

GRAVITY WALLS

NOTE: The following is an example of a typical GeoStone installation. Not all walls require the same techniques. GeoStone recommends consulting with an Authorized GeoStone representative or professional installer before undertaking such a project. Check with your local municipality before starting any construction project for applicable regulations and permits that may be required.



1. Dig a two foot wide foundation trench 6 to 12 inches deep removing soft surface top soils.



2. Rock foundation & leveling pad. Crushed rock is placed 2 to 4 inches deep in trench and leveled.



3. Foundation and leveling pad is completed with a mechanical plate tamp or hand tamp.



4. Base course of Geostone Landscape blocks are placed upon compacted level rock foundation.



5. Blocks are aligned as desired. If wall is straight, use a string line.



6. Finish leveling. Using a 2 foot carpenter's level and a rubber mallet, level each block front to back and side to side level with the adjoining block.



7. Additional courses of GeoStone Landscape blocks are placed upon the base course in running bond. Be consistent in setting the batter (set back) in each course.



8. When 2 to 4 courses of block have been placed in your wall and properly aligned you will fill the core of the blocks and two feet behind the wall with #67 crushed stone.



9. Sweep the rock from the top courses of block. Place additional courses of block on the wall repeating the construction process until the desired wall height is achieved.



10. Adding a curve can be achieved easily due to the shape of the block and its not being hindered by lips or pins.



11. Stepping Up is a method used to follow a slope up a hill. The base course runs into the ground as shown while the course above continues on. Make sure to level each footing block in the step up procedure.



12. A finishing touch to your wall is a cap block that can be applied with outdoor construction glue.



F U N C T I O N A L

The GeoStone system is a professional module and is a very powerful wall when installed correctly. Certain situations can impact a wall and should be taken into consideration in its initial design. Situations include but are not limited to: Significant slopes in front of or behind wall, structures or loading otherwise known as surcharge, poor drainage, and / or poor soil conditions. For more information and installation techniques visit us at:



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