

CottageStone® Advantage is available in Gray, Khaki, Rustic Blend, and Summit Blend. CottageStone Advantage retaining wall units can be used throughout your yard and garden. They are just the thing for small retaining walls, tree rings, borders, planters, edging and terraced gardens. CottageStone Advantage's tapered shape makes it easy to create straight, curved or circular walls. CottageStone is designed for retaining walls up to 2 feet.

#### CottageStone Advantage

4" x 12" x 7"  
10.2 cm x 30.5 cm x 17.8 cm



## MUTUAL MATERIALS TECH SHEET

# CottageStone® Advantage

### TRADITIONAL



This product is designed for a sustainable future



## PRODUCT DATA\*

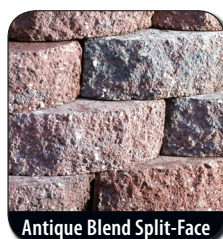
Coverage	Units / Pallet	Coverage / Pallet	Weight / Piece	Weight / Pallet**
3 pcs / ft <sup>2</sup> (24 pcs / m <sup>2</sup> )	144	37.33 ft <sup>2</sup> (3.47 m <sup>2</sup> )	23 lb (10.4 kg)	3,312 lb (1,502 kg)

\* Maximum wall height: 2'. Minimum radius: 2'.

\*\* All **Weight per Pallet** noted above include a 50 lb pallet weight.

## AVAILABLE COLORS

For more information regarding custom colors, please contact a Mutual Materials sales representative. Custom colors may be restricted by the size of the order or project.



Antique Blend Split-Face



Khaki Split-Face



Natural Split-Face



Summit Blend Split-Face

## PROJECT ESTIMATION

NOT TO EXCEED 2'		WALL LENGTH (1 unit per lineal foot)					
WALL HEIGHT	COURSES	5 ft	10 ft	15 ft	20 ft	25 ft	30 ft
8"	2	10	20	30	40	50	60
1'	3	15	30	45	60	75	90
1'-4"	4	20	40	60	80	100	120
1'-8"	5	25	50	75*	100	125	150
2'	6	30	60	90	120	150	180

Blocks needed for 4' diameter circle*		
Wall Height	Courses	Blocks
8"	2	24
1'	3	36
1'-4"	4	48
1'-8"	5	60
2'	6	72

\*EXAMPLE: It takes 75 CottageStones to build a wall 1'-8" tall & 15' long.

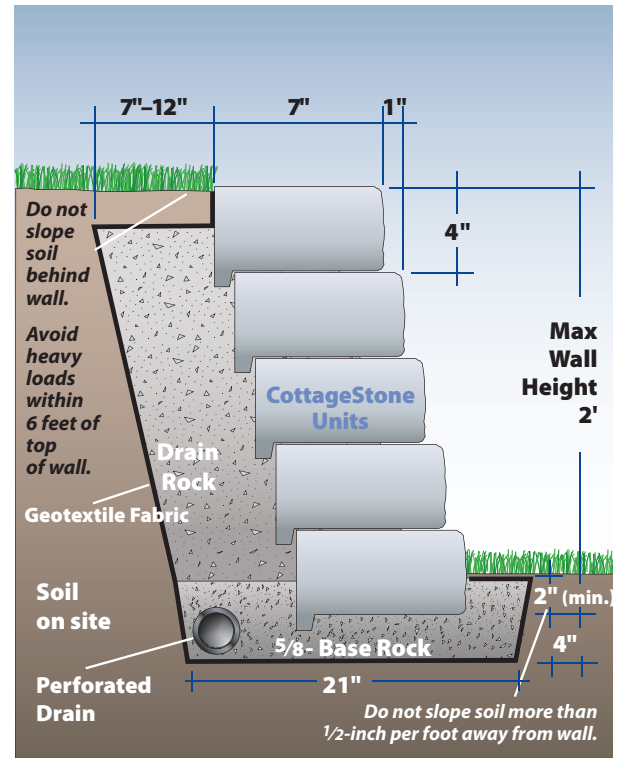
\* Diameter becomes smaller as you add courses due to 1" set-back per course. Cutting may be required as the wall gets higher.

## INSTALLATION INSTRUCTIONS (For more specific and detailed instructions, please contact your Mutual Materials sales representative.)

**Maximum gravity wall height: 2'**

**Minimum radius circle: 4'**

- 1. Excavation:** First mark the area of the wall with chalk or spray paint and then string a line. Dig out a trench that is a minimum of 6" (152 mm) deep plus one inch for every foot of wall height. Allow 7"–12" (178–305 mm) of space behind the wall for  $\frac{3}{4}$ " washed drain rock (this means your trench should be 21" wide). Roots and large rocks must be removed from the trench.
  - 2. Base Preparation:** The project requires a perforated drain, so cover the back and the bottom of the trench with a geotextile to prevent soil from blocking the drainage system. Measure geotextile fabric with excess length of about 12" (300 mm) at the top of the bank, which will be folded over the completed drainage fill.
  - 3. Foundation:** Install a 4" (102 mm) diameter perforated drain in this foundation and connect it to the existing drainage system. Next, prepare a 4" (102 mm) deep foundation with 5/8 minus or 3/4 minus crushed rock. Add 1"–2" of 5/8 minus or 3/4 minus crushed rock, rake smooth and compact with plate compactor. Base rock should have a certain amount of moisture content. Repeat steps until final 4" base elevation is achieved.
  - 4. First Course:** Lay the base course of retaining wall blocks. Using a string line at the back of the units for alignment, place units side by side on the gravel checking for level in both directions. Begin laying block at the lowest point of the wall and/or 90° corner. It is easier to start at a straight section of the wall. Complete the base course before proceeding to the second course. Be aware that the blocks have a 1" set back. When curves are laid out, space the base course block slightly apart to allow for their set back.
- NOTE:** Before installing additional courses, it is recommended that the installer front fills and backfills the first course with base rock and compacts to ensure stability of the wall.
- 5. Second & Additional Courses:** Start placing the second course. Center each unit on the seams of the first course. To cut blocks for the ends of the wall, or in tight curved sections, use a hammer and chisel to score the unit on all sides. Always wear eye protection when splitting stones. If many cuts are needed, a masonry may be the better option to use.
  - 6. Backfilling:** After each course is laid, backfill behind the wall with  $\frac{3}{4}$ " washed drain rock. This improves drainage and prevents soil from leaching through the wall face.
  - 7. Top Course:** Use concrete adhesive to secure the cap course. Apply the adhesive with a caulking gun. Lay the cap down and press firmly. Finish backfilling behind the wall.



*CottageStone® is a registered trademark of Mutual Materials Co.*

## MUTUAL MATERIALS LOCATIONS

For product information and customer service, call 1-888-MUTUALØ (688-8250).

### Washington

Auburn  
Bellevue  
Bellingham  
Mukilteo  
Olympia (Tumwater)

Port Orchard  
Spokane  
Tacoma (Parkland)  
Vancouver, WA

### Oregon

Bend  
Clackamas  
Durham  
Hillsboro  
Salem

### Idaho

Hayden

### Montana

Missoula



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