



Stone Strong Retaining Wall Products

When reliability and speed of installation are essential.

Stone Strong walls provide an engineered solution for gravity retaining walls that is attractive and structurally sound. The massive size and scale of this block make it ideal for commercial and municipal applications. Walls can reach heights of 12 to 15 feet without geogrid reinforcement (depending on site and soil conditions). With proper engineering, walls can reach heights of 40 feet.

Key features of Stone Strong engineered precast block:

- Large blocks interlock precisely and securely without any mechanical assistance. The stone infill in the hollow cavity of the blocks provides 100% efficient connection strength.
- Due to their size, *Stone Strong* blocks dramatically reduce labor costs. A small crew with a few pieces of equipment can do the job.
- No tieback eliminates costly over-excavation and any potential future conflict with utility easements.
- Tapered sides allow for straight and winding designs—even concave, convex and circular designs.

Stone Strong Systems has undergone rigorous review by the Highway Innovative Technology Evaluation Center (HITEC) to verify conformance with AASHTO standards and specifications. Stone Strong blocks are designed and tested to meet the NCMA test criteria for segmental retaining walls. They are produced with air entrained 4,000-PSI concrete, which protects the block through even the most strenuous freeze/thaw cycles.
Patent No. 6,796,098.



An internal drainage system is integrated into the wall through a void in the center of each Stone Strong block, no tubing to break or fail. The stone infill provides the drainage.



Realistic chiseled-stone look enhances the aesthetics of any project: Chiseled Granite or Split Limestone patterns. The stones can be stained to match any color to fit the surroundings.

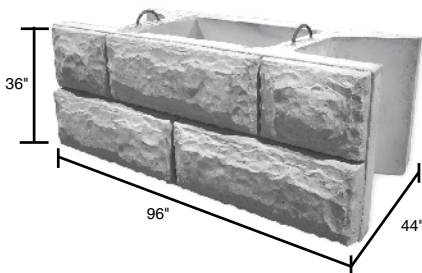


Stone Strong Retaining Wall Block

The following sizes are manufactured and stocked at Plaisted Companies Elk River property.

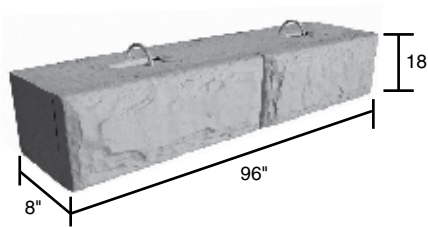
24 SF Block

5,600 lbs.



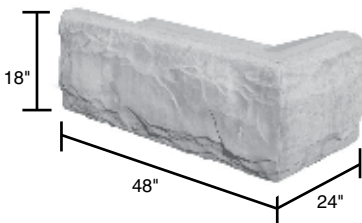
Dual Face Unit – 24 SF

3,300 lbs.



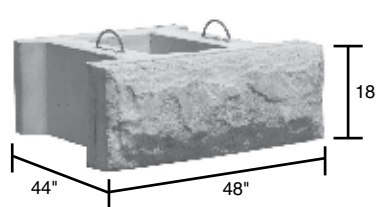
End Unit – 9 SF

1,900 lbs.



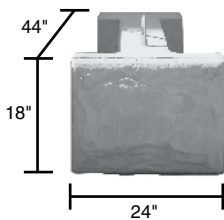
6 SF Block

1,600 lbs.



3 SF Block

900 lbs.



Our Guarantee

We deliver on our promise, or make it right.

Ordering Information

763.441.1100

To obtain more technical information or for a price quote contact dispatch.

Plaisted Companies, Inc. is a licensed manufacturer and dealer of the Stone Strong Retaining Wall systems. For technical data, engineering analysis, detailed drawings and an interactive testing report, go to www.stonestrong.com/downloads



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THE SOIL EXPERTS.