



Mutual Materials hardscape products create Outdoor Living spaces that are beautiful to behold and inviting to walk through. From old world to contemporary, our pavers, blocks and stones lend a distinctive tone to the character of your yard. Start your project today and add a special area to your home where you can relax and entertain.

To see more products and project ideas, visit us online at www.mutualmaterials.com.

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Roman Dominion









PAVERS

From old world to contemporary, pavers can lend a distinctive tone to the character of your yard. Patios, walkways, driveways and pool decks all benefit from the beauty, strength and durability of concrete pavers. Mutual Materials pavers come in a variety of shapes, colours and textures so that you can make your dream a reality.





ROMAN COBBLESTONE



Small Unit

Coverage: $73.37 \text{ pcs} / \text{m}^2 (6.82 \text{ pcs} / \text{ft}^2)$

Coverage / Pallet 8.98 m² (96.66 ft²)

Pcs. / Pallet: 693

Weight / Each: 1.9 kg (4.2 lbs)
Weight / Pallet: 1,323 kg (2,915 lbs)

7.6 cm W (3") 18.1 cm L 6 cm H I (2 3/8")

Medium Unit

Coverage: $36.73 \text{ pcs} / \text{m}^2 (3.4 \text{ pcs} / \text{ft}^2)$

Coverage / Pallet: 10 m² (107.2 ft²)

Pcs. / Pallet: 378

Weight / Each: 3.8 kg (8.4 lbs)
Weight / Pallet: 1,441 kg (3,176 lbs)



Large Unit

Coverage: $24.45 \text{ pcs} / \text{m}^2 (2.29 \text{ pcs} / \text{ft}^2)$

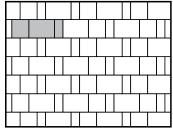
Coverage / Pallet: $9 \text{ m}^2 (97.1 \text{ ft}^2)$

Pcs. / Pallet: 225

Weight / Each: 5.7 kg (13 lbs)
Weight / Pallet: 1,288 kg (2,840 lbs),

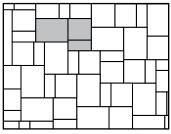


Roman Pattern 2



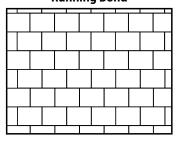
Large: 50%, Medium: 34%; Small: 16%

Roman Pattern 3

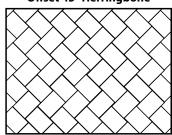


Large: 50%, Medium: 34%; Small: 16%

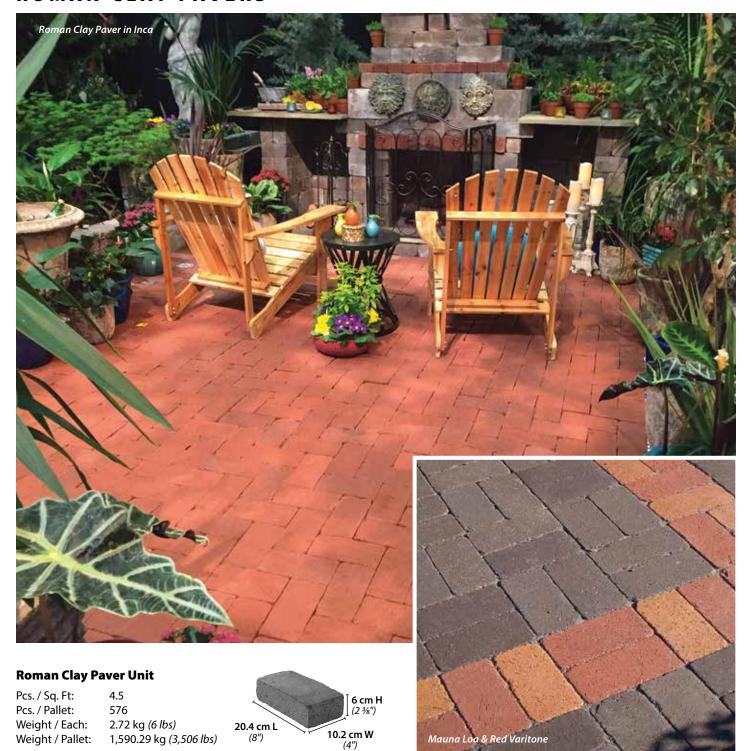
Running Bond

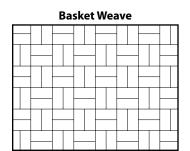


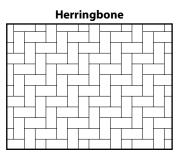
Offset 45° Herringbone

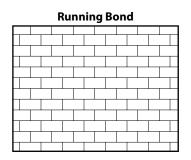


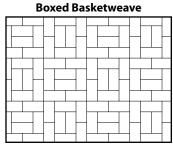
ROMAN CLAY PAVERS











ROMAN DOMINION

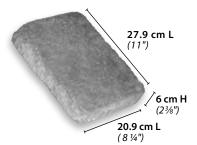


Roman Dominion Large Rectangle

 $17.1 \text{ pcs} / \text{m}^2 (1.6 \text{ pcs} / \text{ft}^2)$ Coverage: Coverage / Pallet: 8.4 m² (90.9 ft²)

