



Introduction & Unit Specifications

VERSA-LOK® STANDARD UNITS

Standard units are made from high-strength, low-absorption concrete on concrete block machines. The Standard units' solid characteristics make them resistant to damage before, during and after construction in all climates, including shoreline applications.

All VERSA-LOK® Retaining Wall Units are made to ASTM C1372- Standard Specifications of Segmental Retaining Wall Units.

Height:	6 inches	152.4 mm
Width (face):	16 inches	406.4 mm
Width (rear):	14 inches	355.5 mm
Depth:	12 inches	304.8 mm
Face Area:	2/3 Sq. Ft.	0.062 m ²
Volume:	.63 ft ³	0.018m ³
Weight:	82 lbs.	37.19 kg
Wgt/Face Area:	123 lbs./sq. ft.	599.84 kg/m ²



VERSA-LOK® Standard Unit

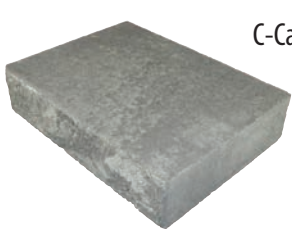
VERSA®-Tuff Pins

Length:	6.8 inches	172.7 mm
Diameter:	.48 inches	12.2 mm
Material:	Glass-Reinforced Nylon	

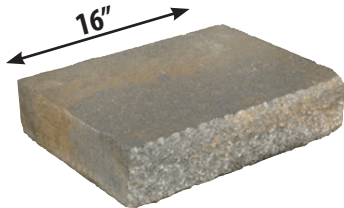


VERSA-LOK® Corner & Cap Units

Product	Size	Weight/lbs. Per Piece	Sq. Face Ft/ Per Cube	Units Per Cube	Weight/ lbs Per Cube	Linear Feet/ Cube	Plant location
C-Cap Units	3 5/8" x 16" x 12"	57	19.2	48	2,740	64 LF	Branchville, NJ
C-Cap Units	16"	57	18	45	2,569	60 LF	Montgomery, NY



C-Cap Standard



C-Cap Weathered

**CST Pavers • 23 Ridge Road • Branchville, NJ 07826
973-948-7193 • Sales Fax # 973-948-2771**

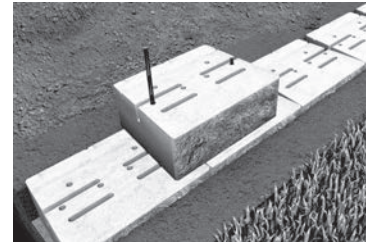
**CST Pavers • 43 Leonards Dr • Montgomery, NY 12549
845-9457-4491 • Sales Fax # 845-457-9136**



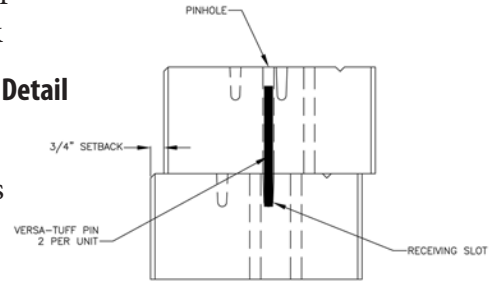
VERSA-LOK® Standard System Overview

Pinning

VERSA-LOK® Standard Units have a unique hole-to-slot pinning system for easy installation and superior structural integrity. VERSA-LOK® Standard units interlock with non-corrosive VERSA-TUFF® Pins (two per unit). As wall courses are installed, pins are inserted through holes in uppermost course units and are received in slots of adjacent lower course units. Pinning helps to align units in a consistent 3/4 -inch setback per course.

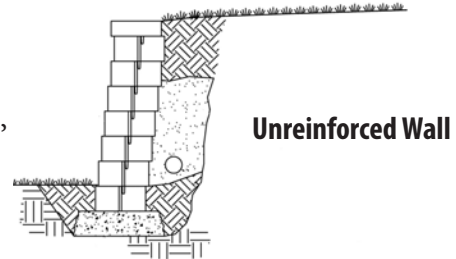


Pinning Detail



Unreinforced Walls

On many projects, VERSA-LOK® Standard retaining walls work purely as gravity systems--unit weight alone provides resistance to earth pressures. Frictional forces between units and pin connections hold units together so walls behave as coherent structures. Batter setback of wall faces offers additional resistance against overturning. Maximum allowable wall height for gravity walls varies with soil and loading conditions. Generally, with level backfill, good soils, and no excessive loading, VERSA-LOK® Standard gravity walls are stable to heights of four feet.



Reinforced Walls

When weight of units alone is not enough to resist soil loads, horizontal layers of geosynthetics are used to reinforce soil behind walls. With proper soil reinforcement and design, VERSA-LOK® Standard walls can be constructed to heights in excess of 40 feet. Geosynthetics do not act as tie-backs for wall faces. Rather, geosynthetics and soil combine to create reinforced soil structures that are strong and massive enough to resist forces exerted on them. In soil-reinforced walls, Standard units simply retain soil between layers of geosynthetics and provide attractive durable faces.

