SQUARE FOOT Retaining Walls
SQUARE FOOT. SQUARE DEAL.

When you need to retain a lot of ground economically, VERSA-LOK Square Foot can meet your project’s design specs and budget and build a great-looking retaining wall for your client. Each 87-pound unit covers a full square foot of wall space affordably and attractively, making VERSA-LOK Square Foot a smart choice for large public works, institutional and commercial projects. Square Foot’s unique hybrid design combines the versatility of VERSA-LOK’s top-pinning technology with cost-effective hollow-core unit construction.

BUILT TO LAST

Square Foot units are engineered to provide the construction flexibility you need in a large retaining wall project. Its unique trapezoidal design enables inside and outside curves with one of the tightest radiiuses in the industry (4’ 6”). And VERSA-LOK’s top-pinning system ensures quick, accurate alignment, variable-bond construction and tighter vertical joints.

Square Foot retaining walls can be built with a traditional 1-inch setback or near-vertical, and will accommodate geogrid reinforcement to build walls to any height. With no mortar or concrete footings, Square Foot walls remain flexible in climates that experience freeze-thaw cycles. And Square Foot’s thick face affords better durability than other cored systems.

Finish off your Square Foot wall with matching VERSA-LOK cap units.
ECONOMY OF SCALE

With a full square foot of wall coverage per unit, you’ll save on installation time with Square Foot. That will make your bottom line look better—and on a large project, that can make the difference necessary to win a bid. From large commercial developments to transportation and Corps of Engineers projects, Square Foot can help you land the big projects when it counts.

Retain your competitive edge with VERSA-LOK Square Foot.

SQUARE FOOT SPECIFICATIONS

Height: .......................................................... 8''
Width (face): .............................................. 18''
Depth: .......................................................... 12''
Face area: ..................................................... 1 sq. ft.
Weight (without aggregate fill): ............. 87 lbs.
Minimum outside radius: ..................... 4' 6''
Setback: .................................................. 1'' (7 degrees)
          or 1/4'' (1.8 degrees)
EASY TO INSTALL

VERSA-LOK Square Foot walls are built on a 6-inch-thick crushed-rock leveling pad; no concrete footings are required. Unit cores are filled with crushed rock in the base course and free-draining angular gravel in all other courses. Each course is connected using VERSA-TUFF nylon/fiberglass pins; no mortar is used. For complete installation details, please consult the VERSA-LOK Square Foot Design & Installation Guidelines, available from your VERSA-LOK representative or at www.versa-lok.com.

IMPORTANT NOTICE

The maximum stable unreinforced VERSA-LOK Square Foot wall is 3 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 for assistance.