Pcs. / Pallet: 144

Weight / Each: 8 kg (17.6 lbs) Weight / Pallet: 1,171 kg (2,835 lbs)



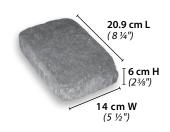
Roman Dominion Rectangle

 $34.4 \text{ pcs} / \text{m}^2 (3.16 \text{ pcs} / \text{ft}^2)$ Coverage:

Coverage / Pallet: 9.53 m² (102.6 ft²)

Pcs. / Pallet: 324

Weight / Each: 3.9 kg (9 lbs) Weight / Pallet: 1,302 kg (2,870 lbs)



Roman Dominion Square

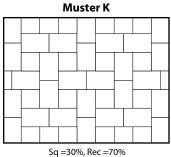
 $51.5 \text{ pcs} / \text{m}^2 (4.7 \text{ pcs} / \text{ft}^2)$ Coverage:

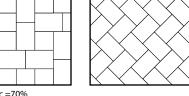
Coverage / Pallet: 8.45 m² (91.26 ft²)

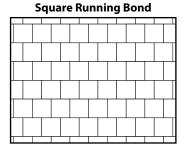
Pcs. / Pallet: 432

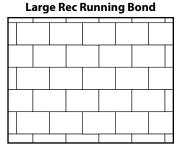
Weight / Each: 2.6 kg (5.8 lbs) Weight / Pallet: 1,161 kg (2,592 lbs)



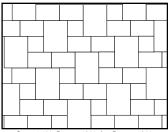


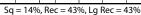






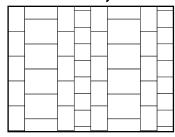
3-Piece Ashlar



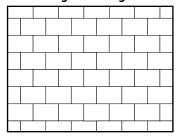


Corridor Layered

Herringbone



Rectangle Running Bond



DOMINION SLATE

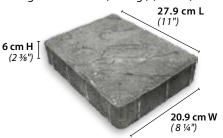


Dominion Slate Large Rectangle

 $17.1 \text{ pcs} / \text{m}^2 (1.6 \text{ pcs} / \text{ft}^2)$ Coverage: Coverage / Pallet: 8.4 m² (90.9 ft²)

144 Pcs. / Pallet:

Weight / Each: 8 kg (17.6 lbs) Weight / Pallet: 1,171 kg (2,835 lbs)



Dominion Slate Rectangle

 $34.4 \text{ pcs} / \text{m}^2 (3.16 \text{ pcs} / \text{ft}^2)$ Coverage:

Coverage / Pallet: 9.53 m² (102.6 ft²)

Pcs. / Pallet: 324

Weight / Each: 3.9 kg (9 lbs) Weight / Pallet: 1,302 kg (2,870 lbs)



Dominion Slate Square

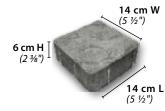
 $51.5 \text{ pcs} / \text{m}^2 (4.7 \text{ pcs} / \text{ft}^2)$ Coverage:

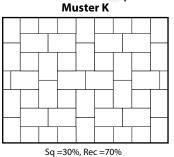
Coverage / Pallet: 8.45 m² (91.26 ft²)

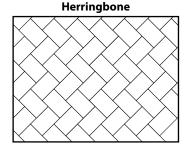
Pcs. / Pallet: 432

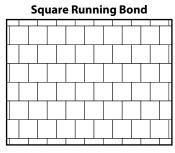
Weight / Each: 2.6 kg (5.8 lbs) Weight / Pallet: 1,161 kg (2,592 lbs)

