

GeoDrain™ Foundation Insulation Board Alternate Installation Instructions

GeoDrain foundation insulation board can be used to protect foundation dampproofing below grade and provide another below grade drainage plane. When used for this purpose, GeoDrain foundation insulation board can be stopped below grade and the following alternate installation instructions apply.

1. Prior to installation of GeoDrain foundation drainage board, dampproofing as per the requirements of the Ontario Building Code shall be applied and allowed to cure from the top of the footing to above the finished grade.
2. Attach a geotextile filter cloth to the foundation wall so that its bottom edge is approximately 450 mm (18") below the expected finished grade. Allow sufficient length of geotextile so that it can be draped over the top edge of the GeoDrain board and will extend over the exterior face of board to approximately 300 mm (12") below grade (see Figure 1).
3. Start with the vertical edge of the first GeoDrain board flush with a corner of the foundation wall and position its top edge so that it will be approximately 150 mm (6") inches below the finished grade.

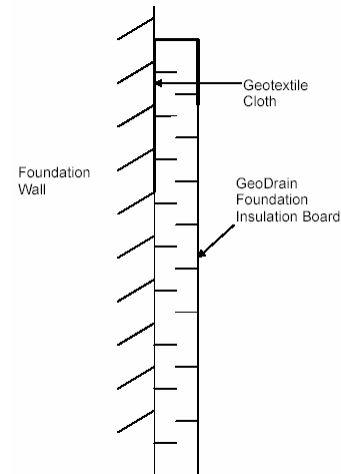


Figure 1 - Geotextile Filter Cloth Detail

NOTE: Boards are placed with the drainage grooves vertically oriented in contact with the foundation wall.

4. GeoDrain foundation drainage board should be adhered to the foundation wall over the cured dampproofing. Six walnut-sized spots of an insulation adhesive approved for use with EPS should be equally spaced on the boards.
5. GeoDrain foundation drainage board is then pressed firmly into place over the cured dampproofing membrane ensuring that the vertical joints between the boards are butted tightly together.
6. Maintain a gap of 6 to 13 mm (1/4 to 1/2 inch) between the bottom edge of the drainage board and the top of the footing in order to facilitate drainage of water to the drainage tile. If required, dimensions of board can be adjusted easily using a fine-toothed hand saw.
7. Drainage tile at the base of the foundation wall shall be covered with at least 150 mm (6") of crushed stone or other coarse clean granular material containing not more than 10% material that will pass a 4 mm sieve.
8. Backfill material within 600 mm (24") of the foundation wall free of deleterious debris or boulders larger than 250 mm (10") diameter is then placed against the face of the GeoDrain board with the geotextile filter cloth draped over the exterior face of the board.