

## WHAT IS LEED?

The LEED™ (Leadership in Energy and Environmental Design) Green Building Rating System is a voluntary, consensus-based program for developing high-performance, sustainable buildings. These LEED standards have been developed by the U.S. Green Building Council ([www.usgbc.org](http://www.usgbc.org)). Based on well-founded scientific standards, LEED emphasizes state-of-the-art strategies for sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality. Using MagnumStone™ in a building project may help one achieve LEED Credits.

Credit Code	Name and Description	Points
SS Credit 5.2	Maximize Open Space: <i>Provide a high ratio of open space to development footprint to promote biodiversity.</i>	1
SS Credit 6.1	Stormwater Design, Rate and Quantity Control: <i>Limit distribution of natural water flows by managing stormwater runoff.</i>	1
SS Credit 6.2	Stormwater Design, Treatment: <i>Implement a stormwater management plan that reduces impervious cover, promotes on-site filtration and eliminates contaminants.</i>	1
SS Credit 7.1	Heat Island Effect, Non-Roof: <i>Reduce heat islands.</i>	1
SS Credit 5.1	Site Development: <i>Protect or Restore Habitat</i>	1
MR Credit 2.1	Construction Waste Management: <i>Divert 50% from Disposal.</i>	1
MR Credit 2.2	Construction Waste Management: <i>Divert 75% from Disposal.</i>	1
MR Credit 3.1	Materials Reuse: <i>5% of Materials Reused.</i>	1
MR Credit 3.2	Materials Reuse: <i>10% of Materials Reused.</i>	1
MR Credit 4.1	Recycled Content: <i>10% (Post-Consumer + 1/2 Pre-Consumer)</i>	1
MR Credit 4.2	Recycled Content: <i>20% (Post-Consumer + 1/2 Pre-Consumer)</i>	1
MR Credit 5.1	Regional Materials: <i>10% Extracted, Processed, and Manufactured Regionally.</i>	1
MR Credit 5.2	Regional Materials: <i>20% Extracted, Processed, and Manufactured Regionally.</i>	1

SS = Sustainable Sites    MR = Materials & Resources

*Sourced from: LEED For New Construction Rating System v 2.2, October 2005*

## MAGNUMSTONE™ MARKETING MATERIALS

If you require more information on MagnumStone™ please visit our website at [cornerstonewallsolutions.com](http://cornerstonewallsolutions.com).



CornerStone® Website



Installation Guide



Sustainability Brochure



General Brochure



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## THE ENVIRONMENTAL ADVANTAGE

MangumStone™ is a large wet-cast retaining wall system, cleverly engineered with a hollow core. Its hollow design uses nearly half the concrete of a solid system while maintaining all of its strength and durability. The environmental and economical advantages of the MangumStone™ system are unprecedented in our industry.

Raw materials use energy which can cause water pollution and air emission problems which are leading factors that make concrete unfriendly to our environment. We cannot avoid using concrete but we must find complementary variations and more earth friendly solutions in its uses.

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Engineered for strength...  
designed for beauty

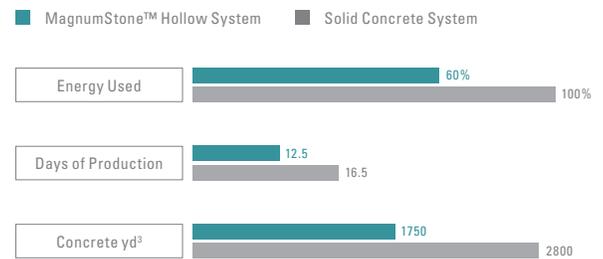


**MAGNUMSTONE™**



## > > > Production

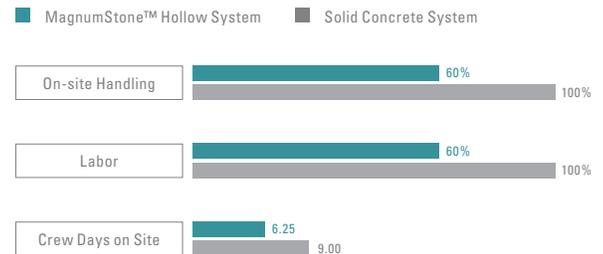
MagnumStone's hollow core allows production facilities to maximize their output and reduce their carbon footprint. Its unique hollow core design means less concrete to pour, making the units lighter for handling purposes and reducing the amount of cement required per block. Both of these factors translate into cost savings and a significant reduction in harmful greenhouse gas emissions (nearly 40%) when compared to solid concrete systems.