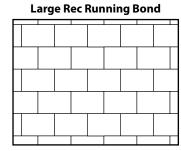


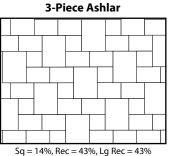


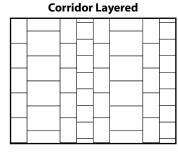


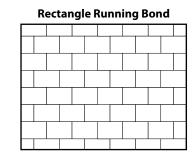


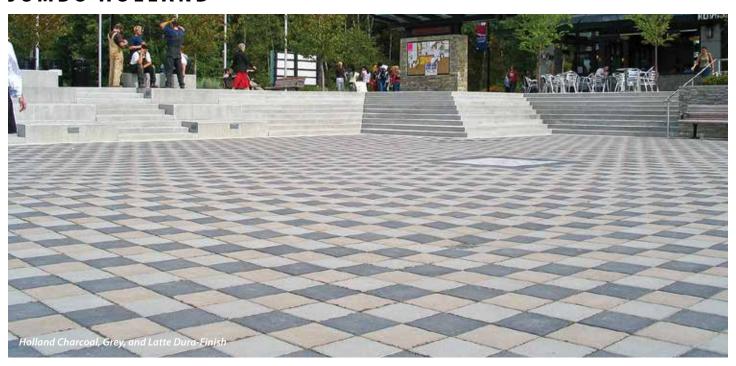












Jumbo Half Holland 6 cm

Coverage: $79.12 \text{ pcs} / \text{m}^2 (7.55 \text{ pcs} / \text{ft}^2)$

Coverage / Pallet: 6.73 m² (72.45 ft²)

Pcs. / Pallet:

Weight / Each: 1.8 kg (6 lbs) Weight / Pallet: 920 kg (2,028 lbs)



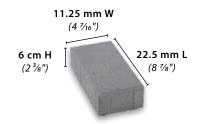
Jumbo Holland 6 cm

 $39.56 \text{ pcs} / \text{m}^2 (3.67 \text{ pcs} / \text{ft}^2)$ Coverage:

Pcs. / Pallet: 360

Weight / Each: 3.6 kg (8 lbs)

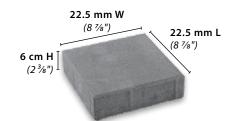
Weight / Pallet: 1,270 kg (2,800 lbs)



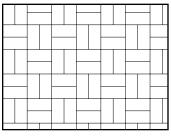
Jumbo Double Holland 6 cm

 $19.78 \text{ pcs} / \text{m}^2 (1.84 \text{ pcs} / \text{ft}^2)$ Coverage:

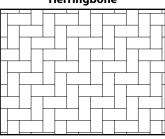
Pcs. / Pallet: 180 Weight / Each: 7 kg (16 lbs) Weight / Pallet: 1,270 kg (2,800 lbs)



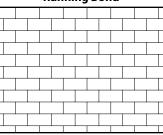
Basketweave



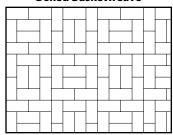
Herringbone



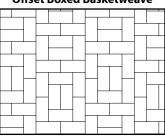
Running Bond



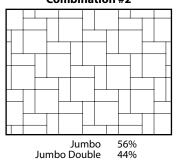
Boxed Basketweave



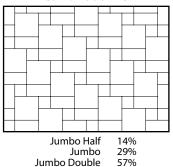
Offset Boxed Basketweave



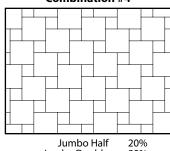
Combination #2



Combination #3

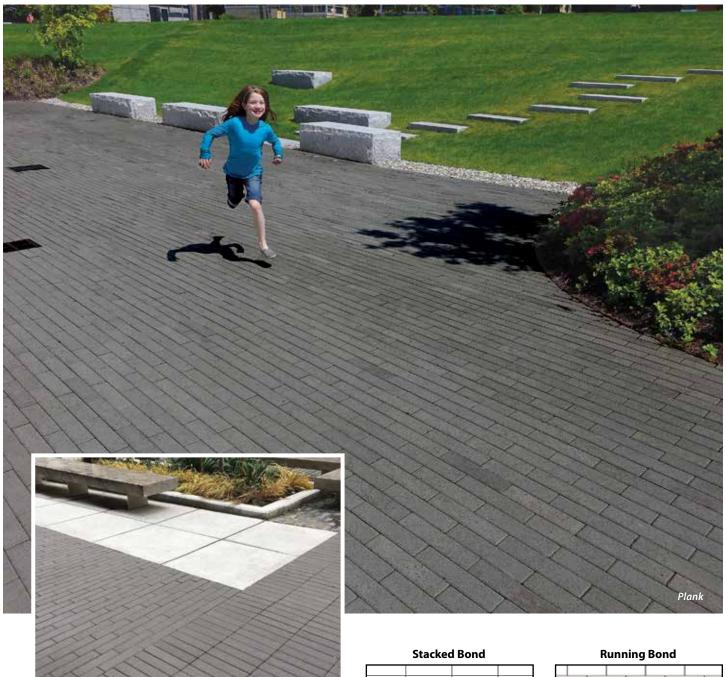


Combination #4



Jumbo Double

80%

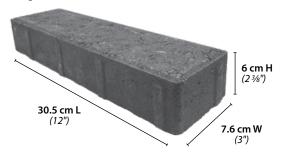


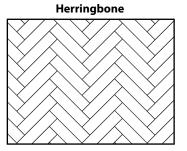
Plank

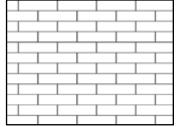
Plank

43 pcs / m^2 (4 pcs / ft^2) Coverage:

