

# RIVERCREST™ WALL

INSTALLATION GUIDE



STONE GALLERY  
(617) 467-4785



**UNILOCK®**  
DESIGNED TO CONNECT.



## Introducing the most natural, versatile and easy to use landscape wall system in the world.

The Rivercrest™ Landscape Wall System incorporates engineered, patent pending design with natural beauty and contractor friendly design features. For the professional landscaper or do-it-yourselfer, Rivercrest offers the true look of natural flagstone but without the cost and difficulty of installation.

**Your creativity will be limited only by your imagination.**

Rivercrest™ Wall has the look of a drystacked, real flagstone wall, with texture on the front and back of the unit. Some of the features include:

- Retaining walls up to 0.61m (2.0ft) in height
- Straight or Curved Walls
- Create seat walls, pillars, tree rings, planters, firepits and grill islands easily
- Unique integrated alignment/connector system
- NO pins or clips required
- NO complicated patterns to follow
- Lightweight and easy to handle

Available in three colors, Coastal Slate, Buff and Grey. Can be use separately or in combination.



Coastal Slate



Buff



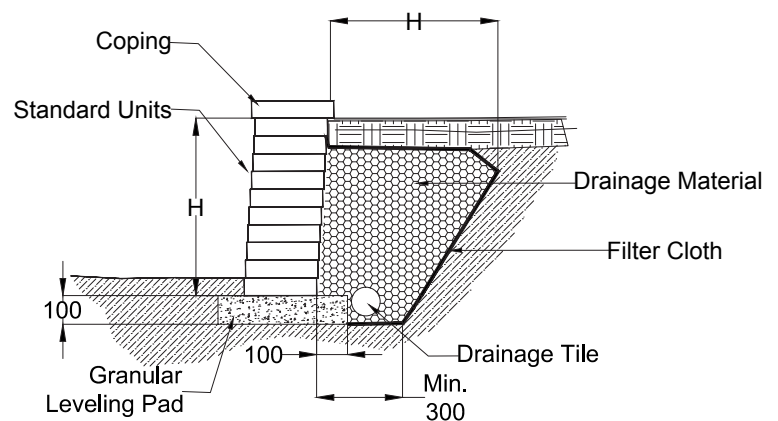
Grey

### Retaining Wall Construction

Recommended for walls 600mm (2.0ft) and under. Wall to be constructed on a 100mm (4") by 500mm (20") granular footing with a min. of 1 course embedded.

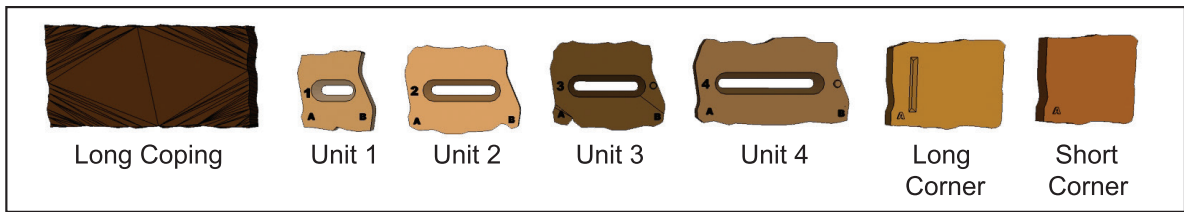
A drainage layer comprised of free draining material, with a depth equal to the height of the wall [min 300mm (12")]. A minimum 100mm (4") perforated drainage tile is also required. Over compaction of the drainage layer must be prevented.

NOTE: It is recommended that coping units be secured with a Unilock® concrete adhesive. Concrete adhesive can also be used between layers or at corners for additional connectivity.



