



VERSA-LOK
MOSAIC
-Blaine, MN

VERSA-LOK® MOSAIC® RETAINING WALL SYSTEM INSTALLATION

The following information should provide a general understanding of VERSA-LOK Mosaic retaining wall system construction. But remember, retaining wall designs vary with each project depending on site, soil and load conditions. For more detailed instructions, visit www.versa-lok.com and download our Mosaic Design & Installation Guide.



STEP 1 - PREPARING THE LEVELING PAD

Place and compact a six inches thick and 24-inch-wide leveling pad of well-compacted crushed stone. The first course of units should be embedded below grade at least 1/10 the exposed wall height. Add a thin layer of sand to create a uniform, level pad.



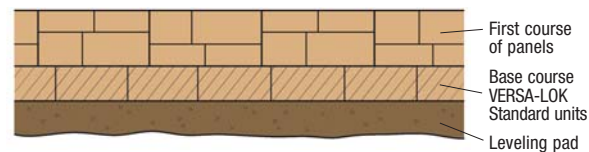
STEP 2 - INSTALLING THE BASE COURSE

Install only VERSA-LOK Standard units for the base course. Check alignment of units and level each unit front to back, side to side, with adjacent units. Leveling and proper alignment are critical at this point, so take your time! After the base course has been positioned, place and compact soil backfill behind and in front of units.



STEP 3 - INSTALLING THE FIRST COURSE OF PANELS

On top of the base course, lay the first ten inch-high course of panels. Install one 24-inch-wide panel at a time. Set each unit 3/4-inch back from units below. Insert two VERSA-TUFF® Snap-Off Pins through the middle pin holes of each unit into the middle slots of units below. When pinning through Accent® units, snap off the top portion of the pins. Install adjacent panels by alternating the placement of the Accent units from the top to the bottom of the panels. Place and compact 12 inches of drainage aggregate behind units.



STEP 4 - INSTALLING

ADDITIONAL COURSES OF PANELS

Start the next ten inch-high course by staggering the panels at least four inches from the vertical joints between the panels below. Pin units as described previously. Stack no more than two courses of panels (20 inches) before backfilling.



STEP 5 - INSTALLING CAPS

Finish off Mosaic® walls by placing VERSA-LOK® Cap units along the top of the wall. Install caps with a slight overhang (recommended), set back or flush with the wall face. Use VERSA-LOK Concrete Adhesive to secure cap units to wall.

VERSA-LOK MOSAIC QUANTITY ESTIMATING TABLE

Exposed Wall Height	Wall Length	Exposed Wall Height											
		10ft	12ft	14ft	16ft	18ft	20ft	22ft	24ft	26ft	28ft	30ft	
10 inches	Standard	5	6	7	8	9	10	11	12	13	14	15	
	Cobble	5	6	7	8	9	10	11	12	13	14	15	
	Accent	10	12	14	16	18	20	22	24	26	28	30	
20 inches	Standard	10	12	14	16	18	20	22	24	26	28	30	
	Cobble	10	12	14	16	18	20	22	24	26	28	30	
	Accent	20	24	28	32	36	40	44	48	52	56	60	
30 inches	Standard	15	18	21	24	27	30	33	36	39	42	45	
	Cobble	15	18	21	24	27	30	33	36	39	42	45	
	Accent	30	36	42	48	54	60	66	72	78	84	90	
40 inches	Standard	20	24	28	32	36	40	44	48	52	56	60	
	Cobble	20	24	28	32	36	40	44	48	52	56	60	
	Accent	40	48	56	64	72	80	88	96	104	112	120	

NOTE: Minimum radius to the front face is eight feet for outside curves and six feet for inside curves. The maximum stable, unreinforced height of Mosaic walls is four feet and may be lower depending on site conditions. Taller walls require geosynthetic reinforcement and should be designed by a licensed Civil Engineer (P.E.).

VERSA-LOK® Retaining Wall Systems

Solid Solutions.™

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www.versa-lok.com

Made worldwide under license from VERSA-LOK® Retaining Wall Systems.
U.S. Patent 6,488,448, U.S. Patent D319,885, U.S. Patent D321,060,
U.S. Patent D341,215, U.S. Patent D346,667, U.S. Patent D378,702,
U.S. Patent D391,376, U.S. Patent D430,680, D435,302, D439,678 and
other U.S. patents pending; Canadian Industrial Design
Registration No. 63929, No. 71472, No. 73910, No. 73911,
No. 73912, No. 77816, No. 79058, and No. 82288. I.C.B.O. No. 4625

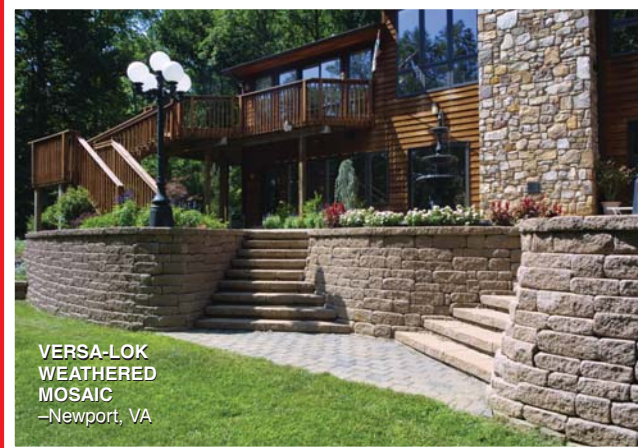
VERSA-LOK® Mosaic® Retaining Wall Systems



