

• Residential • Commercial • Governmental • D.O.T.

KEYSTONE® STANDARD I



Classic Keystone, Natural Appeal

KEYSTONE[®] STANDARD I

Tri-plane



Approximately 118 lbs

8" h x 18" w x 21" d

Straightface



Approximately 124 lbs

8" h x 18" w x 21" d

Corner



8" 90° Corner Unit*

8" h x 18" w x 9" d
104 lbs

Cap Units

Universal Cap

4" h x 18" w x 12" d
70 lbs



Beveled Face/Straight Sided Cap

4" h x 18" w x 10 1/2" d
64 lbs



Keystone Standard units are made of high-strength, low absorption concrete for long lasting structures. All structural units are interconnected using high strength fiberglass pins for strong shear connection. The connecting pins allow for ease of unit alignment and a secure positive mechanical connection with soil reinforcement materials. Keystone's patented pin system is the critical difference providing the safety and security of a structural retaining wall solution.

Standard Specifications

COMPRESSIVE STRENGTH:	Minimum 3000 psi
ABSORPTION:	8%
REFERENCE STANDARDS:	ASTM C-1372

Fiberglass Pin Specifications

FLEXURAL STRENGTH:	Minimum 128,000 psi
SHORT BEAM SHEAR STRENGTH:	Minimum 6400 psi
REFERENCE STANDARDS:	ASTM D-4476, ASTM D-4475



Keystone Fiberglass Pins

*Note: Unit colors, dimensions, weight, and availability varies by manufacturer.



Keystone Standard unit provides proven performance with many benefits that will assist in the design and construction process. The height to depth ratio of the unit delivers a structurally sound, engineered wall system with superior construction stability, durability and strength.

From backyard landscaping to large, load-bearing reinforced structures, Keystone Standard products are ideally suited for any application.



KEY FEATURES

High Strength Pin Connection System

- High strength pins ensure each unit is securely interlocked.

Structural Integrity

- Large units increase overturning resistance by minimum of 50%.
- Pins and unit depth provides superior unit-to-unit and unit-to-geogrid strength.
 - ~ Minimizes face movement and alignment problems.
- Innovative unit design increases vertical spacing between reinforcing layer for more efficient distribution.
- Open cores provide vertical drainage through face units and allow for gravel interlock across block interfaces.

Ease of Installation

- Tapered sides offer ease in constructing convex curves as tight as 5 feet.
- Unit shape's "tail element" makes handling easier.

Aesthetics

- Sculptured (tri-planar) or straight face options.
- Additional texture and shape options available in selected markets.

Design Versatility

- Near vertical or battered setback options available.
- Cores allow handrail or fence posts to be incorporated into the wall.





FOR MORE THAN 25 YEARS, Keystone Retaining Wall Systems LLC has set the worldwide standard for excellence and innovation within the segmental retaining wall industry. With cutting-edge design, performance and aesthetics, Keystone has always been a product of the passion and focus of the industry's top network of professionals. Together with premier manufacturers, product developers, engineers and sales professionals, we proudly ensure that Keystone products and services offer the best site solutions for governmental, commercial/industrial, recreational, public works and residential applications.

Distributed By:



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We reserve the right to improve our products and make changes in the specifications and design without notice. The information contained herein has been compiled by KEYSTONE and to the best of our knowledge, accurately represents the KEYSTONE product use in the applications which are illustrated. Final determination of the suitability for the use contemplated and its manner of use are the sole responsibility of the user.



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