Measurements noted in millimeters

## RETAINING WALL CONSTRUCTION

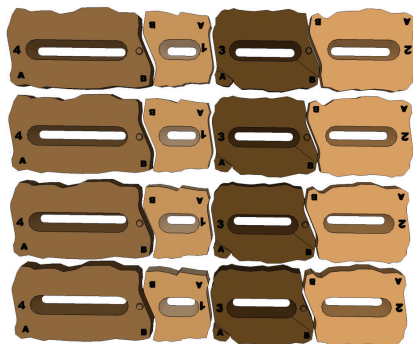


UNIT	LENGTH mm (inches)	HEIGHT mm (inches)	DEPTH mm (inches)
Long Coping Unit	560 (22)	60 (2-1/4)	279.5 (11)
Standard Unit 1	200 (8)	60 (2-1/4)	228 to 254 (9 to 10)
Standard Unit 2	312 (12)	60 (2-1/4)	228 to 254 (9 to 10)
Standard Unit 3	312 (12)	60 (2-1/4)	228 to 254 (9 to 10)
Standard Unit 4	425 (17)	60 (2-1/4)	228 to 254 (9 to 10)
Long Corner Unit	312 (12)	60 (2-1/4)	228 to 254 (9 to 10)
Short Corner Unit	250 (10)	60 (2-1/4)	228 to 254 (9 to 10)

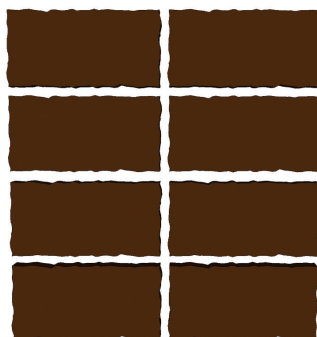
Stones & Bundling	Face Ft/ Bundle	Face Ft/ Unit	Lin Ft/ Bundle	Lin Ft/Unit	Units/ Bundle	Units/Face Ft	Layers/ Bundle	Lbs/ Unit	Lbs/Bundle
Long Coping	16.7	0.348	89.1	1.86	48	2.87	8	45	2152
Corner Bundle	20.92	-	-	-	-	-	4	-	1232.7
Corner Bundle	Long Corner Unit	16.1	0.335	85.92	1.79	48	2.99	20.4	-
	Short Corner Unit	4.8	0.3	25.44	1.59	16	3.33	16.7	-
Random Wall Bundle	24.3	-	130.2	-	128	-	-	-	1901.9
Random Bundle	Standard Unit 1	3.9	0.12	20.99	0.658	32	8.33	9.4	-
	Standard Unit 2	6.1	0.19	32.54	1.01	32	5.26	14.7	-
	Standard Unit 3	6.1	0.19	32.54	1.01	32	5.26	14.7	-
	Standard Unit 4	8.2	0.25	44	1.375	32	4	20.6	-

The Rivercrest™ Wall system has three (3) pallet configurations containing separate units.

**Standard Unit Pallet**  
2.26 sq.m (24.3 sq.ft)



**Long Coping Unit Pallet**  
27.16m (89.1 linear ft)



**Corner Unit Pallet**  
1.94 sq.m (20.92 sq.ft)



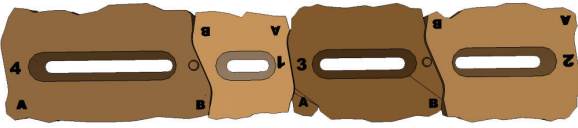
Long Corner Units      | Short

# PALLET CONFIGURATIONS

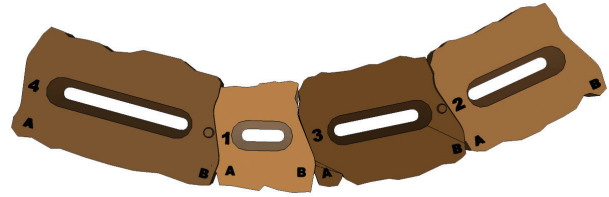
## Basic Installation Guidelines

Note: Alternate units with and without a knob

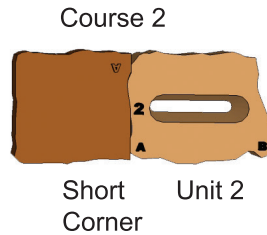
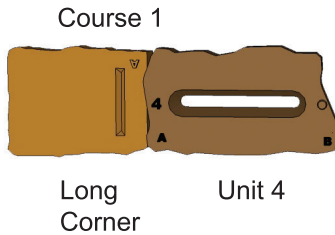
### 1. Straight Wall - Align A-A / B-B



