

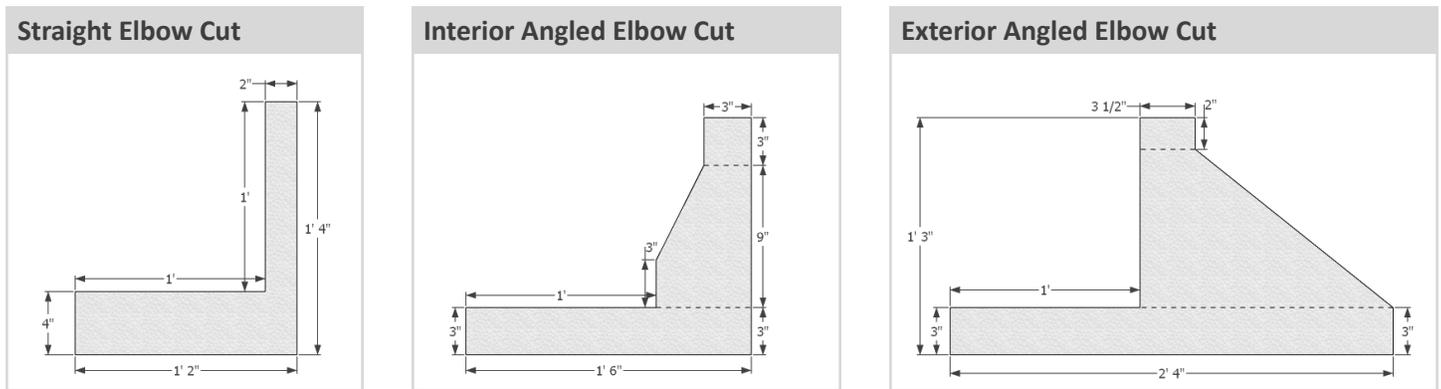
Enviroslab Installation Manual

Before Starting the Installation

- The usable length of the Enviroslab forms is 8' (2438mm). Once the entire perimeter is calculated from the project drawings, divide the total perimeter by 8' to get the number of Enviroslab forms required.
- Ensure that the base is smooth, compacted, and at the correct elevation before Enviroslab form installation. Preliminary excavation and compaction shall be completed following local building codes.
- The site should be well-drained so that moisture is not retained under or adjacent to a building.

Availability

Enviroslab blocks are 8' (2.4m) in length and come in three general sizes. Custom cuts can be made as per project-specific requirements. Dimensions and/or cut section drawings for custom cuts can be submitted for quoting, production, and delivery on-site. Dimensions and/or cut section drawings can be submitted for quoting, production, and delivery on-site.

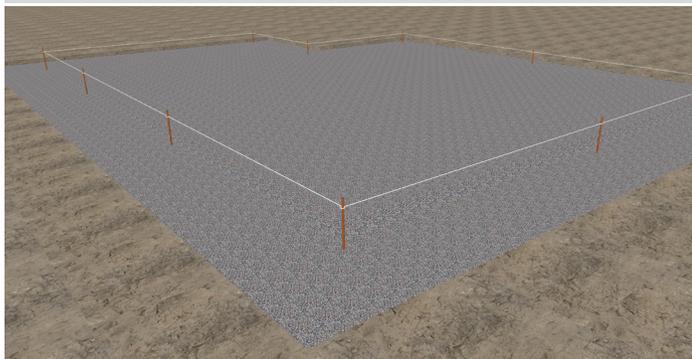


Installation

These general installation steps are applicable to Enviroslab installation for foundation slab, and slab on grade applications.

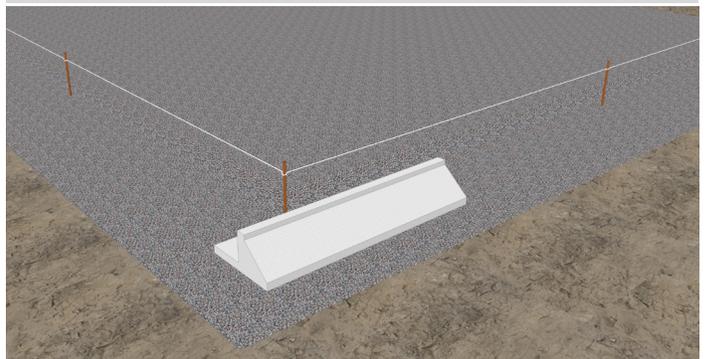
Step 1

Plan the outline of the Enviroslab forms on the compacted base.



