MagnumStone®

MagnumStone® is a wet-cast, large block retaining wall system developed with both the engineer and contractor in mind. The 4,000 PSI concrete provides high strength, low absorption and great freeze/thaw durability. The lightweight 1,400 lb. block means that you can use smaller equipment and ship more square feet per truckload (typically 270-280 SF/load).

Filling the blocks with #57 stone adds additional weight and provides excellent drainage. The continuous horizontal channel allows for lateral movement, easier construction of radii, and provides superb connection when geogrid reinforcing is used. MagnumStone's SecureLugs fit into the hollow core of the units below, allowing significant lateral movement without losing the interlock.

The full-size units are 8 SF, and 4 SF half-high units are used to minimize square footage by providing 1-foot steps on the base course (reduces embedment and excavation) and top course (allows wall to follow contour of grade).

Great For Tight Spaces

MagnumStone is especially effective when used as a gravity wall system where space is limited behind the wall (cannot excavate for geogrid due to site constraints). Gravity walls can typically be built up to 5'- 6' tall depending upon soil conditions and loading. Optional 2' and 4' extenders can be attached to the backs of the blocks, and even connected to each other, to allow gravity walls to be built up to any height.

Installation Advantage

A MagnumStone crew can normally install up to 800-1,200 SF of wall units per day (depending upon crew size), making this one of the quickest and easiest wall systems to build. The flexibility and ease of installation due to its light weight and hollow core provides the end user with many options to solve nearly any wall situation.

YORK BUILDING PRODUCTS
A STEWART COMPANY

yorkbuilding.com

ES ICC EVALUATION SERVICE®

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION

MagnumStone units are MDOT and ICC Evaluation Service Approved.

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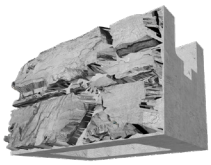
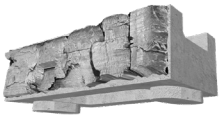
MagnumStone®


Base - Full Height

Standard - Full Height

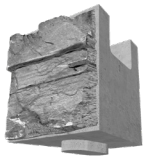
Top - Full Height

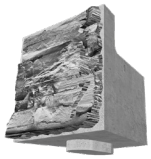
Base - Half High


Standard - Half High

Top - Half High

Base - Half Wide


Standard - Half Wide


Top - Half Wide

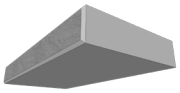
Base - Corner

Standard - Corner

Top - Corner

End Cap - Full Height

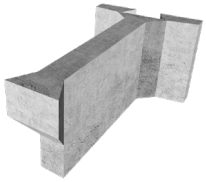
End Cap - Half High


Top Cap / Step

UNIT SPECIFICATIONS

UNIT	H (in)	W (in)	D (in)	APPROX. WGT.
Full-Size Base	24	48	24	1360
Full-Size Standard	24	48	24	1420
Full-Size Top	24	48	24	1270
Full-Size End Cap	24	26/28	8	340
Half-High Base	12	48	24	725
Half-High Standard	12	48	24	750
Half-HIgh Top	12	48	24	680
Half-High End Cap	12	27/28	8	340
Half-Wide Base	24	24	24	823
Half-Wide Standard	24	24	24	835
Half-Wide Top	24	24	24	760
Corner Base	24	47	23	1675
Corner Standard	24	47	23	1700
Corner Top	24	47	23	1500
Top Cap / Step	6	48	26	650
2-Ft Extender	24	N/A	24	625
4-Ft Extender	24	N/A	48	900

2-Ft. Extender


4-Ft. Extender

COLORED MagnumStone®

Natural MagnumStone Units, Color-Tinted In-Place

MagnumStone is produced in our “Natural” color. With new jobsite tinting technology, your project can be field-tinted (at additional cost) after construction for an even more natural stone appearance.

Optional Field-Tinted Colors

Natural

Ash

Canyon

Saddle

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