### 2. Curved Wall - Align A-B / B-A



### 3. Starting a Wall

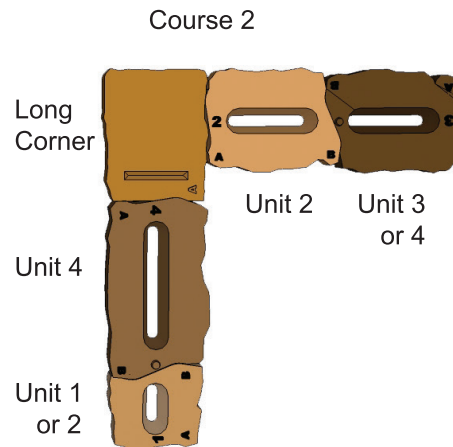
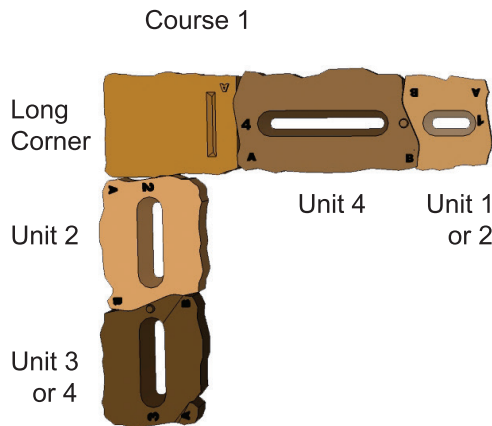


### 4. Laying Patterns

There are no specific laying patterns with the Rivercrest™ Wall system. Just keep the above guidelines in mind and use up equal numbers of all units. If you run into a conflict where a knob does not fall into a core simply knock it off with a chisel and put a dab of adhesive down or put a different unit down that works.

For simplicity, you could lay the units as they come off the skid (4,1,3,2) and reverse the order every other course to avoid any conflicts. This would, however, reduce the variable look in the wall.

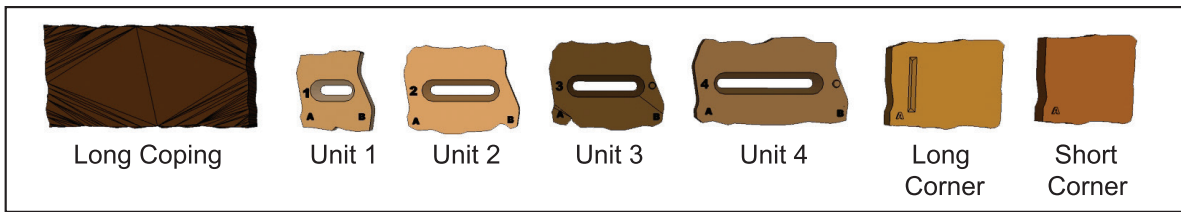
### 5. Corner Construction



### 6. Helpful Hint

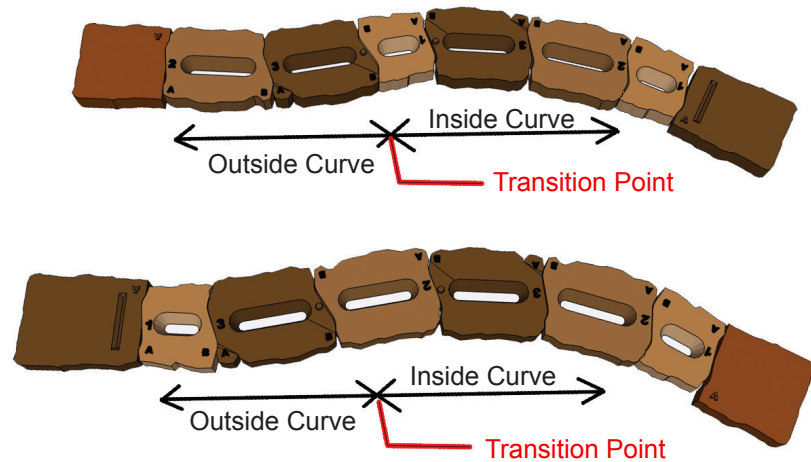
Unit 4 and Unit 1 are the same length, 580mm (23"), as the combination of a Unit 3 and a Unit 2. This increment can be used to plan a layout between two set points such as corners. Make sure to take the length of a long corner, 312mm (12"), and a short corner, 250mm (10"), into account as these will be at either end.