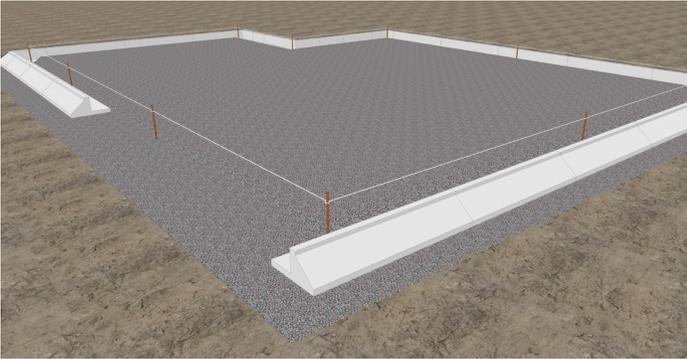
Step 2

Start from one of the corners of the slab and work outwards. Lay down the first form, and ensure that it is levelled as per project specifications.



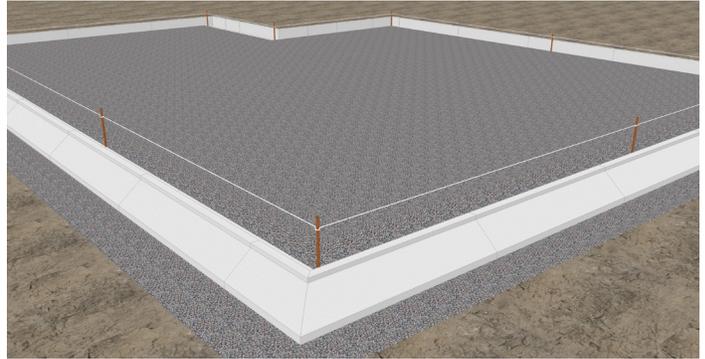
Step 3

Continue to lay the panels, ensuring that they are placed abutting one another while being snug and aligned.



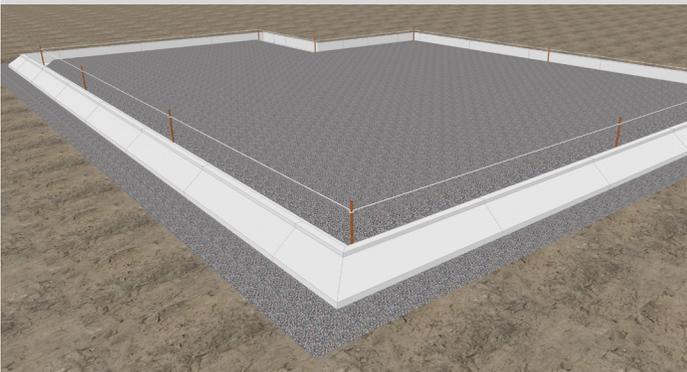
Step 4

Once all Enviroslab forms have been placed, check to make sure they are levelled and square. Forms at the corner can be cut at a 45 degrees (or as specified in the project specifications) to maintain the tapered edges of the form when square, or intersecting one another.



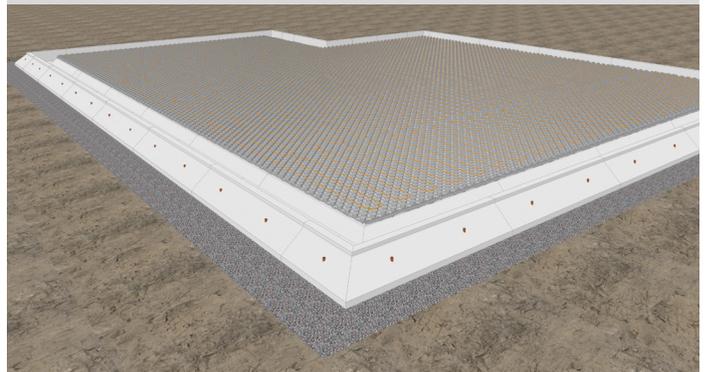
Step 5

Install stakes through the form. Two to three stakes should be used per form and spaced 2.5 to 4 feet (762 to 1219 mm) apart.



Step 6

If required as per project specifications, install underslab insulation or radiant floor heating panels and systems. Install supplementary vapour barrier membrane as required for the project, where and if specified.



Step 7

Install slab reinforcement, and proceed with concrete slab placement, and consolidate as per project specifications.



Step 8

Install above-grade wall assemblies where applicable and ensure flashing is placed from the above wall assembly and over the Enviroslab forms. Backfill the Enviroslab forms as necessary.