Graph is based on a 5000 square foot retaining wall project.

## > > > Installation

The MagnumStone™ 8 sq face ft is light enough to be moved on site in pairs of 16 sq ft with a standard bobcat. The large light weight hollow core MagnumStone™ units can be installed quickly, to create curves and turn corners, with smaller equipment and less labor. MagnumStone™ was designed for the end user by providing many options for solving nearly any contractor wall problem.



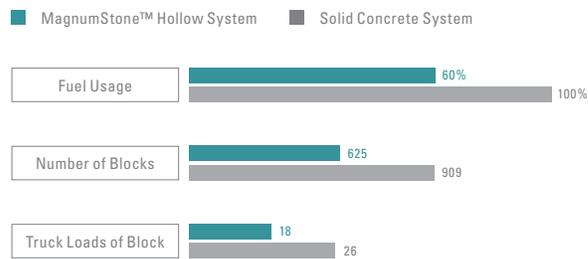
Graph is based on a 5000 square foot retaining wall project.



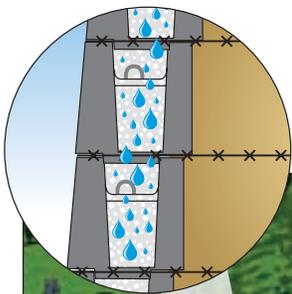


## >>> Transportation

MagnumStone's light weight design maximizes each truck load to the site, reducing the number of trucks on the road, and their carbon footprint. A typical 48,000 lb truck can transport nearly 300 sq ft of MagnumStone™ units, reducing the number of loads to ship to each job. Plus, each unit can be loaded and unloaded quickly and easily two at a time, reducing time and labor on the job site.



Graph is based on a 5000 square foot retaining wall project.

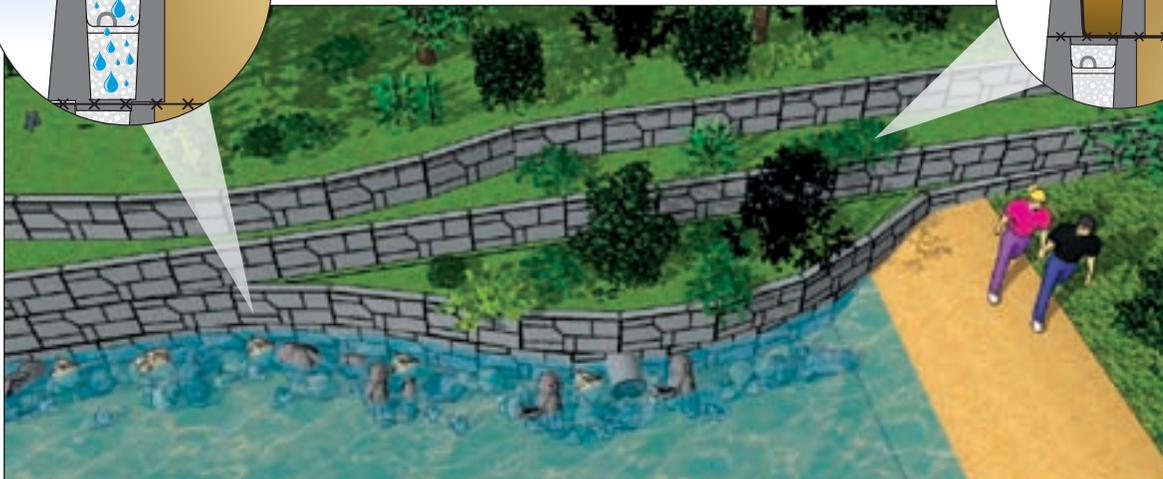
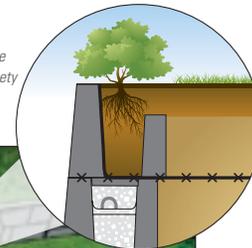


### Permeability

The ability for water to flow freely through MagnumStone's vertical and horizontal hollow cores.

### Plantable Terrace

MagnumStone's hollow cores provide the perfect planting pocket for a variety of plants and shrubs.



## >>> Design

The MagnumStone's large vertical and horizontal cores allow wall designers the flexibility of creating many solutions without environmentally costly side-effects. The aesthetically pleasing plantable terraces maximize green area, which reduce the "heat island" effect common among concrete surfaces. MagnumStone™ works in harmony with the environment. Its unique internal drainage system, and ease of incorporating both through wall, and top of wall details makes it the prime choice for environmentally friendly wall solutions.

All graphs and charts used in this brochure are estimations, and should be used only for comparisons.