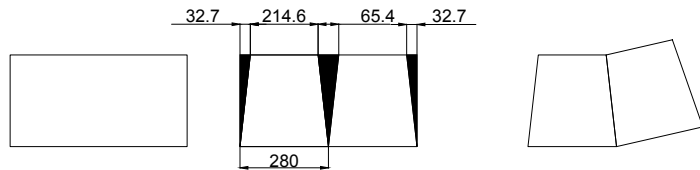
## Curve Transitions

The transition from a curve to a straight wall should occur as close as possible to the transition in the row below.

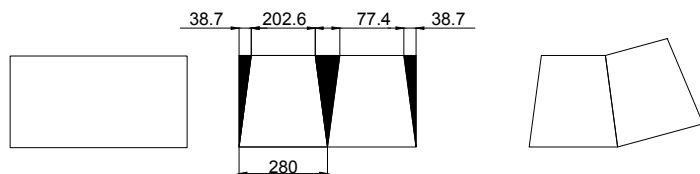


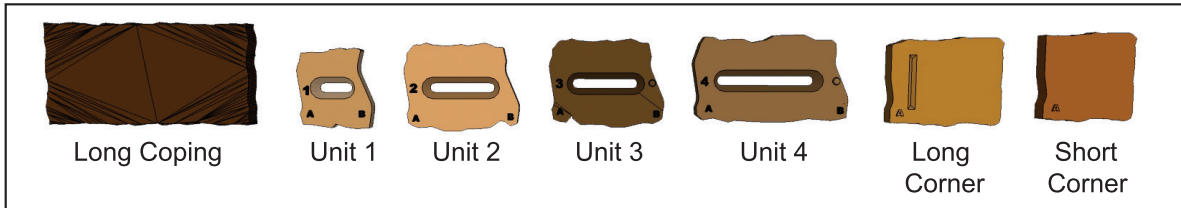
## Coping Cuts for Radii

For a 1.25m (4.1ft) radius :



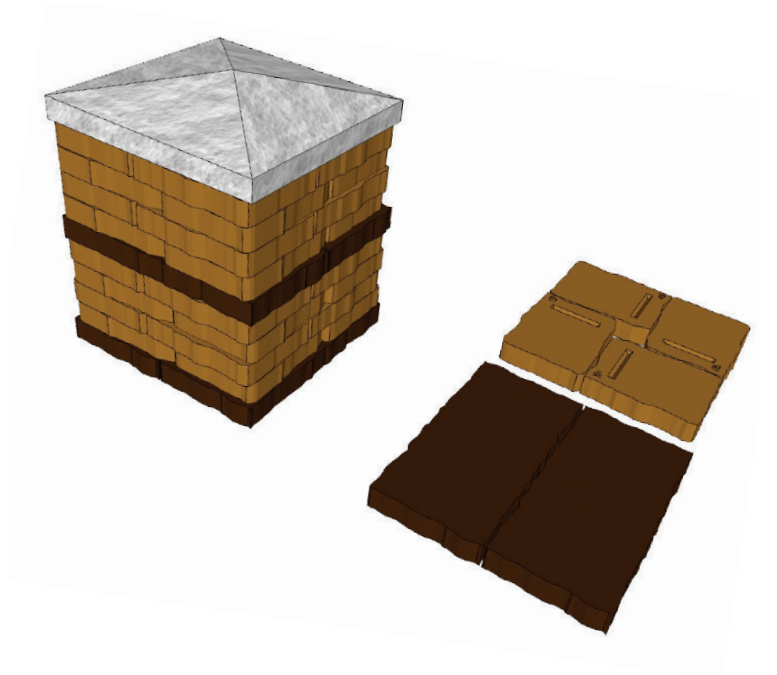
For a 1.055m (3.5ft) radius :





