

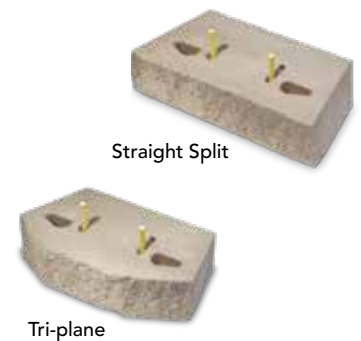


STRUCTURAL WALL | KEYSTONE® MINI UNIT

Available in Select Markets

MINI UNIT

The Keystone Mini unit is a great solution for smaller, non-critical applications. It is easy to handle and easy to install. Keystone Mini units create attractive walls by themselves or as an accent when integrated with the 8" (200 mm) high Keystone Standard or Keystone Compac units.



Unit Dimensions:

4" h x 18" w x 12" d (102mm x 457mm x 305 mm)

Unit Weights:

Tri-plane: 45 lbs (20 kg)

Straight Split: 48 lbs (22 kg)

Units/sq.ft.: 0.5

Pin Specifications:

½" x 5¼" Fiberglass Alignment Pins
(13 x 133mm)



FEATURES & BENEFITS

Perfect for:

- Small to medium retaining walls
- Terrace walls
- Patio edging
- Tree rings
- Flower bed borders

Ease of Installation

- Unit shape allows for tight radius curves and vertical core alignment
- Triangular shaped pin receiving hole allows for installer-friendly construction adjustments
- Near vertical or battered setback construction options

Aesthetics

- Variety of colors complement any landscape
- Natural stone texture appearance
- Capping options available

Note: Unit color, dimensions, weight & availability varies by manufacturer.

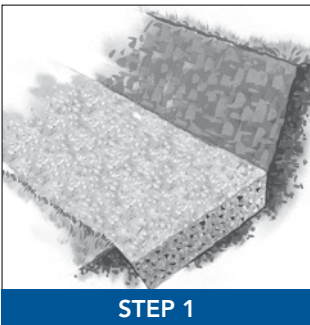


Keystone® Mini & Keystone Compac® Combined

STRUCTURAL WALL | KEYSTONE® MINI UNIT

KEYSTONE
MINI UNIT

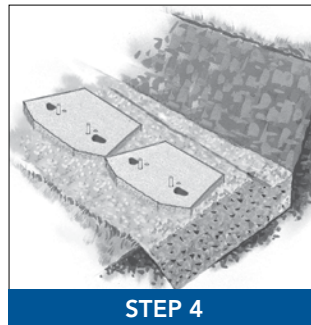
INSTALLATION INSTRUCTIONS



STEP 1

Prepare the Base Leveling Pad.

Excavate the base trench to the designed width and depth. Start the leveling pad at the lowest elevation along the wall alignment. Level the prepared base with well-compacted granular fill (gravel, road base, or 1/2" to 3/4" [10 - 20mm] crushed stone). Compact to 95% Standard Proctor or greater. Do not use PEA GRAVEL or SAND for leveling pad.



STEP 4

Install Fill & Compaction.

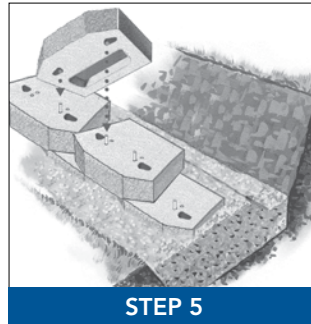
Provide 1/2" - 3/4" (10 - 20mm) clean crushed stone drainage fill behind the units to a minimum distance behind the tail of one foot (300mm). Fill all open spaces between units and open cavities/cores with the same drainage material. Proceed to place backfill in maximum 4" (102mm) layers and compact to 95% Standard Proctor with the appropriate compaction equipment.



STEP 2

Install the Base Course.

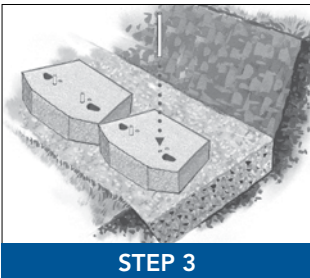
Place the first course of Keystone units end to end (with face of wall corners touching) on the prepared base. The receiving pin holes should face upward, as shown. Make sure each unit is level. Leveling the first course is critical for accurate and acceptable results. Keystone recommends minimum embedment depth for below grade placement of Keystone units on a ratio of 1" (25mm) below grade for each 8" (200mm) of wall height above grade or one unit, whichever is greater.



STEP 5

Install Additional Courses.

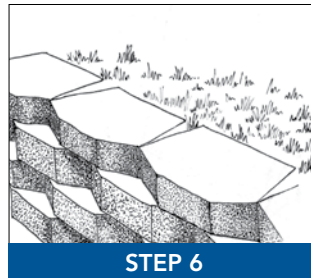
Place the next course of Keystone units over the fiberglass pins, fitting the units over the fiberglass pins, fitting the pins into the triangular shaped receiving hole in the units above. Push the units toward the face of the wall until they make full contact with the pins. Continue backfilling and building to desired top elevation.



STEP 3

Insert the Fiberglass Pins.

Place the straight fiberglass pins into the holes of each Keystone unit as required. Once placed, the pins create an automatic setback for the additional courses. Place pins in the front holes for near vertical (1/8" or [3mm] setback) and the rear holes for 1 1/8" (29mm) setback per course.



STEP 6

Capping the Wall.

Complete your wall with the appropriate Keystone capping units. With units dry and clean, use exterior construction grade adhesive on the top surface of the last course before applying cap units. Backfill and compact to finish grade.