

## GeoStone Retaining Walls

GeoStone is a compact and light-weight retaining wall product from Flagstone Pavers, Inc. that is as strong as it is beautiful! Even though the GeoStone block unit is just 4" high, 18" wide, 12" deep and weighs only 36 pounds – it is fully structural and has been used in retaining wall applications as high as 23'. The wall pictured top right, is holding up a swimming pool and paver patio. The wall pictured right - 2nd from the top, is a tiered wall application supporting a parking area.

The power of a wall system is determined by a series of tests that measure the force it would take to separate the blocks from each other and from other components of the wall. GeoStone Walls achieve some of the highest "Pullout Strength" and "Connection Strength" test results in the industry. What makes GeoStone such a powerful wall system is its open core design. This unique design creates a system of interconnecting spaces in the wall. These spaces are filled with angular crushed stone to lock the blocks together. The friction resistance of this "Rock-Interlock Connection" is amongst the most powerful mechanical wall connection methods in the industry. A patented chemical bonding process called the Ultimate Positive Connection method can be used in extreme surcharge conditions where additional strength is needed.

Tight radius layouts, like the wall pictured right - 3rd from the top, can only be achieved using a flexible wall system. What makes GeoStone so flexible is the footprint design of the unit. The shape of the unit makes tight turning walls possible! GeoStone has another advantage over bigger wall block units offered by others. Walls made with larger sized products can look out-of-place in a residential or small commercial application, whereas a GeoStone Wall, like the one pictured bottom right, is perfectly sized!



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## Geostone Seawalls

Geostone is also the perfect retaining wall product for seawall applications, as shown in the photos to the left. Seawalls built of solid concrete trap water behind the wall. Water will always find a way out - usually by creating its own path under the footing of a concrete wall. Eventually the voids will be large enough to wash away the footing and compromise the integrity of the wall. GeoStone is a dry-stacked (mortar-less) system that utilizes rock in its cores and as a backfill. This method of connection allows water to flow through to the back of the wall and then back out the same way when the water draws down.

See our Retaining Wall & Wall Cap Color Guide for available Colors!



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