

Anchor™ Highland Stone®

Retaining Wall Systems

CREATING BEAUTIFUL LANDSCAPES™

ANCHOR HIGHLAND STONE®

Anchor™ Highland Stone®

The Anchor™ Highland Stone® Retaining Wall System has been designed with the texture and look of natural stone. This unique three piece system offers a hand hewn facing that accommodates a stone like appearance. With the patented rear lip, setback and alignment are facilitated resulting in faster, more reliable construction. Available in blended earthtone colors, the Anchor™ Highland Stone® Retaining Wall System makes an architectural statement in segmental retaining wall systems.

COMPOSITION AND MANUFACTURE

Anchor™ Highland Stone® Retaining Wall System is made from a "no slump" concrete mix. Made under extreme pressure and high frequency vibrations, Anchor™ Highland Stone® Retaining Wall System has a compressive strength greater than 3500 psi and a water absorption maximum of 7% and will meet or exceed ASTM 1372.

INSTALLATION

- 1. Stake Out the Wall's Placement:** Excavate for the leveling pad to the lines and grades shown on the approved plans and excavate enough soil behind the wall for the reinforcement material. The trench for the leveling pad should be a minimum width of 24 inches and 6 inches minimum deep.
- 2. Leveling Pad:** An aggregate leveling pad is made of a compactable base material consisting of an aggregate top size of 3/4 inch minus with fines. The pad must extend 6 inches in front and behind the first course of stone, and be at least 6 inches deep. Compact the aggregate and make sure it is level.
- 3. Base Course:** Run a string line along the back of the stone to align the wall units. Begin laying the 18" wide stone at the lowest elevation of the wall. Remove the rear lip of the stone so that it will lie flat on the leveling pad. Place the stones side by side, flush against each other, and in full contact with the leveling pad. Level front-to-back and side-to-side. Check the stones for proper alignment.
- 4. Next Lift Construction:** Clean any debris off the top of the stones. Place the second course of stones, large, medium and small, on the base course while maintaining running bond pattern. Do not allow stone vertical joints to align course to course. Push or pull each stone as far as possible to ensure the correct setback. Fill all voids between and within concrete wall units with drainage aggregate. Backfill with a minimum 12 inches of drainage aggregate directly behind the stone. Backfill with soil fill behind the aggregate. Compact the backfill before the next course is laid. Avoid driving heavy equipment near the wall. Hand-operated equipment should be used within 4 feet of the wall units.
- 5. Drainage Design:** Place the drain tile as low as possible behind the wall so water drains down and away from the wall into a storm drain, or to an area lower than the wall. Drain must exit water from the wall.
- 6. Compaction:** Install back fill material behind the drainage aggregate and compact the in-fill with a compacting device. Make sure the aggregate is level with or slightly below the top of the base course. Compact in-fill material to required density.
- 7. Reinforcement:** Check your wall construction plan for which courses will need a reinforcement grid. Measure and cut the reinforcement grid to the design length in the plans. The reinforcement grid has a design strength direction, which must be laid perpendicular to the wall. Place the front edge of the material on the course, as per wall plan, (1 1/2) inches from the face of the stone. Apply the next course of stones to secure it in place. Pull the reinforcement taut and pin the back edge in place with stakes. Add drainage aggregate behind the stones, then add the in-fill soil and compact it. A minimum of 6 inches of backfill is required prior to operating vehicles on the reinforcement.
- 8. Finish Grade and Surface Drainage:** Protect your wall with a finished grade at the top and bottom. To ensure proper water drainage away from the wall, grade crest of wall to accommodate positive drainage.

Complete installation & specification details are available by contacting your Pavestone Sales Representative.

Note: Colors are shown as accurately as possible in brochures & samples, but due to the nature of the product, regional color differences and variables in print reproduction, colors may not match exactly.

APPLICATIONS

Terrace Gardens • Landscape Retaining Walls • Geosynthetic Reinforced Tall Walls

PRODUCT INFORMATION

Anchor™ Highland Stone® is available in a variety of sizes

Anchor™ Highland Stone® 6-Inch Combo

Nominal Dimensions: SM 6" L x 12" W x 6" H*
M 12" L x 12" W x 6" H
LG 18" L x 12" W x 6" H

Wt./Stone SM 27 lbs. M 55 lbs. L 80 lbs.**

Stones/Pallet 60
Approx. Wt./Pallet 3240 lbs.
Face ft./Pallet 30
Batter 10.6°
Product Number 876



Large**

Nominal Dimensions: 18 L x 12 W x 6" H

Wt./Stone 73 lbs.
Stones/Pallet 45
Approx. Wt./Pallet 3,285 lbs.
Face ft./Pallet 33.75
Batter 10.6°
Product Number 883



Medium

Nominal Dimensions: 12 L x 12 W x 6" H

Wt./Stone 59 lbs.
Stones/Pallet 48
Approx. Wt./Pallet 2,832 lbs.
Face ft./Pallet 24
Batter 10.6°
Product Number 884



Small

Nominal Dimensions 6 L x 12 W x 6" H

Wt./Stone 30 lbs.
Stones/Pallet 80
Approx. Wt./Pallet 2,400 lbs.
Face ft./Pallet 20
Batter 10.6°
Product Number 885



Anchor™ Wall Cap #824***

Nominal Dimensions*: 17 1/4 L x 10 W x 3" H

Wt./Stone 34 lbs.
Stones/Pallet 90
Approx. Wt./Pallet 3,060 lbs.
Linear ft./Pallet 101
Product Number 824



Pavestone Cap #819***

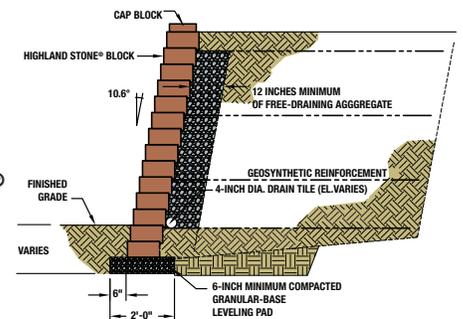
Nominal Dimensions: 18 L x 13 1/2 W x 3" H

Wt./Stone 57 lbs.
Stones/Pallet 48
Approx. Wt./Pallet 2,726 lbs.
Linear ft./Pallet 72
Product Number 819



*Fractional dimensions are nominal. ** Large stone features a partial core. ***Caps not available in all markets.

Typical Cross Section of Highland Stone® Installation



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PLEASE CHECK WITH A PAVESTONE REPRESENTATIVE FOR AVAILABILITY.

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