



# GravityStone® EVO

Evolutionary Design. Unyielding Strength

*An Engineered Earth Retention Product*

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

## A True 1-2-6 Advantage

- One product
- Two systems
- Six Structural Solutions

### ■ IMPROVING SRW SOLUTIONS:

- **19%** lighter than competing SRWs
- Seamlessly switch between MSE and Modular reinforcement systems, all with one unit.

### ■ BELOW GRADE:

- Fills: Geogrid Reinforced (MSE)
- Cuts: Modular System
- Poor Soils: Slide Stop
- Sustainable Sites: Green Walls

### ■ ABOVE GRADE:

- Barriers/Parapets
- Columns
- Planters

### ■ AESTHETICS:

- Optional Textures and Geometry

### ■ ALIGNMENT:

- Reversible Alignment Plug (RAP) allows for 4.5 and 0 batter walls



Simply stated:  
GravityStone® EVO is lighter, smarter, and more  
flexible than any SRW on the market.  
The result? Less digging. Faster installs.  
No grid. No kidding!



WESTBLOCK SYSTEMS

*GravityStone® is a licensed and trademarked product of  
WestBlock Systems, and is protected under  
U.S. and international patents.*



**EVO**  
10 1/8" x 8" x 18"



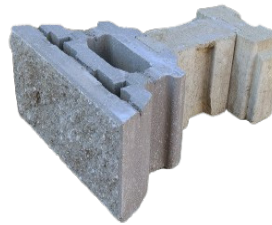
**Trunk**  
24" x 8" x 4"



**Anchor Junction**  
12" x 8" x 6"



**Evo**  
10 1/8" Deep



**Mini Cell:**  
24" Deep



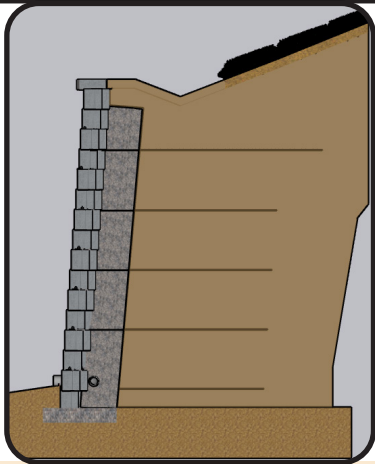
**Single Cell:**  
36" Deep  
+26" each additional cell

## Two Systems

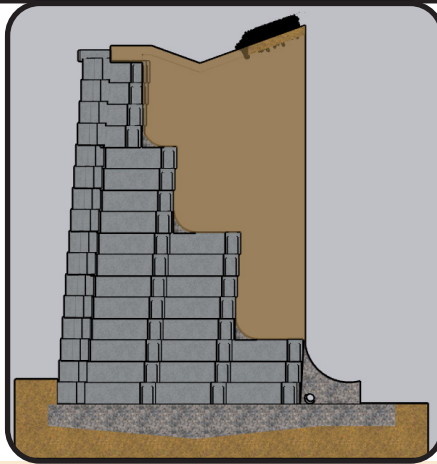
**MSE:** "Fill" sites typically are best served by Core combined with Geogrid reinforcement (MSE).

**Modular:** Assemble the components and place the aggregate, it's that easy. Modular's narrow footprint typically requires 30% less depth than MSE, allowing a fit on tight sites, minimizing excavation, and allowing for all weather construction.

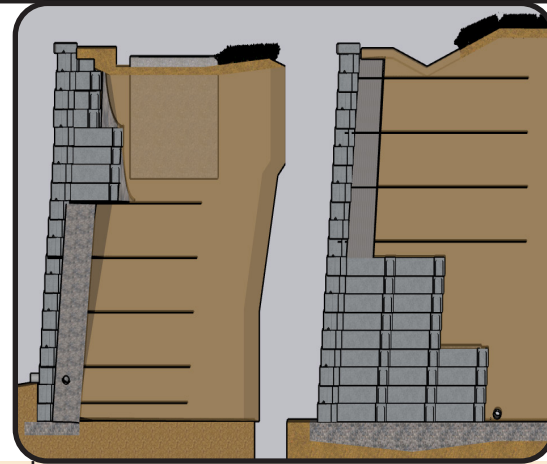
## GravityStone Vs. Other Systems



**GravityStone® EVO**  
With Geogrid (MSE) reinforcement  
for use in "Fills"



**GravityStone® EVO Modular**  
Components assembled into "Cells,"  
form narrow walls ideal for "Cuts"



**Hybrid Walls**  
Combine the two systems above  
or below and side to side

## See It in Action

### GravityStone Evo MSE

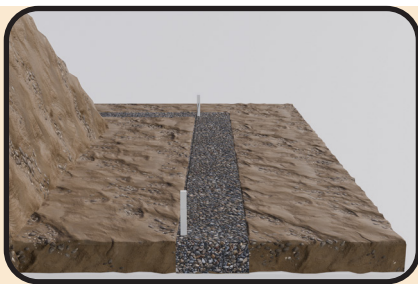


### GravityStone Evo Modular





# MSE Installation



## Leveling Pad

Prepare a foundation by excavating and filling with a minimum of 6" of crushed stone, ensure it is level and compacted.