Pcs. / Pallet: 396 Weight / Each: 7 lbs. Weight / Pallet: 2,800 lbs







OLD DOMINION CIRCLE



Old Dominion Circle must be purchased by the full pallet (39.27 ft²).

6.96 Foot Circle-One Pallet

Depth: 6 cm (2 3/8") Radius: 106 cm (41 ¾") Diameter: 212 cm (83 1/2") Circumference: 615.8 cm (262 3/4") Area of Circle: 3.65 m² (39.27 ft²) Pallet Weight: 522 kg (1,150 lbs)

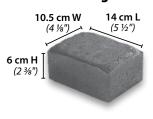
9.75-foot Circle-Two Pallets

Depth: 6 cm (2 3/8") Radius: 148.4 cm (58 1/16") Diameter: 296.8 cm (116 %") Circumference: 932.7 cm (367 3/6") Area of Circle: 7.29 m² (78.54 ft²) Pallet Weight: 522 kg (1,150 lbs) x 2

Large Radius



Rectangle







Center



OLD DOMINION SQUARES & RECS



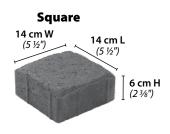
All three (3) shapes are mixed on each layer and must be purchased by the full layer or full pallet.

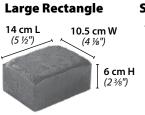
Old Dominion Squares & Recs

Coverage / Layer: 1.06 m² (11.43 ft²) Coverage / Pallet: 9.54 m² (102.74 ft²)

Layers / Pallet: 9

Weight / Layer: 145 kg (320 lbs) Weight / Pallet: 1,329 kg (2,930 lbs)







ECO-PRIORA®



Eco-Priora® 8 x 8 Unit

Pcs. / ft²: Coverage / Pallet 7.71 m²

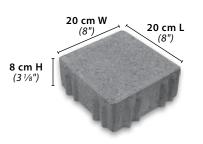
(83.04 ft²) 192

7.2 kg (16 lbs) Weight / Each:

Pcs. / Pallet:

1,439 kg *(3,172 lbs)* Weight / Pallet:

Net Void: 9%



Eco-Priora® 4 x 8 Unit

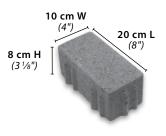
Pcs. / ft²: 4.5 Coverage / Pallet: 8.65 m² (93.2 ft^2)

Pcs. / Pallet: 432

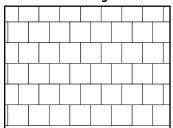
3.6 kg (8 lbs) Weight / Each:

1,567 kg *(3,456 lbs)* Weight / Pallet:

