



# GRAVITY STONE

**SO SIMPLE, IT'S ADVANCED.**

## The 1-2-6 System

- One Product
- Two Systems
- Six Structural Solutions

- Components suitable for Modular gravity and MSE construction at any wall height
- Up to 50% reduction in geogrid - in both layers and length
- Minimizes scope and volume of soil excavation resulting in a significant reduction in labor and equipment hours
- Self-draining in-fill permits all weather construction
- Industry-leading design and construction flexibility



### ■ ONE ANSWER

It's true! The GravityStone® Earth Retention System is the industry leader in structural design flexibility for segmental retaining wall products. One product, incorporating two designs - Modular and MSE - provides designers, developers and contractors six design solutions for the complete maximization of a building site's capabilities.

### ■ TWO SYSTEMS

**Modular:** The GravityStone Modular "Stack N' Fill" system is comprised of Face, Trunk and Anchor units. The components easily connect with a patented Gridlock System to form a strong crib-wall assembly that is filled with free-draining gravel. Modular's small footprint typically requires 30% less excavation and wall depth than MSE systems. As the height increases, the length of Modular's Trunk/Anchor cells decreases, forming a pyramid shape that permits building structures to be located closer to the wall face along property lines.

**MSE:** On sites best served by SRWs combined with geogrid, GravityStone MSE offers a choice of three block depths with increasing levels of connection strength, to maximize the performance of geogrid walls. For walls up to intermediate heights, Fat Face Core, with its large, vertically aligned cores, is the best choice. For applications with heavy surcharges, or wall heights above 30 feet, the longer depth of GravityStone Mini-cell and Single-cell configurations provides the footprint needed to achieve maximum vertical spacing of high strength geogrids.

### ■ SIX SOLUTIONS

- 1:** GravityStone MSE incorporates a standard Fat Face Core unit to build tall, strong structural walls with geogrid.
- 2:** GravityStone Modular Face-Trunk-Anchor is ideal for a crib wall structure that does not require geogrid.
- 3:** A Hybrid design is created by integrating GravityStone Modular with MSE to obtain the best features of both. The Fat Face Core unit matches Modular Face unit in size, color and texture to allow a seamless transition from Modular to MSE construction as the wall height increases.
- 4:** Modular, MSE and Hybrid combinations can be built vertically.
- 5:** Slide Stop - If your site has poor soils, but you need a wall with a narrow footprint, GravityStone Slide Stop is the solution that keys the base to the subgrade to counteract limiting factors of low strength soil.
- 6:** Double-sided, free-standing walls or parapets are easily assembled from GravityStone Modular components. A double-sided, Modular crib structure filled with flowable, high-strength concrete saves as much as 40% over cast in-place walls!



**WESTBLOCK SYSTEMS**

*An Engineered Earth Retainage Product*



**FAT FACE® CORE**

**Depth:** 12"  
**Unreinforced:** Use for walls up to 4' tall.  
**Reinforced:** Use for walls up to and beyond 30' tall.



**MINI-CELL**

**Depth:** 20"  
**Unreinforced:** Use for walls up to 6' tall.  
**Reinforced:** Use with high strength geogrid for tall wall and high load applications.



**MODULAR**

**Depths:** Unlimited  
**Single Cell:** (Shown above) Use for walls up to 8' tall without geogrid.  
**Multi-cells:** Use for walls up to and beyond 20' tall.



**DOUBLE SIDED**

**Depth:** 21" and 32"  
**Wind Resistance:** 95 mph  
**Wall Height Maximum:** 8'

**Standard Applications**

**MSE with Core**



**Modular**

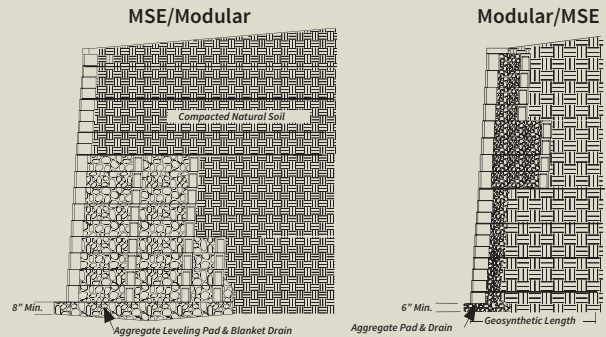


**Free-Standing, Double-Sided Crib Walls**



**Special Applications**

**Vertical Hybrid Walls**



**Lateral Hybrid Walls**



**Slide Stop**



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**Meets ASTM C 1372:**  
**Standard Specification for**  
**Segmental Retaining Wall Units**

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