



[www.versa-lok.com](http://www.versa-lok.com)

Visit [www.versa-lok.com](http://www.versa-lok.com) for a full array of information on VERSA-LOK systems, including product descriptions, installation tips and frequently asked questions.

#### important notice

The maximum stable, unreinforced VERSA-LOK wall height in best conditions is 4 feet and may be lower depending on soil, site and loading conditions (including terraces). Taller walls need geogrid soil reinforcement, designed by a qualified engineer. Check your local building code requirements. Please contact your supplier or VERSA-LOK representative for assistance.



No matter how challenging your landscaping problem may be, there's a VERSA-LOK® retaining wall system that can resolve it with elegance.

VERSA-LOK is the original solid, pinned segmental retaining wall system. With four systems from which to choose—Standard, Cobble®, Accent® and random-pattern Mosaic®—if you can design it, you can build it with VERSA-LOK.

From a simple planter box to multiple tiered walls, the possibilities are limitless. VERSA-LOK's uniquely engineered design enables the creation of multiangle curves and corners, stairs, columns and freestanding walls. Available in a variety of colors and two distinctive textures—classic split-face and vintage Weathered™—VERSA-LOK retaining wall systems provide homeowners with a full palette of creative options. VERSA-LOK's solid, low-absorption, high-strength concrete units are virtually maintenance-free and famous for easy installation.

VERSA-LOK. One original design. Four solid solutions.







## Installation overview

The following information will provide you with a general understanding of retaining wall construction. For illustration purposes, only Standard units are shown. If you're building your own VERSA-LOK wall, request a free copy of our Design & Installation Guidelines, along with a copy of *The Base Course* installation DVD, from your local supplier. Or visit [www.versa-lok.com](http://www.versa-lok.com).

### step 1 leveling pad preparation



Excavate and compact a 24-inch-wide trench deep enough to accommodate a 6-inch crushed-rock leveling pad, 1/2-inch layer of sand and the embedded below-grade courses. The first course of VERSA-LOK units should be

embedded below grade a minimum of 1/10 of the exposed wall height.

### step 2 install base course



Place VERSA-LOK units on the compacted leveling pad. As you proceed, level each unit front to back, side to side and with adjacent units. Leveling is critical at this stage, so take your time! Use a stringline stretched behind the wall

to ensure straight alignment. If your wall has a corner, begin at the corner and work out from there.

### step 3 backfill base course



Replace and compact native soil behind and in front of the base course, level with the grade in front of the wall.

### step 4 install successive courses



Stack one course at a time, setting units 3/4" back from the front of the wall. Overlap adjacent lower-course units by at least 4 inches to enhance structural stability, and keep all vertical face joints tight. Insert two pins in the front holes of units so they fall into the rear slots of the units beneath and tap them down with a pin and mallet.

### step 5 install drainage aggregate and backfill



Place and compact drainage aggregate 12" behind each course as it is completed, to a level of 12 inches below the top of the wall. Backfill and compact soil in any remaining open area behind the drain aggregate. If required, install perforated drain pipe at base of drainage aggregate.

### step 6 install caps and finish wall



Complete your wall by placing VERSA-LOK cap units on the top course, alternating A and B caps. Install caps with a slight overhang (recommended), set back or flush with the wall face. Secure cap units to the wall with VERSA-LOK Concrete Adhesive. Backfill the caps with topsoil after they are secured, complete your final grading and landscaping, and your VERSA-LOK wall is complete.



**THE ORIGINAL**  
*solid, pinned retaining wall systems*