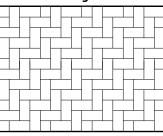
Net Void: 13%



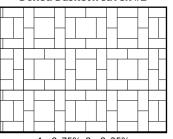
8 x 8 Running Bond



Herringbone

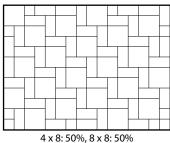


Boxed Basketweavek #2



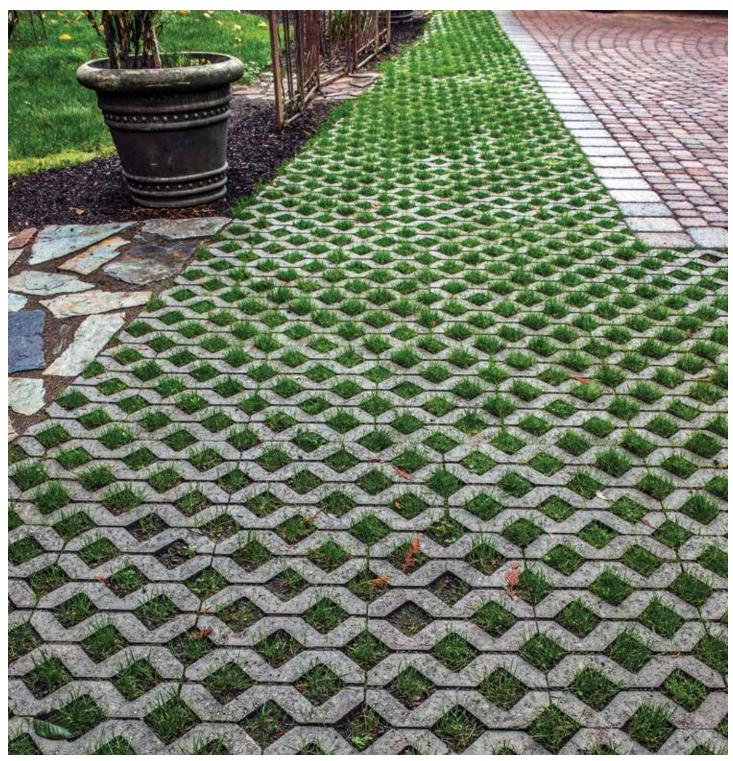
4 x 8: 75%, 8 x 8: 25%

Combination #2



4 x 8: 50%, 8 x 8: 50%

TURFSTONE



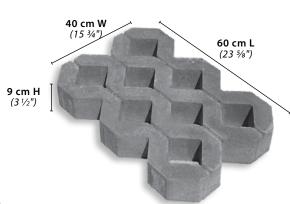
TurfStone

Coverage / Piece: 0.24 pc per m² (2.6 ft² per piece)

Coverage / Pallet: 8.45 m² (91 ft²)

Pcs. / Pallet:

Weight / Each: 31 kg (69 lbs) Weight / Pallet: 1,095 kg (2,415 lbs)





RETAINING WALLS

Whether your project involves adding terraces, raised planting beds or accent walls, Mutual Materials offers the ideal solution for your design and aesthetic needs. Choose between traditional radius and flat face units plus rustic tumbled units for the wall that best complements your landscape and architectural style.





ROMANSTACK®

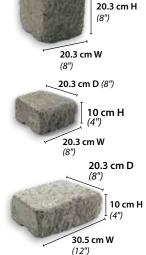


15 cm W back face 20.3 cm D (8") (6") 10 cm H 20.3 cm W front face (8")

RomanStack® in Cascade B



∠ **20.3 cm D** (8")



4 x 8 Unit

Pcs. / Face Ft.: 4.5 (or 5.1) Pcs. / Pallet: 168 Weight / Each: 18 lbs. Weight / Pallet: 3,000 lbs. 23 units to make circle 44" inside dia.

Ashlar 4 x 12 Unit

Pcs. / Face Ft.: 3 (or 3.27) Pcs. / Pallet: 126 Weight / Each: 26 lbs. Weight / Pallet: 3,300 lbs. 23 units to make circle 68" inside dia.

8 x 8 Jumbo Unit

Pcs. / Face Ft.: 2.25 (or 2.57) Pcs. / Pallet: 96 Weight / Each: 32 lbs. Weight / Pallet: 3,100 lbs. 23 units to make circle 44" inside dia.

4 x 8 Cap

Pcs. / Lineal Ft.: 1.5 (or 1.7) Pcs. / Pallet: 168 Weight / Each: 18 lbs. Weight / Pallet: 3,000 lbs. 23 units to make circle 44" inside dia.

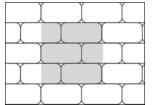
Ashlar 4 x 12 Cap

Pcs. / Lineal Ft.: 1 (or 1.09) Pcs. / Pallet: 126 Weight / Each: 26 lbs. Weight / Pallet: 3,300 lbs. 23 units to make circle 68" inside dia.

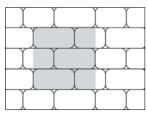
Corner Unit

Pcs. / Pallet: 144 Weight / Each: 24 lbs. Weight / Pallet: 3,456 lbs. RomanStack's basic shapes combine together to produce unlimited patterns. The RomanStack units can be used as a system, or installed separately to give additional patterning options.

Walls Using 4 x & Caps Only	alls Using 4 x 8 Units		Wall Length				
Max Heigh	t = 2' 0"	8" Faces		Alternating 6" & 8" Faces			
Wall Height	Courses	10 ft.	25 ft.	10 ft.	25 ft.		
8"	2	30	75	34	85		
1' 0"	3	45	113	51	128		
1' 4"	4	60	150	68	170		
1' 8"	5	75	188	85	213		
Caps Needed	Top Course	15	38	17	43		





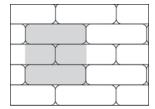


4 x 8 Units - Alternating 6" & 8" Faces (5.1 units / sq. ft.)

