



WESTBLOCK SYSTEMS

GRAVITYSTONE

So Simple. So Advanced.



GRAVITYSTONE® EnCore Details

1. Concrete Alignment Nub
2. Alignments Core
3. Optional Face Shapes & Textures*

ENCORE



ENCORE



CORNER



CAP



The GravityStone® Wall System

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. GravityStone® EnCore is an economical and easy to use product that provides precise wall batter, alignment, and shear resistance through the use of a high strength Concrete Alignment Nub (CAN). When used in conjunction with geosynthetic reinforcement, GravityStone® EnCore creates durable, soil reinforced walls. As a system, geosynthetic provides the function of Mechanically Stabilizing the Embankment (MSE), whereby EnCore provides an attractive facing and erosion control that firmly connects to the geosynthetic reinforcement. Manufactured in a controlled factory setting, the quality of each GravityStone® unit is closely monitored, assuring precision and consistency of all wall units. Experience the flexibility of GravityStone® Retaining Wall Systems and the economy of ease of GravityStone® EnCore.

GravityStone® EnCore Specifications

GRAVITYSTONE® EnCore 8

Approximate Dimensions	11.0" x 8" x 18"
Approximate Weight	70 pounds
Approximate Face Area	1.0 sq. ft/unit
Batter	6.2 degrees
Texture	Split or Abraded
Geometry	Straight, Radius, Ashlar*

* See manufacturer for details

GRAVITYSTONE® EnCore 6

Approximate Dimensions	11.0" x 6" x 18"
Approximate Weight	53 pounds
Approximate Face Area	.75 sq. ft/unit
Batter	8.3 degrees
Texture	Split or Abraded
Geometry	Straight, Radius, Ashlar*

* See manufacturer for details

GRAVITYSTONE® CAP

Approximate Dimensions	12" x 4" x 18"
Approximate Weight	60 pounds
Texture	Straight or radius
Geometry	Straight, Radius, Ashlar*

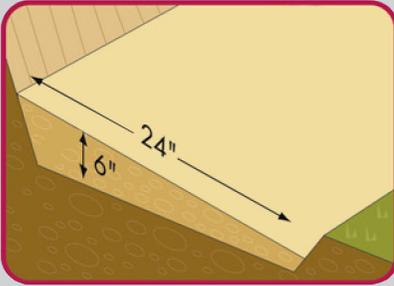
* See manufacturer for details

PRODUCT PERFORMANCE (ASTM C 1372)

Min. Compressive Strength	3,000 P.S.I.
Max. Water Absorption	13-15 lb/ft3
Dimensional Tolerance	(+/-) 1/8"
Color and size may vary	Verify with manufacturer

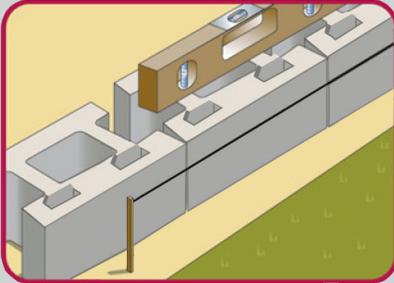
- No Pins
- Easy Installation
- Durable Performance
- Flexible Design & Construction
- Variety of Face Textures & Colors

INSTALLATION*



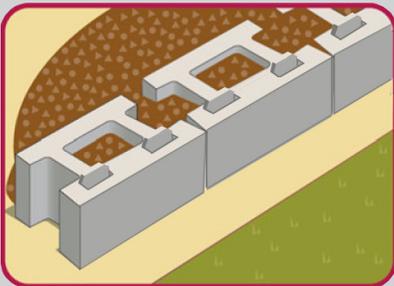
EXCAVATION

Establish a compacted aggregate leveling pad along the length of the wall foundation. Loosely place one inch of sand over the leveling pad.



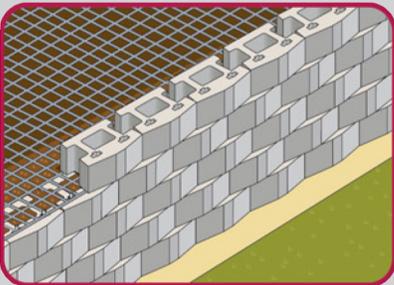
PLACEMENT OF FIRST COURSE BLOCKS

Place each GravityStone® EnCore unit, side by side, onto the leveling sand. Level the units front to back and side to side. Place gravel fill within, between, and to a minimum of 12" behind the units.



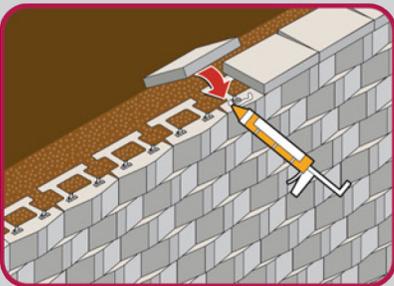
BACKFILL FIRST COURSE

Place backfill behind unit fill, compact backfill to proper density. Stack units in a running bond — one block straddling two — assuring oval shaped cores are placed over, and engaged to, Concrete Alignment Nubs.



PLACE GEOSYNTHETIC REINFORCEMENT

Following the engineered wall design, place geosynthetic reinforcement where instructed. Within the reinforced courses, place the geosynthetic over filled block units and compacted backfill. Assure reinforcement is properly orientated. Straighten the block units.



CAPPING WALL

Stack to desired height. On the final course clean the top of the block units by removing the Nubs and sweeping away debris. Adhere caps to the block units with a concrete adhesive.

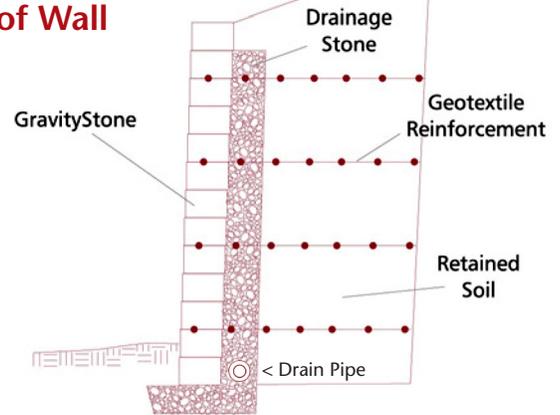
*See Design Manual for complete design and installation guidelines and specifications.

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Cross Section of Wall



A VARIETY OF APPLICATIONS



 WESTBLOCK SYSTEMS

Manufactured or Distributed By:

