



STRUCTURAL RETAINING WALL

REGAL STONE PRO® - ROCKFACE

A full one-square foot face complemented by a natural texture makes the Regal Stone Pro® - RockFace a beautiful addition to any landscape. Behind the handsome, rugged exterior is a hollow core that lightens the stone for easy handling and installation. Rear lip installation and engineering innovation make Regal Stone Pro® the right choice for even the most challenging wall designs.



#818 - Regal Stone Pro® 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		
RockFace	8"	18"	12"	80	818

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.

Ease of Installation

- Rear lips ensure 1" setback and ease of installation.
- Unit cores reduce product weight and shipping cost and make it easy to handle.

Aesthetics

- Rugged rockface finish evokes the look and feel of naturally weathered stone.
- Cap and corner units available.
- Variety of colors complement any landscape.

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



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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 compacted granular fill (gravel, road base, or 1/2" to 3/4" crushed stone). Compact to 95% Standard Proctor or greater. Do not use PEA GRAVEL or SAND for leveling pad.



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, fitting the lip against the back face of the lower units. Push the units toward the face of the wall until the lip makes full contact with unit below. Continue backfilling and building to desired top elevation.



STEP 2

Install the Base Course.
The first step is to remove the rear lip of all base blocks so the units lie flat on the leveling pad. 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 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 3

Install Fill & Compaction
Provide 1/2" to 3/4" 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 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.



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