Walls Using 4 x 12 Wall Length **Units & Caps Only** Alternating 12" Faces Max Height = 2' 0" 10" & 12" Faces 10 ft. Wall Height Courses 25 ft. 10 ft. 25 ft. 8" 2 20 50 22 55 1'0" 30 75 33 82 1' 4" 4 40 100 109 44 1' 8" 50 125 137 55

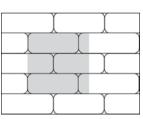
10

Top Course



4 x 12 Units - 12" Faces (3 units / sq. ft.)

Caps Needed



11

28

25

4 x 12 Units - Alternating 10" & 12" Faces (3.27 units / sq. ft.)

18.5 cm W

back face

28.5 cm W

front face $(11 \frac{1}{4})$

20.3 cm D

(8")

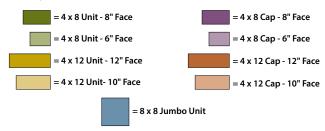
10 cm H

ROMANSTACK® INSTALLATION PATTERNS

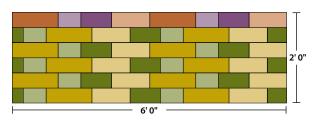
Choose from one of the patterns shown here, or create a random or repeating pattern of your own.

Unit quantities shown are estimates only and do not take into account cut units. You may wish to purchase a few extra pieces of each size to allow for cutting units.

Unit Key:

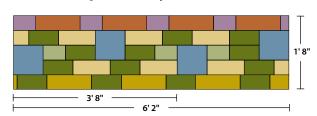


Pattern #1 - repeats every 3'0"



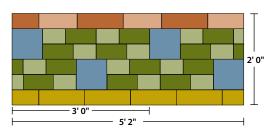
	WALL LENGTH (height is 2' 0")							
	3'	3' 6' 9' 15' 21' 33'						
4 x 8 Unit	10	20	30	50	70	110		
4 x 12 Unit	10	20	30	50	70	110		
4 x 8 Cap	2	4	6	10	14	22		
4 x 12 Cap	2	4	6	10	14	22		

Pattern #3 - repeats every 3'8"



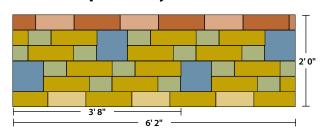
	WALL LENGTH (height is 1' 8")							
	3' 8"	3'8" 7'4" 11' 22' 29'4" 36'8"						
4 x 8 Unit	11	22	33	64	88	110		
4 x 12 Unit	7	14	21	42	56	70		
8 x 8 Jumbo	2	4	6	12	16	20		
4 x 8 Cap	3	6	9	18	24	30		
4 x 12 Cap	3	6	9	18	24	30		

Pattern #2 - repeats every 3' 0"

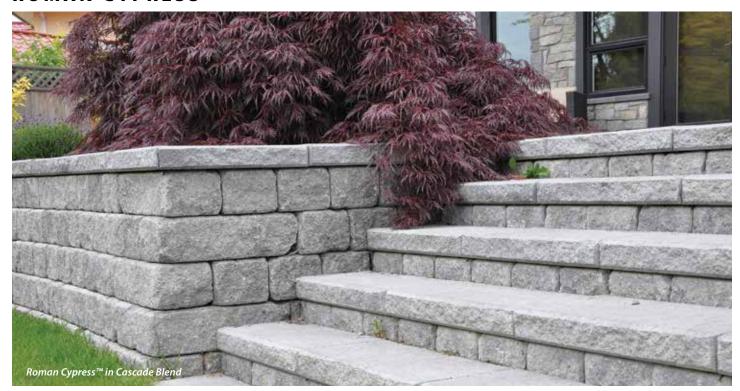


	WALL LENGTH (height is 2' 0")							
	3'	6'	9'	12'	18'	24'	30'	36'
4 x 8 Unit	18	36	54	72	108	144	180	216
4 x 12 Unit	3	6	9	12	18	24	30	36
8 x 8 Jumbo	2	4	6	8	12	16	20	24
4 x 12 Cap	4	7	10	14	20	27	33	40

Pattern #4 - repeats every 3'8"



	WALL LENGTH (height is 2' 0")							
	3' 8"	3'8" 7'4" 11' 22' 29'4" 36'8"						
4 x 8 Unit	8	17	25	50	67	81		
4 x 12 Unit	12	25	37	74	65	81		
8 x 8 Jumbo	2	4	6	12	16	20		
4 x 12 Cap	4	8	12	24	30	38		





Standard Unit

Coverage / Piece: 32.3 pcs / m²

 $(3 pcs / ft^2)$

2.2 m² (24 ft²) Pallet Coverage:

Pcs. / Pallet:

19 kg (42 lbs.) Weight / Each: Weight / Pallet: 1,372 kg (

3,024 lbs)



Tapered Unit

Coverage / Piece: 32.3 pcs / m²

 $(3 pcs / ft^2)$

2.2 m² (24 ft²) Pallet Coverage:

Pcs. / Pallet:

Weight / Each: 17.23 kg (38 lbs.)

