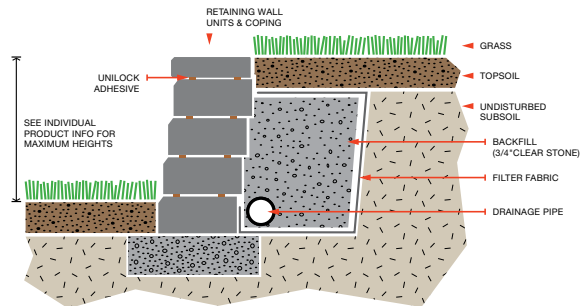


## WALL Installation



WALL BASE THICKNESS		
Application	Gravel Base	Backfill
Walls	6" (15 cm)	12" (300 cm)
Planters	4" - 6" (10 - 15 cm)	8" (20 cm) angled
Steps	4" - 6" (10 - 15 cm)	8" (20 cm)
Pillars	12" - 18" (30 - 46 cm)	n/a



### 1-2 Planning & Preparation

Draw a simple plan as instructed under paver installation.

**Tools required:** Wheel barrow, rake, level, string, tape measure, 3 lb. mallet, 3" (7.5 cm) masonry chisel, masonry saw, shovel, hand tamper, gloves, safety glasses. (For larger jobs rent a gas-powered compactor.) Call the utilities, phone company, and cable TV provider to locate any buried cables and/or services.



### 3 Excavation

Excavate a minimum of 7" - 12" (18 - 30 cm) below the finished grade. The width of your base should be 2 times the depth of your wall unit. Excavate more if the soil has been previously disturbed or drains poorly (heavy clay conditions). Remove all loose soil. Remember that you need a minimum of 4" (10 cm) of gravel base using 3/4" (2 cm) crusher run gravel/sand mix (see Wall Base Thickness Chart) and at least 3" (7.5 cm) of wall unit buried below grade level to help "toe in" the wall.



### 4 Base

Place 4" - 18" (10 - 46 cm) of gravel (see Wall Base Thickness Chart) in the trench and compact in layers of 2" - 3" (5 - 7.5 cm) using a hand tamper or gas-powered vibrating compactor. Compact until very hard. Leave enough room for the first 3" (7.5 cm) of the first row of wall units to be buried below grade level. The final height of your installation will determine the exact level at which you must set your base.



### 5 Leveling

Some wall styles come as "doubles." Split them first. Level the blocks individually using a mallet and a small level. Ensure that all blocks are leveled from side-to-side and front-to-back. After the first row is in, the rest of the units can be stacked. Offset all vertical joints by starting the second row with a block cut in half.

Some blocks styles do not have a lip or groove locking them together. In these cases we recommend that the blocks are individually glued together.



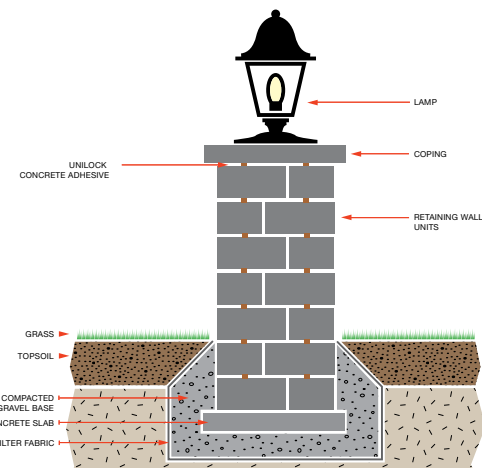
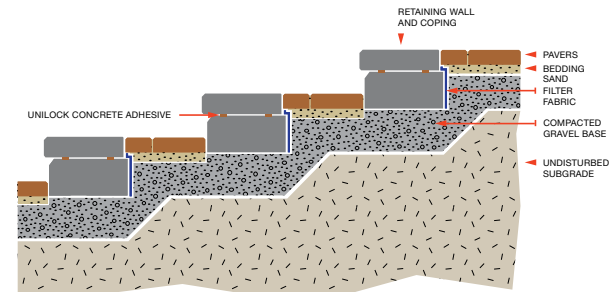
### 6 Backfilling

Add gravel backfill after every 2 rows of blocks. Use a well draining gravel. See cross-sections and chart for quantities required behind the wall. (You may wish to ask your Unilock® Dealer for assistance.) Always use a filter fabric to separate the existing soils from your gravel. Leave enough filter fabric to wrap the top, as shown in the cross-section details. This will prevent the clear gravel from getting clogged.



### 7 Finishing

When placing your final row of blocks, (in some cases this might be a special cap called "coping"), you must glue them on with Unilock's Concrete Adhesive. Always dry-fit and cut any pieces required before gluing. After the glue has set (approx. 4 - 8 hours), you may backfill with soil, put in sod, or install plants to complete your installation. (see cross-sections for placement details.)



Unilock® provides a transferable lifetime guarantee on the structural integrity of its paving stones to the original purchaser of the product for residential use. Material installed using our installation guidelines that proves defective will be replaced without cost. Color matching cannot be guaranteed and replacement labor is not included. Proof of purchase required. To register your transferable lifetime guarantee visit [www.unilock.com](http://www.unilock.com).



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