

# KEYSTONE® COMPAC III STRAIGHT SPLIT



The Compac III's shape allows for tight radius curves and vertical core alignment. This wall can do it all with near vertical or battered setback construction options. With triangular shaped receiving holes construction adjustments are simplified. Natural stone appearance and rich colors complement any setting.

## Wall Systems



- Natural stone texture
- Increases vertical drainage through face units
- Various positive connections with reinforcement to build engineered walls in excess of 60 feet (18.2m) tall
- Triangular shaped pins for installer-friendly adjustments



# KEYSTONE® COMPAC III STRAIGHT SPLIT



8" x 18" x 12"



1/2" x 5 1/4"

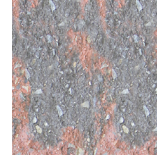
Available colors:



Charcoal/Buff



Charcoal/Grey



Charcoal/Red



Beige/Brown

## COMPAC III STRAIGHT SPLIT

Size	PCS (Per SF)	SF (Per Pallet)	PCS (Per Pallet)	LBS (Per Pallet)
8" x 18" x 12"	1	32	96	2,432

## FIBERGLASS ALIGNMENT PINS

Size	PCS
1/2" x 5 1/4"	100

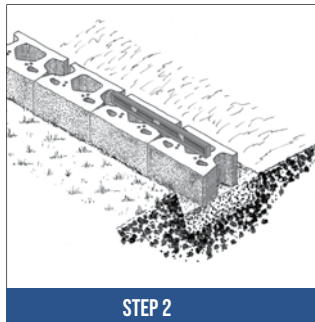
## INSTALLATION INSTRUCTIONS



STEP 1

### PREPARE THE BASE LEVELING PAD

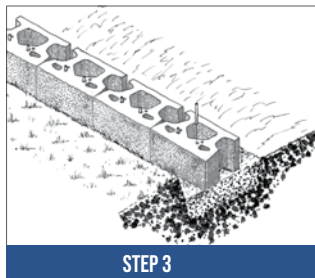
Excavate the base trench to the designed width and depth. Start the leveling pad at the lowest elevation along the wall alignment. Step up in 8" (200mm) increments with the base as required at elevation change in the foundation. Level the prepared base with maximum lifts of 6" (150mm) of well-compacted granular fill (gravel, road base, or 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 2

### INSTALL THE BASE COURSE

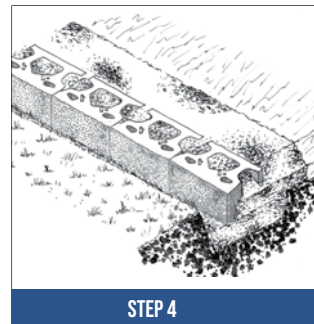
Place the first course of Keystone units end to end (with face of wall corners touching) on the prepared base. The receiving pin holes should face upward, as shown. Make sure each unit is level. Leveling the first course is critical for accurate and acceptable results. Keystone recommends minimum embedment 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

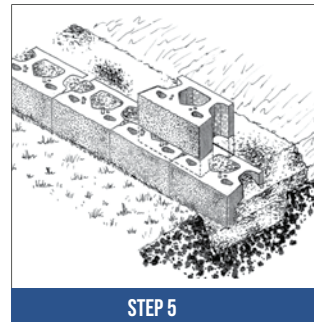
Place the straight fiberglass pins into the holes of each Keystone unit as required. Once placed, the pins create an automatic setback for the additional courses. Place pins in the front holes for near vertical (1/8" or [3mm]) setback and the rear holes for 1 1/8" (29mm) setback per course.



STEP 4

### INSTALL FILL & COMPACTION

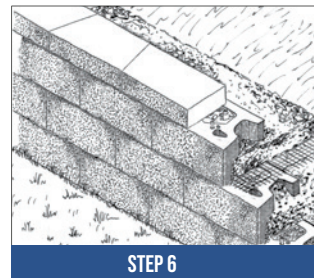
Provide 1/2" - 3/4" (10 - 20mm) clean crushed stone drainage fill behind the units to a minimum distance behind the tail of one foot (300mm). Fill all open spaces between units and open cavities/cores with the same drainage material. Proceed to place backfill in maximum 6-8" (150 - 200mm) layers and 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](http://www.keystonewalls.com/resources) for more information.