Weight / Pallet: 1,241 kg

(2,736 lbs)





Corner Unit

Coverage / Piece: 0.077 m² / pc

 $(1.2 \, \text{ft}^2/\, \text{pc})$

Pcs. / Pallet:

Weight / Each: 32.6 kg (72 lbs.) Weight / Pallet: 980 kg (2,160 lbs)

Revers-a-Cap*

Pcs. / Lineal Ft.: 4.92 pcs ln m

> (1.5 pcs In ft) 22.9 ln m

Pallet Coverage: (75 In ft)

Pcs. / Pallet: 96

Weight / Each: 10 kg (22 lbs.) Weight / Pallet: 1,090 kg (2,400 lbs)

12" Coping Unit*

Coverage / Piece: 0.6 ln m / pc (2 ln ft / pc)

22 ln m (72 ln ft) Pallet Coverage:

Pcs. / Pallet: 36

Weight / Each: 30 kg (66 lbs.) Weight / Pallet: 1,150 kg (2,536 lbs)

9" Coping Unit* Coverage / Piece: 0.6 ln m / pc (2 ln ft / pc)

Pallet Coverage: 22 In m (72 In ft)

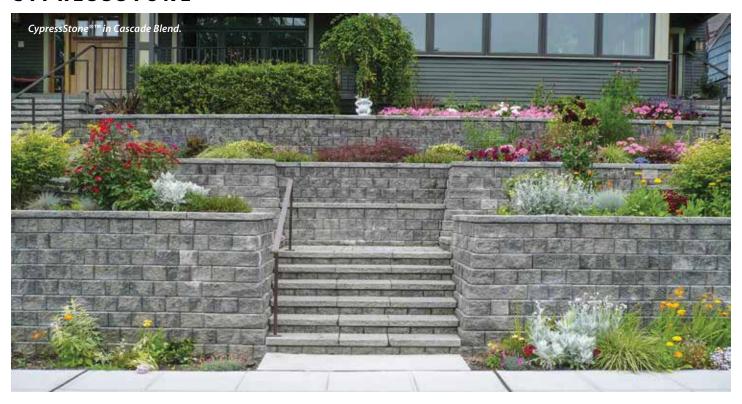
Pcs. / Pallet: 36

Weight / Each: 23.64 kg (52 lbs.) Weight / Pallet: 872 kg (1,922 lbs)





CYPRESSSTONE™





Standard Unit

Coverage / Piece: 32.3 pcs / m²

 $(3 pcs / ft^2)$

Pallet Coverage: 2.2 m² (24 ft²)

Pcs. / Pallet: 72

Weight / Each: 19 kg (42 lbs.) Weight / Pallet: 1,372 kg (

3,024 lbs)



(8")

Tapered Unit

Coverage / Piece: 32.3 pcs / m²

 $(3 pcs / ft^2)$

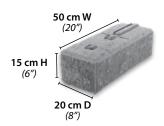
Pallet Coverage: 2.2 m² (24 ft²)

Pcs. / Pallet:

Weight / Each: 17.23 kg (38 lbs.)

Weight / Pallet: 1,241 kg

(2,736 lbs)





Corner Unit

Coverage / Piece: 0.077 m² / pc $(1.2 \, \text{ft}^2/\,\text{pc})$

Pcs. / Pallet:

Weight / Each: 32.6 kg (72 lbs.) Weight / Pallet: 980 kg (2,160 lbs)

Revers-a-Cap*

Pcs. / Lineal Ft.: 4.92 pcs ln m

(1.5 pcs In ft)

22.9 ln m Pallet Coverage:

(75 In ft)

Pcs. / Pallet:

Weight / Each: 10 kg (22 lbs.) Weight / Pallet: 1,090 kg (2,400 lbs)

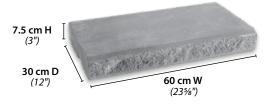
12" Coping Unit*

Coverage / Piece: 0.6 ln m / pc (2 ln ft / pc)

Pallet Coverage: 22 ln m (72 ln ft)

Pcs. / Pallet:

Weight / Each: 30 kg (66 lbs.) Weight / Pallet: 1,150 kg (2,536 lbs)



9" Coping Unit*

Coverage / Piece: 0.6 ln m / pc (2 ln ft / pc)

