KEYSTONE
COMPAC® II

A specifier's favorite, Keystone Compac features unrivaled aesthetic options, cost saving versatility and proven wall performance. Installer's prefer the Compac's lighter weight and shorter tail design which make it easy to handle. Trusted by architects, engineers and contractors around the world, the Keystone Compac unit utilizes the proven Keystone pin connection system.

Straight Split

Unit Dimensions:
8"h x 18"w x 12"d (203mm x 457mm x 305 mm)

Unit Weights:
84 - 89 lbs (38 - 40 kg)

Units/sq.ft.: 1

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

FEATURES & BENEFITS

Maximum Versatility and Performance

- Allows for various positive connections with reinforcement to build engineered walls in excess of 60 feet (18.2m) tall.
- Increases vertical drainage through face units.
- Higher unit-to-unit shear resistance.
- Open cores allow for gravel interlock across block interfaces.

Ease of Installation

- Unit shape allows for tight radius curves and vertical core alignment.
- Shorter tail design makes for easier handling in the field.
- Triangular shaped pin receiving hole allows for installer-friendly construction adjustments.
- Near vertical or battered setback construction options.
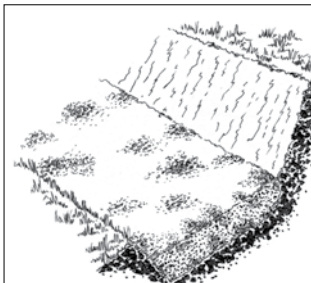
Aesthetics

- Variety of colors complement any landscape.
- Natural stone texture appearance.
- Capping and corner units available

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

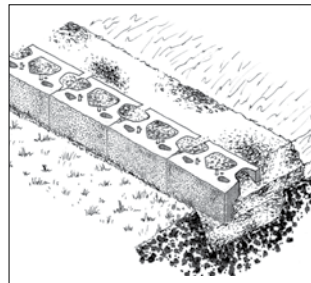# KEYSTONE
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INSTALLATION INSTRUCTIONS
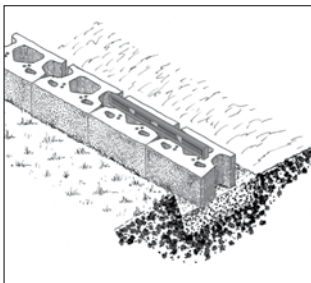

STEP 1

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. Step up in 8" (200mm) increments with the base as required at elevation change in the foundation. Level the prepared base with maximum lifts of 6" (150mm) of well-compacted granular fill (gravel, road base, or ½" to ¾" [10 - 20mm] crushed stone). Compact to 95% Standard Proctor or greater. Do not use PEA GRAVEL or SAND for leveling pad.

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 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 (⅛" or [3mm]) setback and the rear holes for 1⅛" (29mm) setback per course.

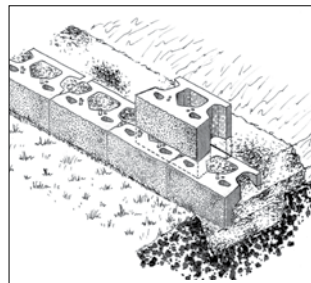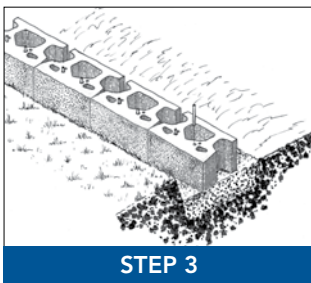
STEP 4

Install Fill & Compaction.
Provide ½"-¾" (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 6-8" (150 - 200mm) layers and compact to 95% Standard Proctor with the appropriate compaction equipment.

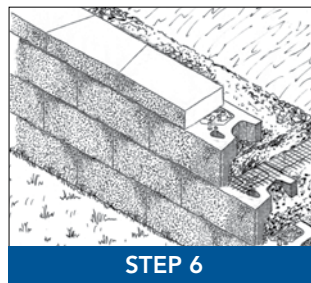**STEP 5**

Install Additional Courses.
Place the next course of Keystone 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 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.

Note: If drain tile is required for your project, consult an engineer or visit www.keystonewalls.com/resources for more information.

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