



*Retaining Excellence*

# CLASSIC STRAIGHT SPLIT



KEYSTONE Classic Straight Split is an attractive option for the face texture on any of the Keystone family of products. This distinctive cut stone appearance will enhance any landscape project and work as a compliment to the architectural components on the site. As either a gravity wall or reinforced structure, the Classic Straight Split products provide structurally sound, aesthetically appealing and economically beneficial solutions to your site retaining wall needs. Like all Keystone products, the Classic Straight Split units are made of high-strength, low absorption concrete for long lasting results. All structural units are interconnected using high strength fiberglass pins for strong shear connection, ease of alignment and positive mechanical connection with soil reinforcement materials.

# STRAIGHT SPLIT PRODUCT FAMILY



## STANDARD

Unit Dimensions*	8" h x 18" w x 21-1/2" d (200mm x 455mm x 545mm)
Face Area	1 square foot
Unit Weight*	110 lbs (50 kg)



## COMPAC

Unit Dimensions*	8" h x 18" w x 12" d (200mm x 455mm x 305mm)
Face Area	1 square foot
Unit Weight*	95 lbs (43 kg)



## MINI / CAP

Unit Dimensions*	4" h x 18" w x 10-1/2" d (100mm x 455mm x 265mm)
Face Area	1/2 square foot
Unit Weight*	50 lbs (23 kg)

\* Unit size, weight, color and availability may vary by region. Consult your local Keystone Representative.

Keystone's patented pin system features high strength, pultruded fiberglass pins that provide a shear connector, geogrid proof positive holder, and alignment device all in one piece. Keystone's patented pin system ensures a positive mechanical connection between structural wall units and geogrids. The pins are the critical difference where Keystone provides the safety and security of a structural retaining wall solution!



### Size (all units types)

- ▶ 1/2" x 5 1/4" (13 x 133mm)

### Tensile Strength

- ▶ 110,000 psi (758 kPa)

### Flexural Strength

- ▶ 128,000 psi (822 kPa)

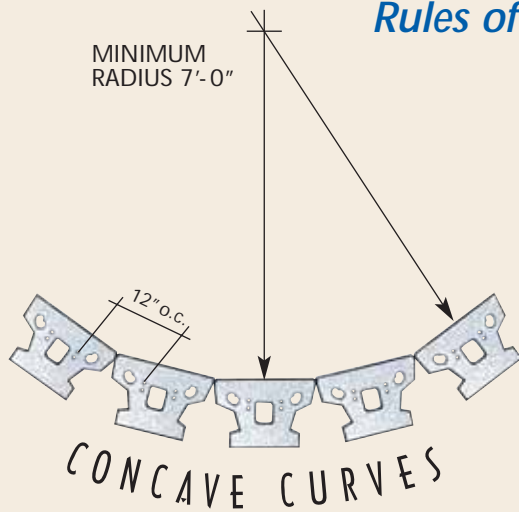
### Short Beam Shear Strength

- ▶ 6,400 psi (44 kPa)

# DESIGN CRITERIA

The Classic Straight Split face option fits naturally into the Keystone system of structural integrity and ease of installation. Construction follows the same simple steps as the full line of Keystone products. Refer to installation guides in the "Design and Construction Manual" or consult your local Keystone Representative.

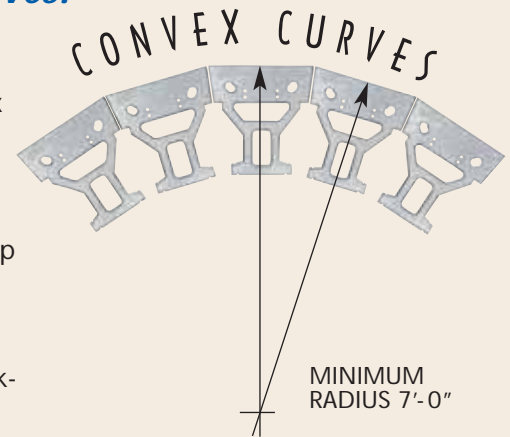
## Rules of Thumb for Building Curves!



Use near vertical setback position on entire wall if convex curves are to be built in wall structure.

Field adjust units as required (clip corners) to position pins 12" O.C. from two adjoining units. Use the near vertical setback option for entire wall when working with concave curves in the wall structure.

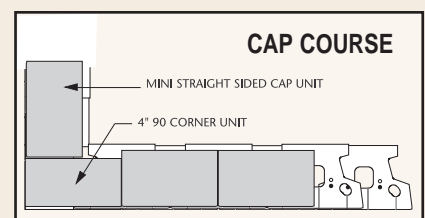
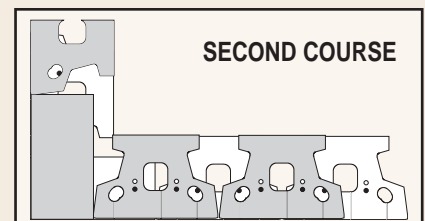
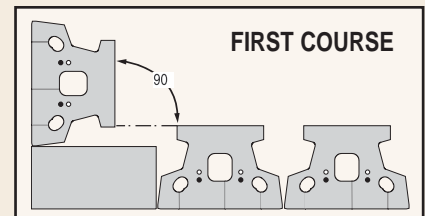
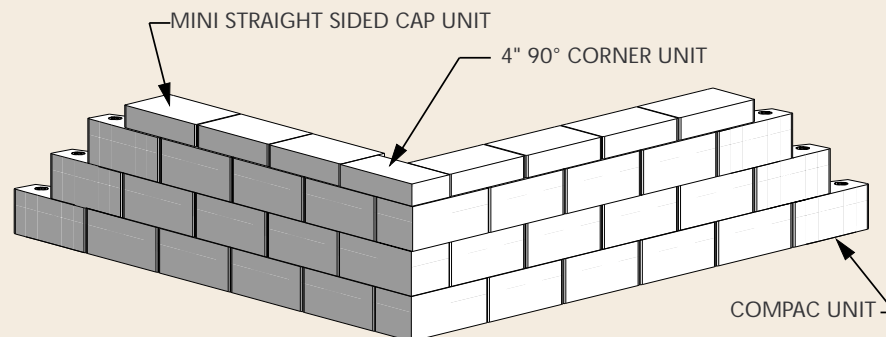
•Note applies to all unit types



When comparing the Straight Split option to the regular three plane split Keystone, the difference in the side angle from 15° to 7.5° recognizes the need to build wide radius curves when working with the straight split products for the maximum aesthetic appeal. Tight radii have a more severe appearance due to the unit corners projecting beyond units below.



When working with 90° corners, the Classic Straight Split is a natural! The 90° Corner unit\* or units cut to create a 90° corner piece provide stunning results when building structures with both inside and outside corners - the wall has a true classic cut stone appearance.



► Check availability with local Keystone representative.





## STRAIGHT SPLIT FEATURES

- ▶ Wall appearance of straight cut stone. 4" mini unit has ledge stone appearance.
- ▶ Coordinates with brick scale on adjoining masonry buildings and site structures.
- ▶ Attractive and functional in 90° corners.
- ▶ Softer texture, less shadow pattern.
- ▶ Precise appearance, straight lines and vertical edges.
- ▶ Ties into vertical building structures.
- ▶ Clean connection to horizontal finishes (i.e. sidewalks, pavement)



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