PREPARE LEVELING PAD
Excavate for the leveling pad. The trench should be a minimum of 21 inches wide and should be 6 inches deeper than the block. See Diagram 1.

Create a leveling pad of compacted base material that extends a minimum of 6 inches in front of and 6 inches behind the wall units. This pad should also be at least 6 inches deep after compaction.

BASE COURSE
Once the pad is compact and level, begin placing the units. Center the units on the pad. The ends of the units should be in contact. The base course must be buried below grade and should be included when calculating total wall height. See Diagram 2.

BUILDING THE WALL
Units can be placed in any order to form an aesthetically pleasing layout. The simplest is one that incorporates large, medium and small units. The units should be installed so the ends are in complete contact with each other. Remember to keep the wall on bond by placing units in a staggered relationship to the course beneath. Repeat this process to complete the wall. Remember to glue the top two courses and caps in place with a concrete adhesive.

ENDING A WALL
Split a large unit into pieces sized as needed. Do not use pieces smaller than 6 inches wide. If needed, cut the second-to-last piece and make the last piece the appropriate size. Smaller pieces should be glued into place with a concrete adhesive. After splitting the end piece, use a hammer and chisel to create a rounded appearance to match the manufactured split blocks.

Diagram 1

Diagram 2

Base Course
It’s easiest to build the base course for a straight wall out of large freestanding wall units.

Next Course

Split

Wall End