



## RETAINING WALL

# VERSA-LOK® MOSAIC®

The VERSA-LOK® Mosaic Retaining Wall System represents the ultimate combination of aesthetics and performance in segmental retaining walls. The Mosaic system utilizes units of varying heights and widths to achieve a random-like pattern that closely resembles natural stone walls. Mosaic retaining walls consist of three units: Standard, Accent & Cobble.



VERSA-LOK Standard



VERSA-LOK Accent



VERSA-LOK Cobble



C-Cap



Versa-Tuff Snap Off Pins  
2 required per unit

## DIMENSIONS

Available Finishes: Standard and Weathered Finishes

Product	Height	Width	Depth	Weight lbs.	Sq. Face Ft./ Cube	Units/Cube	Weight/Cube lbs.	Part # Standard	Part # Weathered
<b>Standard (Branchville)</b>	6"	16"	12"	82	30	48	3,950	VST	VST_T
<b>Standard (Montgomery)</b>						45	3,703		
<b>Accent</b>	4"	12"	12"	37	32	96	3,550	VAC	VAC_T
<b>Cobble</b>	6"	8"	12"	38	30	90	3,420	VCO	VCO_T
<b>C-Cap (Branchville)</b>	3 5/8"	16"	12"	57	19.2	48	2,740	VCC	VCC_T
<b>C-Cap (Montgomery)</b>	3 5/8"	16"	12"	57	18	45	2,569	VCC	VCC_T
<b>Snap Off Pins</b>	6.8" Long • 0.48" Diameter • Glass-reinforced nylon								

## PRODUCT DETAILS

- The Mosaic system provides design flexibility, durability, and ease of installation. Mosaic Walls are quickly and economically assembled without mortar and do not require concrete footings. VERSA-LOK's unique hole-to-slot pinning system interlocks units and aids in alignment.
- One Standard, one Cobble, and two Accent units are arranged in ten inch high by 24 inch wide panels. There are four different panel configurations that can be arranged in any order to form a random appearance
- All VERSA-LOK retaining wall units are made to ASTM C1372 standard specifications of segmental retaining wall units.

## AVAILABLE COLORS



03  
Antique Grey



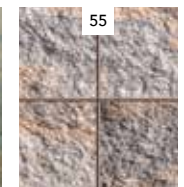
46  
Bedford Brown



36  
Butternut



47  
Hickory



55  
North Creek

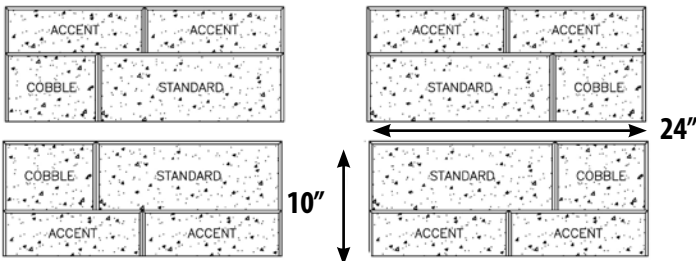


05  
Red Flash  
*(Special Order Only)*



09  
Brown Flash  
*(Special Order Only)*

## VERSA-LOK® MOSAIC® PANEL



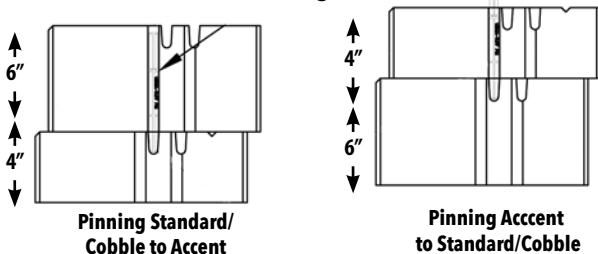
## VERSA®-TUFF SNAP OFF PINS

VERSA-LOK Mosaic units interlock with non-corrosive VERSA-TUFF Snap-Off Pins (two per unit and eight per panel). The pins are inserted through front holes in the upper units into the units below. Slots allow variation in location of vertical joints (variable bond). VERSA-TUFF Snap-Off Pins are designed to accommodate varied heights of Mosaic units. The full length of VERSATUFF Pins is used when pinning through six inch high Standard and Cobble units. When pinning through four inch high Accent units, the two inches of the VERSA-TUFF Pin remaining above the unit is easily snapped off.



