



Estate Wall

TOOLS REQUIRED:

- Safety Glasses
- Mask
- Gloves
- Measuring Tape
- Shovel
- Level
- Hammer
- Appropriate Compaction Equipment

INSTALLATION INSTRUCTIONS

Estate Wall system is designed for small to medium gravity walls measuring 3 feet in height or less. For retaining walls taller than 3 feet consider using 6" Stone Wall® II, 8" GeoWall® Pro and 8" GeoWall® Max in combination with Geogrid (a soil reinforcement material). For more information on those products please visit www.basalite.com

****Wall height is measured from the base of the wall, including the portion of the wall that is buried, submerged or otherwise below ground level.****

Retaining walls may require permitting by your local municipality. Please consult your local planning department for those requirements prior to construction.



Figure 1

Step 1 - Prepare the Site

Determine wall location by using a string line to lay out the wall. For curved sections, use a garden hose to lay out the wall line. Dig a shallow trench along this line for the first "base" course. The trench (also known as a "leveling pad"), should be 10.5 inches deep. Once dug, place a 6-inch layer of ¾ inch, crushed granular stone. Level and compact the crushed stone pad using a hand-operated, vibratory plate compactor or similar compaction equipment, (See Figure 1). DO NOT use sand as a base material.



Figure 2

Step 2 - Set the Base Course

Place and level the first unit with the lip down (See Figure 2). You may remove the entire lip for easier installation. To remove the entire lip, secure the unit, or angle it on the ground and strike the lip on each side of the scoring line firmly with a hammer. Level each unit side to side and front to back with a torpedo level. As you place the blocks, make sure that the outside edges touch. If the grade changes along the base of the wall, you may need to step up the leveling pad to match the grade change. Always start your wall at the lowest point in the wall elevation, working to the highest. Complete the base course before proceeding.



Figure 3

Step 3 - Stack, Fill and Compact

Starting with the straight wall section first, begin placing the second course. Place the units centered on the two units below in a running bond pattern (See Figure 4). To maintain the proper set back on curves (convex & concave), remove the inside or outside lips. Install a 4-inch perforated drain pipe behind the base course block. The drain pipe should be connected to outlet pipes to drain water away to a storm drain or your local water discharge system. To create a curve by removing the inside or outside retaining lips, secure the unit or angle it on the ground, and strike the lip on the side of the scoring line that you desire removed.



Figure 4

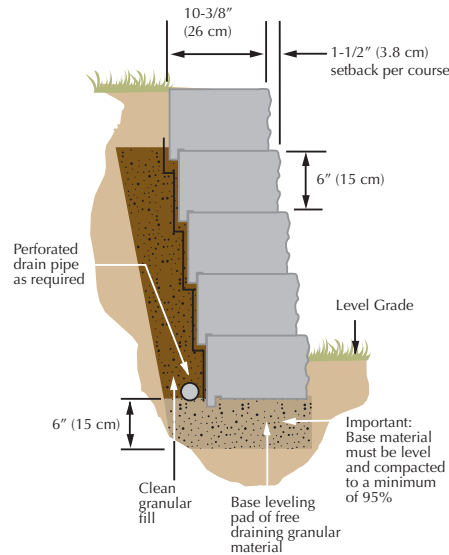
Place clean, crushed ground stone twelve inches behind the blocks and around the drain pipe. Back fill with the soil behind the drainage rock, and compact using a hand-operated, vibratory plate compactor, or similar compaction equipment. Use of self-propelled compaction equipment should be avoided within 3 feet of the back of the wall. Repeat the above steps until the desired height is achieved.

1-800-776-6690

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DISCLAIMER

THE INFORMATION PRESENTED IN THESE INSTRUCTIONS IS BASED UPON THE ASSUMPTION THAT SITE PREPARATION, LEVELING PAD PREPARATION, INSTALLATION OF THE BASE COURSE AND SUBSEQUENT COURSES, BACKFILL AND COMPACTION ARE IN CONFORMANCE WITH THE INFORMATION SET FORTH IN THIS MANUAL, INCLUDING DRAWINGS AND PROCEDURES, IS PRESENTED FOR GENERAL INFORMATION ONLY. WHILE EVERY EFFORT HAS BEEN MADE TO INSURE ITS ACCURACY, THIS INFORMATION SHOULD NOT BE USED OR RELIED UPON FOR ANY SPECIFIC APPLICATION WITHOUT INDEPENDENT PROFESSIONAL EXAMINATION AND VERIFICATION OF ITS ACCURACY, SUITABILITY, AND APPLICABILITY. ANYONE USING THIS MATERIAL ASSUMES ANY AND ALL LIABILITY, INFORMATION AND CONSEQUENCES RESULTING FROM SUCH USE. EXCEPT AS TO ASTM1372, BASALITE HEREBY SPECIFICALLY DISCLAIMS AND EXCLUDES ANY AND ALL EXPRESS, IMPLIED OR STATUTORY WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES OTHERWISE ARISING FROM COURSE OF DEALING OR USAGE.



WARNING: Cancer and Reproductive Harm.
www.P65Warnings.ca.gov

Concrete CMU/Concrete SRW/Concrete Paver/Concrete Decorative Products

Precautions: Do not eat drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust.

First Aid: If exposed or concerned: get medical advice/attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call the poison center/doctor if you feel unwell.

DANGER



Harzards: Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Respirable dust may contain crystalline silica, known to cause cancer. May cause respiratory irritation. Causes damage to lungs through prolonged or repeated exposure.

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