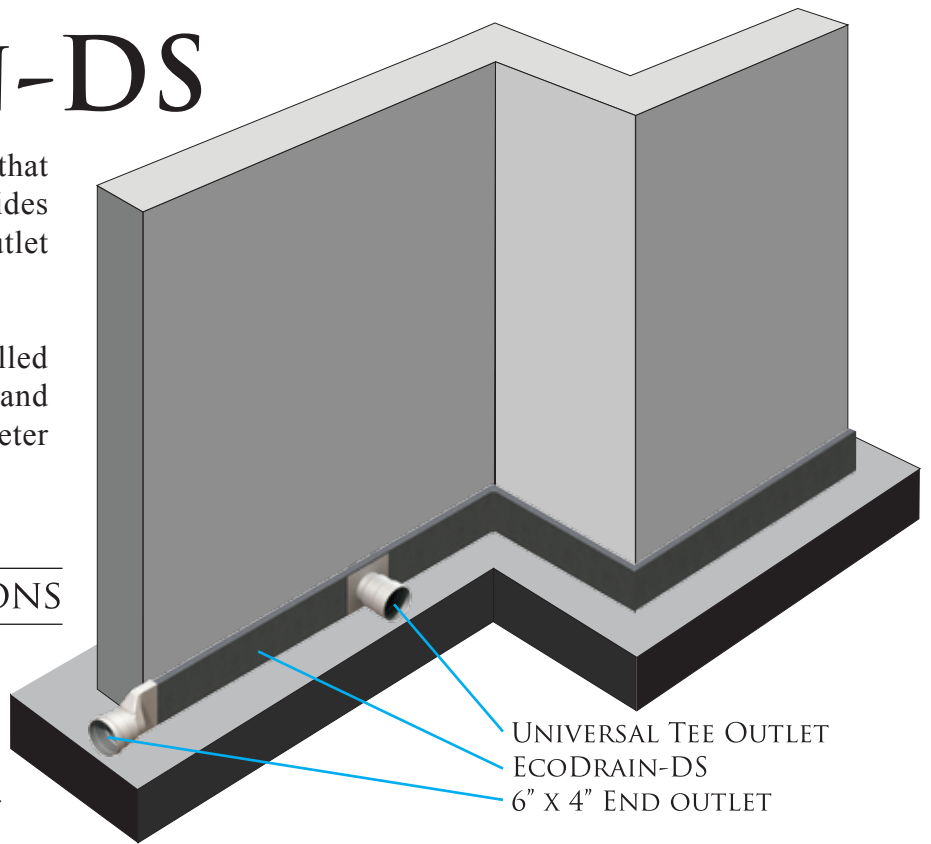


# ECODRAIN-DS

Ecodrain-DS is a footer strip drain that has a 1" thick core and fabric on all sides to carry water from base of wall to outlet piping or sump.

Ecodrain-DS foundation drain is installed on exterior of below-grade retaining and foundation walls to provide perimeter drainage. (ICC approval - ESR-1107)

## INSTALLATION INSTRUCTIONS



- Unroll the Ecodrain-DS to stand on the top of the footer and run along the base of the wall. (May also be placed at the bottom of the footing).
- A 6" end outlet is installed on the end of the drain that allows you to connect to a 4" corrugated plastic or PVC pipe.
- Connect the next roll of Ecodrain-DS with a standard straight connector or peel back fabric from both ends to be connected. Overlap core for two rows of cones. Next, pull the cloth back over connected ends and tape to prevent soil from entering core.
- If you have an end that is to be buried cut about three inches off from end of core and wrap fabric back over end and tape to prevent soil from entering core.
- The Ecodrain-DS is capable of bending around both inside and outside corners. Care should be taken not to bend the strip drain sharply and restrict the water flow. If acute ( $< 90^\circ$ ) angles are required, use a corner fitting to splice the two pieces of strip drain together.
- Fittings (i.e. end outlets, straight connectors, etc.) Maybe connected with duct tape, Ecotape or any underground tape. You may also drive a ribbed nail through the connector into the fabric and core of the Ecodrain-DS to hold in place for back fill.
- The Ecodrain-DS can either be mechanically fastened to the wall or held in place by shoveling dirt against it.
- Tying into under slab laterals from outside Ecodrain-DS should be done with a Universal Tee on the outside Ecodrain-DS and a 4" pipe should be used to make transition through footer.
- Roof drains, and downspouts should **NOT** be tied into foundation footing drain.