<b>Length:</b>	6.8 inches	172.7 mm
<b>Diameter:</b>	.48 inches	12.2 mm
<b>Material:</b>	Glass-Reinforced Nylon	

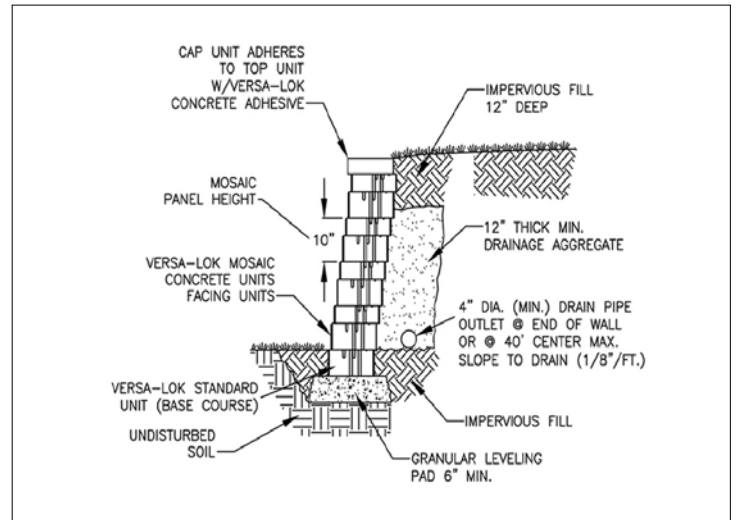
### Pinning Detail



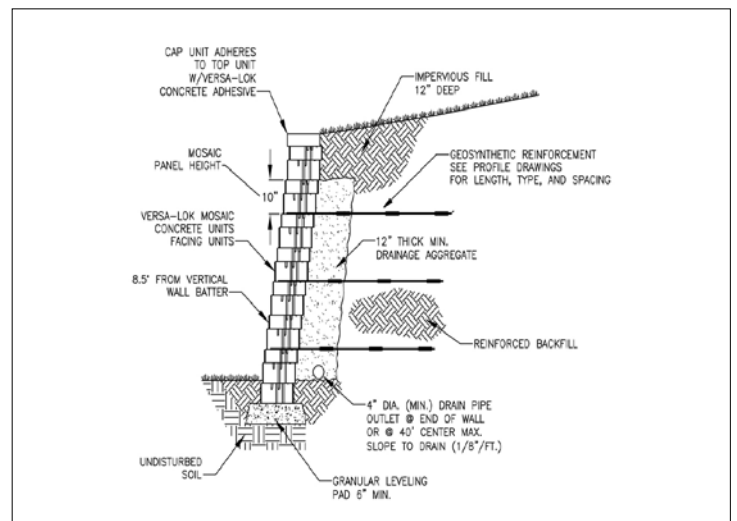
## MOSAIC PINNING

On many projects, Mosaic retaining walls work purely as gravity systems, where unit weight, frictional forces between units, pins and the cant of the wall combine to provide resistance to earth pressures. With level backfill and no excessive loading, most Mosaic Walls are stable to four feet in height. When unit weight and frictional forces are not enough to resist soil loads, horizontal layers of geosynthetics are used to reinforce soil behind walls. With proper design and soil reinforcement, Mosaic walls can be constructed to heights exceeding 40 feet. Each Mosaic unit is set back 3/4-inch from the units beneath it. There are two units stacked in each ten-inch-high panel--a total setback of 1.5 inches per panel. This results in a cant of approx. 8.5 degrees from vertical.

### Unreinforced Wall



### Reinforced Wall



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