



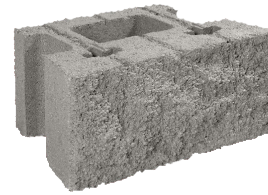
# GRAVITY STONE®

## SO SIMPLE, IT'S ADVANCED

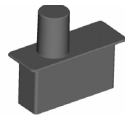
*An Engineered Earth Retention Product*

- Ideal For Grade Change Large Or Small
- Durable Performance
- Less Equipment And Labor Than PMB's
- Optional Textures And Geometry
- Reversible Alignment Plug For Batter Flexibility
- Easy Installation

**Core**



**Reversible Alignment Plug**



Dimensions: 12" x 8" x 18"  
Weight: ~75 lbs\*  
Face Area: 1 sq. ft/unit

Forward Position: 0° Batter  
Reverse Position: 4.5° Batter

GravityStone® is an earth retention system that provides solutions to a variety of site needs and project requirements. The system creates graceful and durable retaining walls, that can be built serpentine or straight, single height or tiered, with concave, convex or traditional 90-degree corners.

When used in conjunction with geosynthetic reinforcement, GravityStone® creates durable, soil reinforced walls. As a system, geosynthetic provides the function of Mechanically Stabilizing the Embankment (MSE).

GravityStone® is an economical and easy to use product that provides flexible wall batter alignment through the use of the Reversible Alignment Plug (RAP), which can be adjusted from vertical to 4.5° batters.

From rustic to contemporary, GravityStone® can be manufactured with a variety of face treatments, including different textures, geometries, and colors.

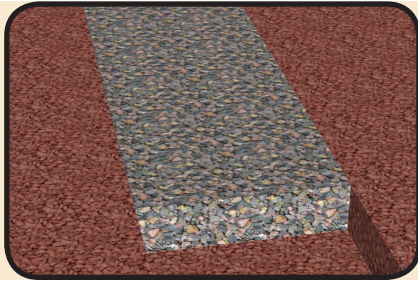


Manufactured and Distributed by:



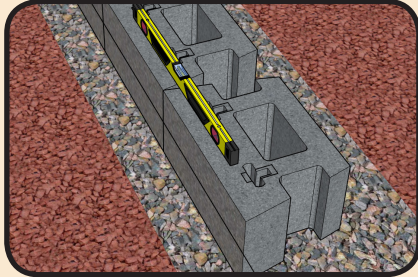
# Installation

# Applied Applications



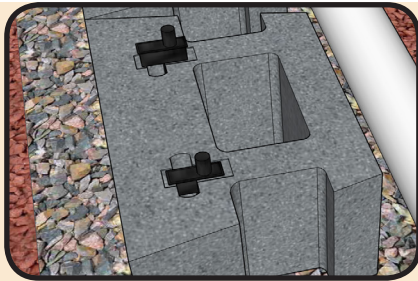
## Leveling Pad

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



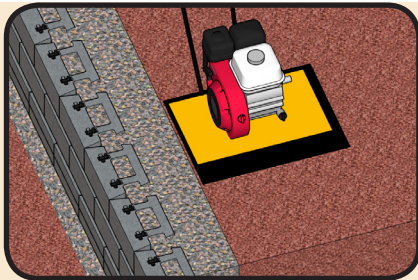
## Laying The First Course

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.



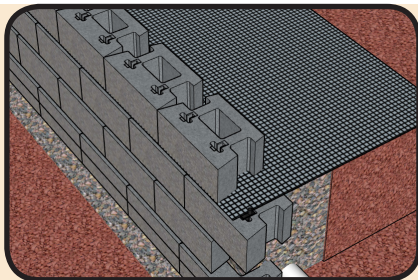
## Placing Plugs

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.



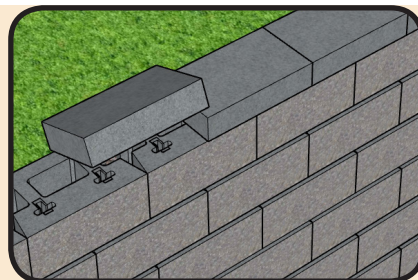
## Backfill/Compaction

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.



## Landscape



## Roadways



## Residential



## Civil Sites