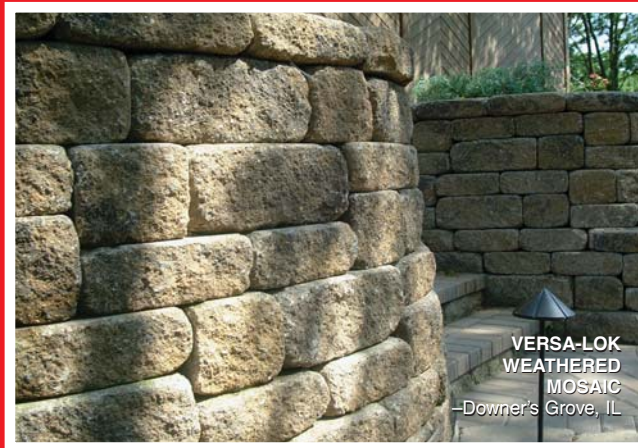
VERSA-LOK®
Retaining Wall Systems
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—Blaine, MN



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WEATHERED
MOSAIC
—Newport, VA



VERSA-LOK
WEATHERED
MOSAIC
—Downer's Grove, IL

HISTORY IN THE MAKING



Recreate the intimate setting of a quaint European countryside right in your own backyard using VERSA-LOK® Mosaic® Retaining Wall Systems. Marvel at the age-old craftsmanship each and every random-patterned Mosaic wall exudes. And hearken back to an era when walls were built stone by stone.

Three unique VERSA-LOK units—one Standard, one Cobble® and two Accent®—combine to form a Mosaic wall that's redolent of another age. Its rugged durability is unmatched anywhere, from urban cityscapes to rural provinces. And you can forget about upkeep because Mosaic walls are virtually maintenance free.

Dream up and design an endless array of curves, corners and steps using the Mosaic system.

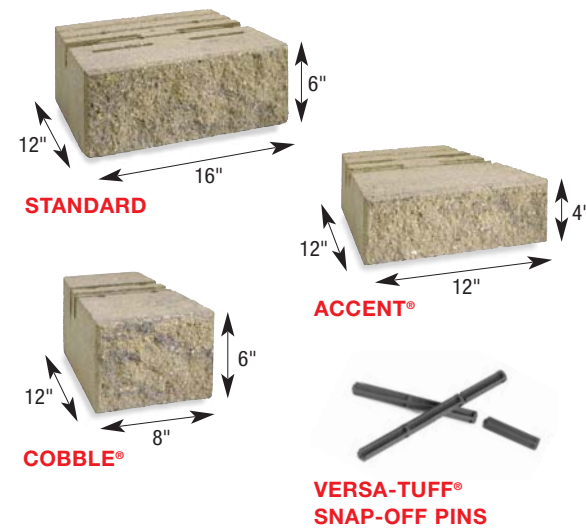
Doing-it-yourself? Mosaic walls are among the easiest random-patterned wall systems to install.

Looking for an additional timeworn touch? Mosaic systems are now available in a new Weathered™ appearance for an even more rustic complexion (check with your local dealer for availability).

SOLID, PINNED TECHNOLOGY

VERSA-LOK Retaining Wall Systems are the only solid, pinned systems on the market. Solid systems are more durable and long-lasting than their hollow-cored counterparts. But that's only half the story. High-strength, fiberglass VERSA-TUFF® Snap-Off Pins ensure accurate alignment and provide structural integrity for all VERSA-LOK walls.

VERSA-LOK® MOSAIC® SPECIFICATIONS



VERSA-LOK MOSAIC PANEL CONFIGURATIONS

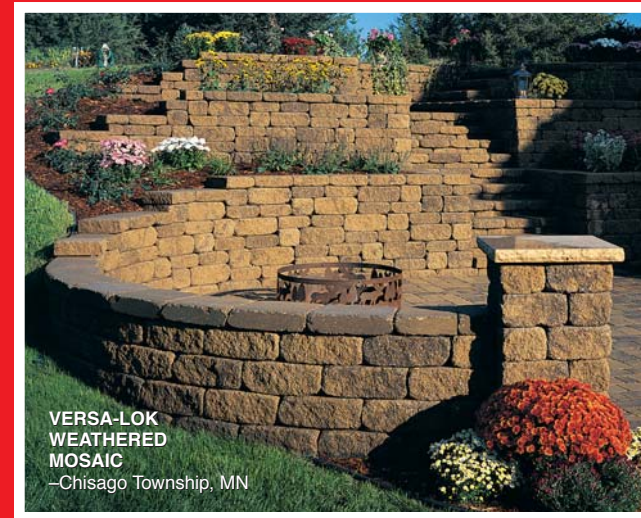
Mosaic retaining wall systems are built with three distinct VERSA-LOK units: Standard, Accent and Cobble. These units are configured in 10" x 24" panels in four variations, as shown below.



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