

Installation Guidelines

The following Installing procedures apply to all **NICOLOCK** Retaining Wall Units constructed as a conventional Gravity Wall system.

Step 1:

Excavate a trench 4" wider than the wall width of the unit being used. Excavate trench to a depth of 6" to 12", depending on height of wall. Compact the soil at the bottom of trench. Shape the slope behind wall to allow for 12" of drainage material.



Step 2:

Place filter fabric in trench and up the cut slope. Fill trench with clean, graded aggregate and compact to a depth of 6".



Step 3:

Position a level string line at the straight face of the unit to maintain alignment. Place the wall units side by side in the center of the prepared base. Bury the first course of block to a depth equal to 10% of the height of the wall, measured in inches. Level units from side to side, front to back.



Step 4:

Fill the space in front of wall with clean fill to grade to hold units from shifting. Place a perforated pipe behind wall on top of base for drainage. Fill drainage area with clean aggregate keeping filter fabric in place. Backfill soil on outer side of fabric and compact.



Step 5:

Place successive courses by fitting the keys and grooves onto the units in the row below. Keep the tops of each course clean to maintain levelness. Stack units in running bond (crossing joints).



Step 6:

Continue building the wall to the desired height. Backfill with clean aggregate behind each course as completed. Backfill and compact soil. Finish the wall by placing the coping stone with a suitable masonry adhesive.

*For soil-reinforced retaining walls or for more detailed information, consult your local distributor or contact **NICOLOCK** Technical Sales Dept.*