## Laying The First Course

Begin the first course by starting at the lowest elevation. After placing a string line, position each Face block along the line, level side to side and front to back, using a rubber mallet to seat the block.



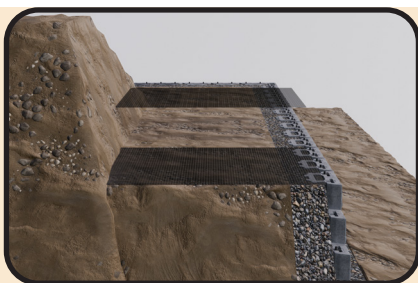
## Placing Plugs

After completing each course, place a Reversible Alignment Plug (RAP) into each of the two plug cores cast into the top of each Block. placing the Plug in the forward position will create a vertical wall, reversing the Plug will create a 1/12 [4.5 degree] batter.



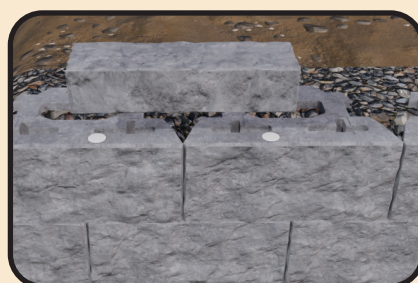
## Backfill/Compaction

After reaching a maximum of three courses, backfill the GravityStone units with the specified aggregate, filling the core of the face units and an additional 12" behind. Compact the soil with a vibratory compactor to the proper density. Sweep debris from the top of the blocks before starting the next block course.



## Placing Geogrid

Following the engineer's design, place the Geogrid at the proper course and to the specified length. Make sure that the Geotextile is in full contact with the soil



## Capping The Wall

Once the body of the wall is complete, permanently affix a Cap Block to the Face Block using an approved concrete adhesive parallel to the wall face on both sides of the plug holes. Place the Cap Block onto the adhesive, making sure of its proper position.

# Modular Installation



## Leveling Pad

Prepare a foundation by excavating and filling with a minimum of 6" of crushed stone, ensure it is level and compacted.



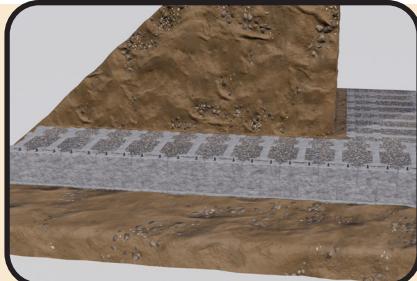
## Laying the First Course

Begin the first course by starting at the lowest elevation. After placing a string line, position each Face block along the line, level side to side and front to back, using a rubber mallet to seat the block. Use a 2 foot level to offset the anchor, set a string line and repeat.



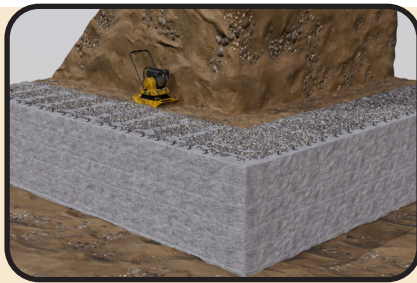
## Place Trunks

Once the Anchor Junctions and faces are in position, simply slide the trunk blocks into the gridlock of the face and anchor junctions.



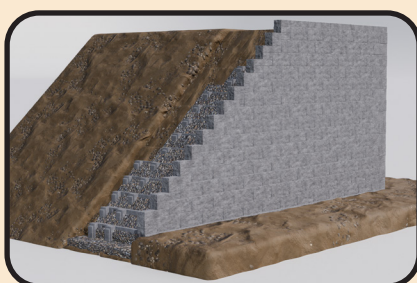
## Plugs and Stacking

After completing each course place a Reversible Alignment Plug (RAP) into the two cores in the face block. Placed in the forward position creates a 0° batter, while reversing the plug will create a 4.5° batter. Continue stacking Faces, Anchor/Junctions, and Trunks until reaching a maximum of three courses.



## Backfill and Compaction

After reaching a maximum of three courses, backfill the GravityStone units with the specified aggregate. Clean the tops of the Faces, and Anchor Junctions and then continue stacking. Once the cells have been filled with aggregate, fill in the remaining cavity behind the cellular assemblies with retained soils and compact.



## Additional Courses and Capping

Continue stacking the wall to the appropriate depth and height, backfill and compact with the specified aggregate. and backfill. Permanently affix a solid cap to the Face Block using an approved concrete adhesive. Place 1/4' bead of adhesive along the top of the Face block. Place the Cap Block onto the adhesive, making sure of its proper position.