

STRUCTURAL RETAINING WALL

BROADSTONE® 8IN - ROCKFACE

The BroadStone® series minimizes installation costs while maximizing structural performance and aesthetics. The lug connection system ensures setback and ease of installation. The vertically aligned cores enhance core fill placement and speed of installation. BroadStone® delivers these advantages across a full line of block heights and face styles, including multi-piece and ashlar options that install at single-piece speed.





#771 - BroadStone® 8in RockFace Unit

Before specifying a specific product, please confirm availability with your local Keystone Hardscapes producer.

PRODUCT	DIMENSIONS			WEIGHT / UNIT (lbs.)	PRODUCT #
	Height	Width	Depth		
8in RockFace	8″	18″	12″	72	771

FEATURES & BENEFITS

Maximum Versatility and Performance

- Made of durable concrete with iron oxide pigments that resist fading in extended UV exposure. Meets or exceeds applicable requirements of ASTM C1372 for compressive strength, absorption and dimensional tolerance.
- A more vertical batter (¼″ per course for all height units) maximizes buildable site area.

Ease of Installation

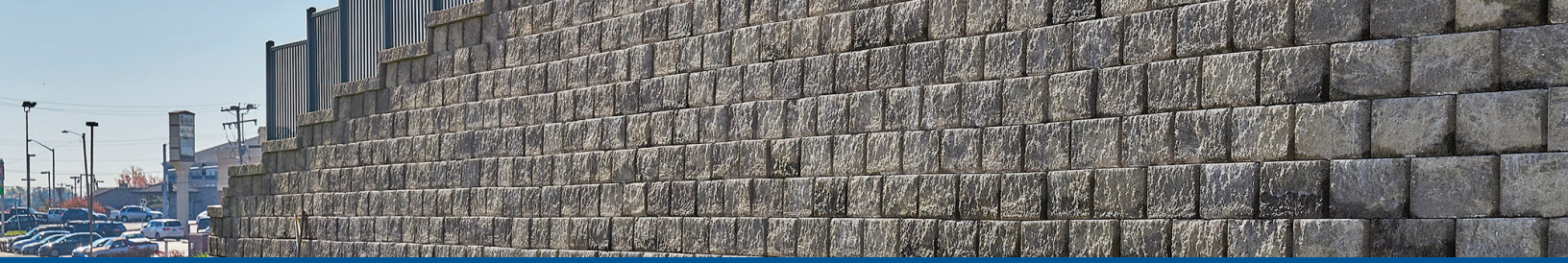
- Integral shear lugs easily mate with continuous shear channel to ensure setback and ease of installation.
- Vertically aligned cores make core-filling fast and complete, best-in-class weight and rounded grips make handling safer and easier.

Aesthetics

- Rustic RockFace finish evokes the look and feel of naturally weathered stone.
- Capping units available.
- Variety of colors complement any landscape.

RETAINING WALLS | COLUMNS | STEPS

Note: Unit color, dimensions, weight, and availability varies by manufacturer.



STRUCTURAL RETAINING WALL

INSTALLATION INSTRUCTIONS



STEP 1

Prepare the Base Leveling Pad.
Excavate the base trench to the designed width and depth. Start the leveling pad at the lowest elevation along the wall alignment. Step up in 8" increments with the base as required at elevation change in the foundation. Level the prepared base with maximum lifts of 6" of well compated granular fill (gravel, road base, or ½" to ¾" crushed stone). Compac to 95% Standard Proctor or greater. Do not use PEA GRAVEL or SAND for leveling pad.



STEP 2

Install the Base Course.
The first step is to set the integral shear lug into the granular leveling pad or alternatively remove the integral shear lug. Place the first course of Keystone units end to end (with face of wall corners touching) on the prepared base. Make sure each unit is level front to back and left to right. Leveling the first course is critical for accurate and acceptable results. Minimum embedment depth below grade is 6". Consult wall design details for site specific embedment requirements.



STEP 3

Install Fill & Compaction
Provide ½" to ¾" clean crushed stone drainage fill behind the units to a minimum distance behind the tail of one foot. Fill all open spaces between units and open cores with the same drainage material. Proceed to place backfill in maximum 6"- 8" layers and compact to 95% Standard Proctor with the appropriate compaction equipment.



STEP 4

Install Additional Courses.
Clean any debris off the top course of units. Center the next course unit at the point where the two units below meet, centering the integral shear lug directly above the indents of the two lower units. Push the units toward the face of the wall until the lugs make full contact with unit below. Continue backfilling and building to desired top elevation.



STEP 5

Capping the Wall.
Complete your wall with the appropriate Keystone capping units. With units dry and clean, use exterior grade concrete adhesive on the top surface of the last course before applying cap units. Backfill and compact to finished grade.



STEP 6

Finished Grade.
The retaining wall is now complete. Final grading, planting or other surface material can now be put into place. Typically, an 8-inch thick layer of low permeable soil is installed as the final layer of material to help prevent water infiltration.

Note: If drain tile is required for your project, consult an engineer or visit www.keystonehardscapes.com for more information. Colors are shown as accurately as possible in brochures and samples, but due to the nature of the product, regional color differences and variables in print reproduction, colors may not match exactly.

Complete installation and specification details are available by contacting your Keystone Hardscapes Sales Representative.

KEYSTONE® HARDSCAPES

keystonehardscapes.com

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