



ROMAN CYPRESS



The Roman Cypress™ retaining wall system provides strength and durability. As a tumbled product, it has a worn weathered appearance.

This system can be constructed to take maximum advantage of existing terrain. Curved walls, straight walls and steps can be constructed with Roman Cypress, giving architects, engineers, contractors and homeowners the flexibility of design and a rustic appearance they desire. The weathered appearance is achieved through a special tumbling process.

The Roman Cypress units utilize a tongue and groove connection system and can be used for gravity walls up to 4' and reinforced walls up to 26'. Roman Cypress walls have a set-back of 3/4" per course.

PRODUCT DATA*

	Coverage	Units per Pallet	Coverage per Pallet	Weight per Piece	Weight per Pallet
Standard/Tapered Unit	3 pcs / ft ² (32.3 pcs / m ²)	72	24 ft ² (1.85 m ²)	45 lb / 43 lb (20.4 / 19.5 kg)	3,240 lb / 2,630 lb (1,469 / 1,193 kg)
Corner Unit	1.2 ft ² / pc (0.077 m ² / pc)	30	36 ft ² (2.32 m ²)	77 lb (35 kg)	2,360 lb (1,070 kg)
Revers-a-Cap*	1.5 pcs / ln ft (4.92 pcs / ln m)	96	64 ln ft (22.9 ln m)	22 lb (10 kg)	2,640 lb (1,220 kg)
12" Coping Unit	2 ln ft / pc (0.6 ln m / pc)	36	72 ln ft (19.5 ln m)	62 lb (30.8 kg)	2,262 lb (1,010 kg)

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

Maximum gravity wall height: 4'. Minimum radius: 8'. Please consult sales representative for maximum reinforced wall height.

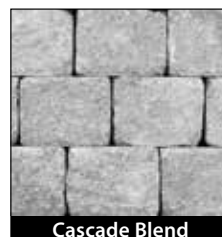
* Coverage is for 8" faces only. If alternating 7" and 8" faces, there are 1.6 pcs / ln ft (5.25 pcs / ln m). Coverage per pallet is 60 ln ft (18.29 ln m). There are 24 end caps on each pallet. Purchase Requirement

AVAILABLE COLORS[‡]

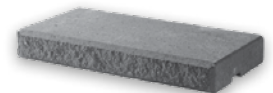
For more information on custom colors, please contact a Mutual Materials sales representative. Custom colors may be restricted by the size of the order or project.

[‡] Revers-a-Cap & 12" Coping Unit are also available in Charcoal.

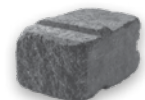
[§] 12" Coping Unit is not available in Harvest Blend.



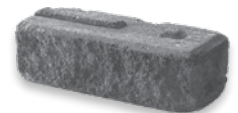
12" Coping Unit[§]
3" x 23 3/8" x 12" (76 mm x 603 mm x 305 mm)



Standard/Tapered Unit*
6" x 8" x 12" (152 mm x 203 mm x 305 mm)



Corner Unit*
6" x 8" x 20" (152 mm x 203 mm x 508 mm)



Revers-a-Cap[‡]
3" x 14" (76 mm x 154 mm)
Front face: 8" (203 mm)
Back face: 7" (177 mm)



**Tapered and corner units are pre-split and ready to install. The coping units need to be split.*

INSTALLATION PARAMETERS

The installation instructions are for gravity walls up to 4' only. Walls over 4' must be reinforced and designed by an engineer.

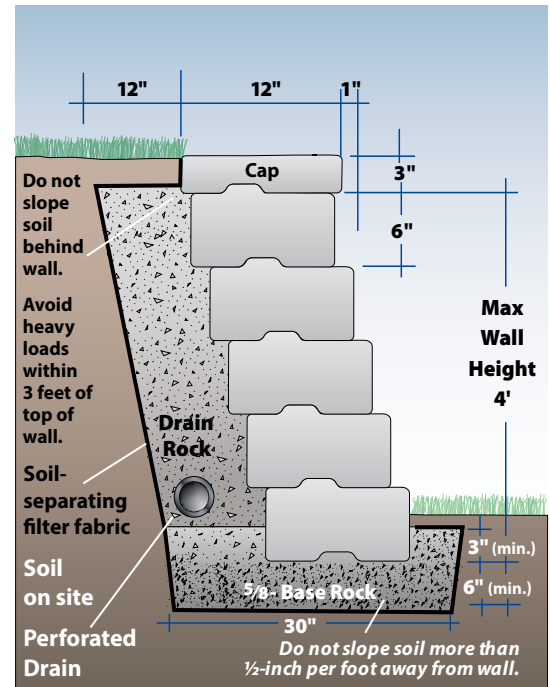
INSTALLATION INSTRUCTIONS

For more specific and detailed instructions, please contact your Mutual Materials sales representative.

Maximum gravity wall height: 4'

Minimum radius circle: 8'

- 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 9" (230 mm) deep plus one inch for every foot of wall height. Allow 12" (305 mm) of space behind the wall for $\frac{3}{4}$ " washed drain rock (this means your trench should be 30" wide). Roots and large rocks should be removed from the trench.
- 2. Base Preparation:** The project requires a perforated drain. Cover the back and the bottom of the trench with a geotextile fabric to prevent soil from blocking the drainage system. Measure geotextile fabric with excess length of about 12" (305 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 6" (152 mm) deep foundation with $\frac{5}{8}$ minus or $\frac{3}{4}$ minus crushed rock. Add 1"-2" of $\frac{5}{8}$ minus or $\frac{3}{4}$ minus crushed rock, rake smooth and compact with plate compactor. Base rock should have a certain amount of moisture content. Repeat steps until final 6" 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 $\frac{3}{4}$ " 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:** Sweep top of underlying course and stack next course in running bond pattern so the middle of the unit is above the joint between adjacent blocks below. To cut blocks (for the ends of the wall, or in tight curved sections) use a masonry saw. Always wear eye protection when cutting blocks.
- 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.



MUTUAL MATERIALS LOCATIONS

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

WASHINGTON		OREGON		IDAHO		MONTANA	
Auburn	Port Orchard	Bend	Boise	Boise	Missoula		
Bellevue	South Seattle	Clackamas	Hayden	Hayden			
Bellingham	Spokane	Durham					
Marysville	Tacoma (Parkland)	Portland					
Olympia (Tumwater)	Vancouver, WA	Salem					

