

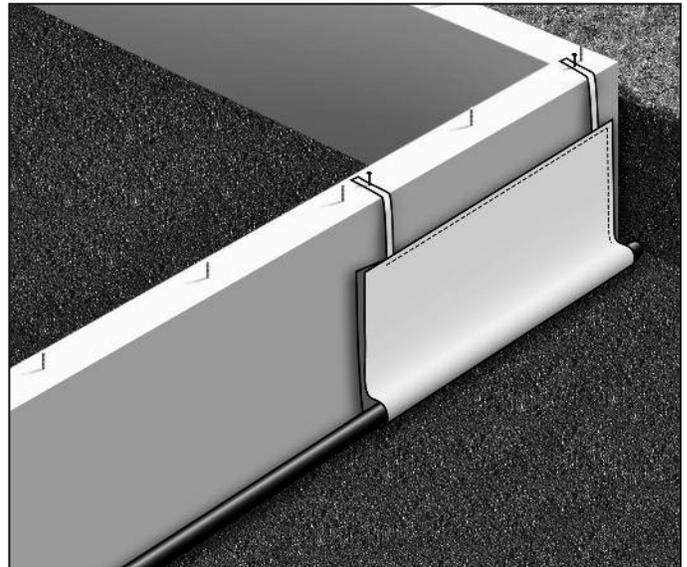
# Prefabricated Drainage Systems from Eljen

## Instructions for Retaining Wall & Foundation Installations

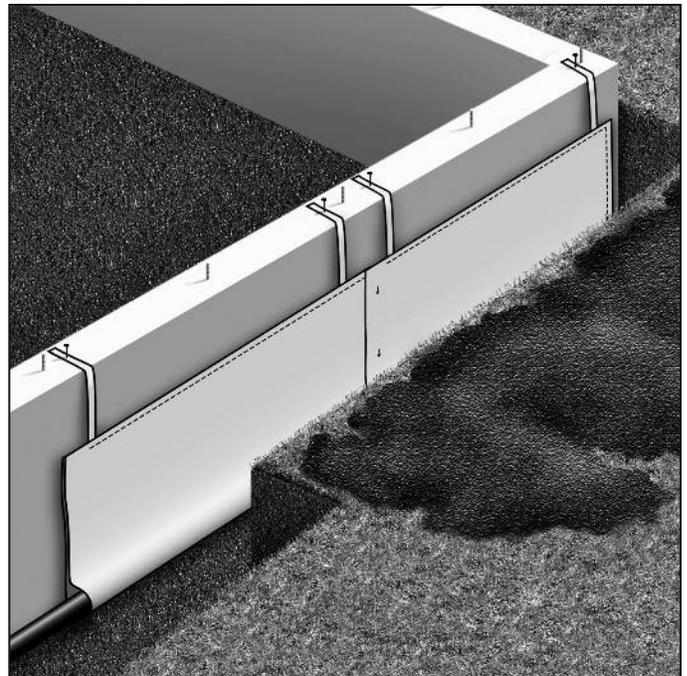
1. Determine the direction(s) the water will drain after system is installed.

**Note: It is very important that there is a slight pitch to the pipe in the direction(s) that the water is to drain.**

2. Roll out corrugated, perforated drainage pipe along the length of the wall.
3. Insert the end of the pipe into the bottom of the open flap end of the first panel, on the outside of the plastic core, and slide the panel along the pipe the full length of the panel.
4. Nail or tie the panel's straps to the top of the wall to support the panel.
5. Insert the opposite, free end of the pipe into the slit (at the bottom of the sewn end) of the next panel, position it on the outside of the plastic core, and slide the panel along the pipe.
6. Position the leading end of the second panel inside the flaps of the first panel so that it butts the plastic core of the first panel.
7. Nail or tie the straps of the second panel to the top of the wall to support the panel.
8. Use the supplied safety pins to join the two panels in four places where they overlap: Top, middle, bottom and just above the pipe.
9. Continue as above with additional panels.
10. If water is to be drained from only one end of the wall, attach an appropriate length of *non-perforated* pipe to the drain end. The non-draining end should be capped to prevent soil from entering system.
11. **Make sure that in each panel the pipe is positioned next to the core on the side away from the wall.**
12. Backfill the excavated material against the completed system. Cover panels completely. If the fill has stones over 2" in it, you should protect the drainage system from damage by leaning sheets of 1/2" plywood next to the system.
13. Cut off the hanging straps. None of the system should now still be visible.
14. Contact your sales representative if adapters are needed.



Steps 1 through 4



Steps 5 through 8

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