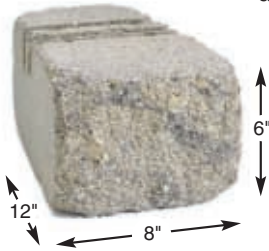


**VERSA-LOK<sup>®</sup>**

# **Weathered Series** **Cobble<sup>™</sup>** Retaining Wall System

VERSA-LOK's Weathered<sup>™</sup> Series retaining wall systems represent the ultimate combination of aesthetics and performance.



Cobble units are lightweight (38 lbs.) and feature a unique pinning system that permits construction of setback and near-vertical walls.

Unlike other retaining wall products, these units undergo a special "weathering" process to create a rustic old-world appearance that closely resembles natural stone. Behind the beauty, VERSA-LOK incorporates a unique hole-to-slot pin interlock system and more than a decade of experience

into systems unmatched in installation simplicity and structural integrity.

The Cobble<sup>™</sup> Retaining Wall System is

different from other products because it provides two setback options. Users may install Cobble with a 3/4-inch setback between courses or build near-vertical walls. Like all VERSA-LOK products, units are easily assembled without mortar, require no concrete footings, and are environmentally safe.



Matching concrete caps provide the finishing touch to the Cobble Retaining Wall System.



VERSA-LOK Cobble is lightweight and convenient to install. In addition, its 12-inch depth gives it significant retaining wall capabilities – equivalent to units with more than twice its weight. Cobble’s solid concrete characteristics also make it extremely durable and resistant to damage before, during, and after construction. Cobble walls provide a lifetime of virtually maintenance-free performance.

**IMPORTANT** Maximum height for an unreinforced Cobble retaining wall constructed using a 3/4-inch setback is four feet. Maximum height for an unreinforced Cobble wall built with a near-vertical setback is two feet. Individual site, soil, and loading conditions (including terraces) may limit unreinforced wall heights to less than those stated. Taller walls require soil reinforcement and engineering assistance. Please contact your local VERSA-LOK representative if unsure about any site, soil, height, or local construction requirements.

The following information is provided to give you a general understanding of retaining wall construction. If you are building a VERSA-LOK Cobble retaining wall yourself, please request *Cobble Design and Installation Guidelines* available free from your supplier or by calling (800) 770-4525.



Cobble is great for many landscaping projects including retaining walls and planting areas.



**Step 1 – Leveling Pad Preparation**

Cobble walls should be placed on a leveling pad of well-compacted crushed stone, gravel, or coarse sand approximately 6 inches thick and 24 inches wide. The first course of units should be embedded below grade approximately 1/10th of exposed wall height.

Excavate to lines and grades you’ve established for your wall, allowing for the leveling pad and unit embedment. Place and compact leveling pad material. You may add a thin layer of sand to create a uniform, level pad.



**Step 2 – Install Base Course**

Place Cobble units on prepared 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! Align straight wall sections using a string line or by sighting down the slots in unit tops.



**Step 3 – Backfill**

Using native soil, backfill and compact behind and in front of the base course to a level even with the grade in front of the wall. Next, place and compact 12 inches of drainage aggregate behind the units.



**Step 4 – Install Next Courses**

Stack units one course at a time. If installing with a 3/4-inch setback, insert two pins through the *front* holes in the upper units so they fall into the *front* slots of the units beneath.

If installing with a near-vertical setback, pin through the *rear* holes in the upper units into the *rear* slots of the lower units. Place and compact drainage aggregate behind each course as it is completed.



**Step 5 – Install Caps**

After completing the top course, install VERSA-LOK caps, either 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 Cobble Quantity Estimation Table						
Exposed Wall Height / Length	10 feet	12 feet	14 feet	16 feet	18 feet	20 feet
6 inches (1 course)	15	18	21	24	27	30
12 inches (2 courses)	30	36	42	48	54	60
18 inches (3 courses)	45	54	63	72	81	90
24 inches (4 courses)	60	72	84	96	108	120
30 inches (5 courses)	75	90	105	120	135	150
36 inches (6 courses)	90	108	126	144	162	180
42 inches (7 courses)	105	126	147	168	189	210
48 inches (8 courses)	120	144	168	192	216	240

[www.bendindustries.com](http://www.bendindustries.com)



Premium Retaining Walls for governmental, commercial, and residential applications.

Made worldwide under license from VERSA-LOK Retaining Wall Systems. 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, 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.