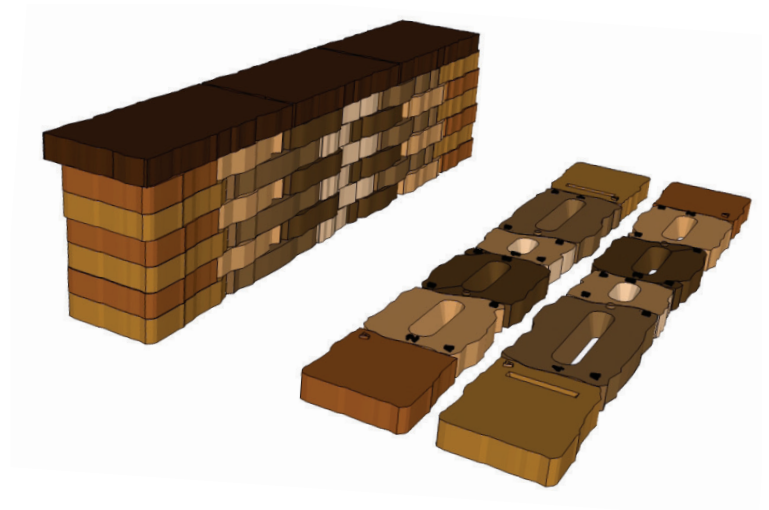
## Pillar Construction

The pillar can be constructed utilizing a variety of units as shown in the individual courses to create a random look. Approved construction adhesive is recommended between courses.



## Seat Wall Construction

Starting and ending a seat wall can be done by alternating a long and short corner unit. Approved construction adhesive is recommended between courses.

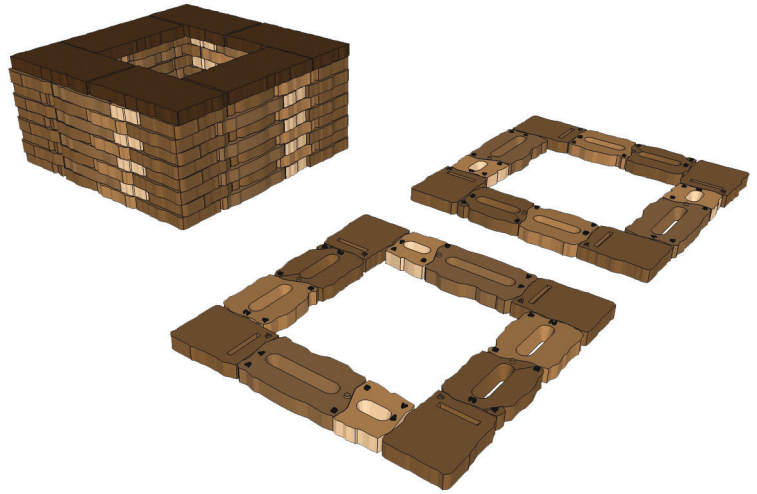


# FREE STANDING WALLS



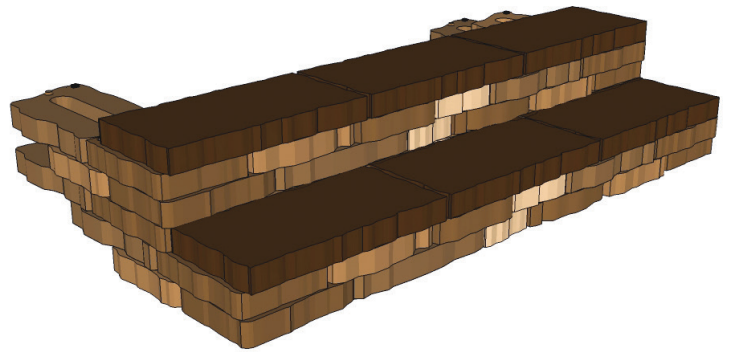
## Planter Boxes

A variety of dimensions can be achieved by using different combinations.

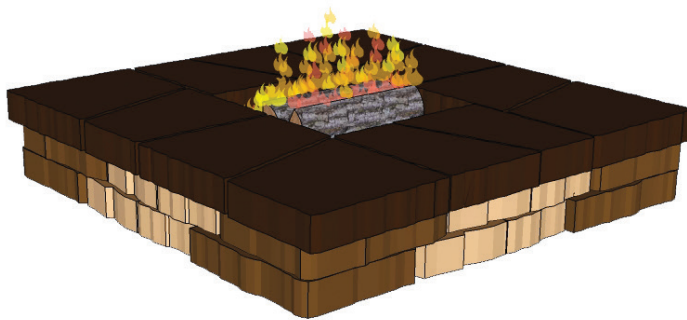


## Steps

Step treads are typically wider than the coping depth of the material. It is recommended that two rows of coping be placed as shown and the next tread be placed at your required tread depth. Alternatively, pavers could be installed in place of the second coping row.



## Firepits



## Tree Rings

Minimum radii using an equal amount of each unit is 1.25m (4.1ft). Utilizing only Unit 3 and Unit 1 pieces, a 1055mm (3.5ft) radius can be achieved.







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