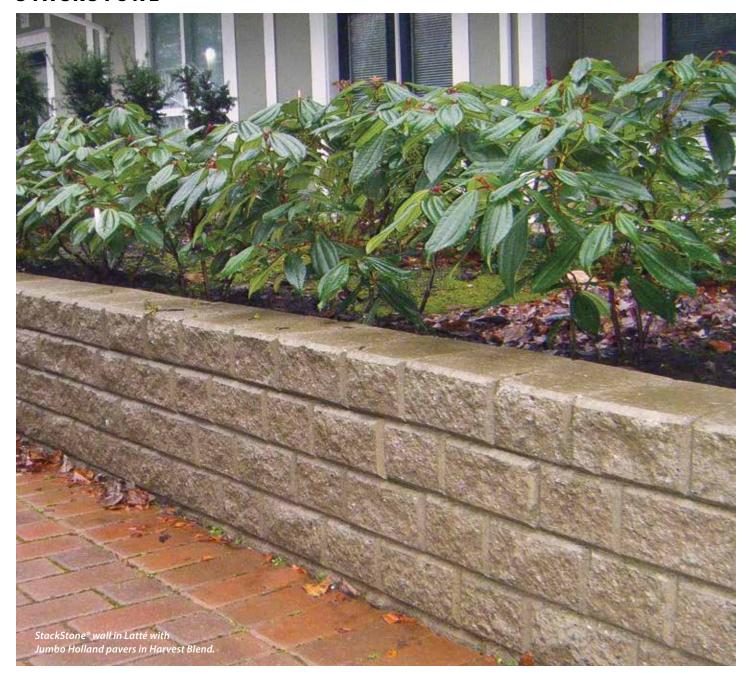
Pallet Coverage: 22 ln m (72 ln ft)

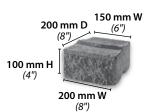
Pcs. / Pallet: 36

Weight / Each: 23.64 kg (52 lbs.) Weight / Pallet: 872 kg (1,922 lbs)



STACKSTONE®





4 x 8 Unit

Coverage / Piece: 48.42 or 55 pcs / m²

 $(4.5 \text{ or } 5.1 \text{ pcs } / \text{ft}^2)$

2.7 or 3.1m² Pallet Coverage:

(32.9 or 37.33 ft²)

Pcs. / Pallet: 168

Weight / Each: 8.2 kg (18 lbs.) Weight / Pallet: 1,298 kg (2,856 lbs)

200 mm D 150 mm W 100 mm H 200 mm W (8")

4 x 8 Cap Unit

Coverage / Piece: 4.9 or 5.6 pcs / ln m (1.5 or 1.7 pcs / In ft)

Pallet Coverage: 26.7 or 30.6 ln m

(98.8 or 112 In ft)

Pcs. / Pallet: 168

Weight / Each: 8.2 kg (18 lbs.) Weight / Pallet: 1,298 kg (2,856 lbs)

90° Corner Unit

100 mm H Pcs. / Pallet:

Weight / Each:

10.9 kg (24 lbs.) Weight / Pallet: 392 kg (864 lbs)

200 mm W 300 mm D (12")

FIRE PITS



RomanStack® 39" Square Fire Pit*

Outside Diameter: 39" x 39" 12" Cap Units: 24 Inside Diameter: 23" x 23" Corner Units: 12



RomanStack 53" Square Fire Pit*

Outside Diameter: 53" x 53" 8" Cap Units: 24 Inside Diameter: 45" x 45" Corner Units: 12

12" Cap Units: 24



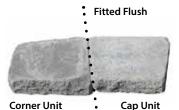
RomanStack Round Fire Pit*

Outside Diameter: 58" 4 x 8 Caps: 23 Inside Diameter: 42" Jumbo: 13 4 x 8 Units: 46

*Not sold as kits. RomanStack® and StackStone® Fire Pits: all sizes sold separately.

INSTRUCTIONS:

- 1. Prepare the fire pit location by establishing a level surface about 45" x 45".
- 2. Make sure you have the correct number of pieces (corners and caps) for the corresponding fire pit.
- 3. Place a corner unit in the desired fire pit location. Lay a cap unit against a corner unit as shown, rotated and fitted flush.



4. Place a second unit rotated 180° from the first unit. Lay the other corner unit against the cap to complete the first side of the square.

> Note that on each side of the layer there will be one long-faced corner and one short-faced corner



5. Begin the second course by placing the alternate corner unit. Note the 11" side of the corner block will now be over the 6.5" side and vice-versa.



6. Place the remaining units to complete the course.



FIRE PITS SHOULD ONLY BE BUILT OVER A NON-COMBUSTIBLE SURFACE. THEY MAY BE INSTALLED ON **CONCRETE PATIOS, PAVERS OR A COMPACTED GRAVEL** BASE. NEVER INSTALL OVER A WOOD DECK.



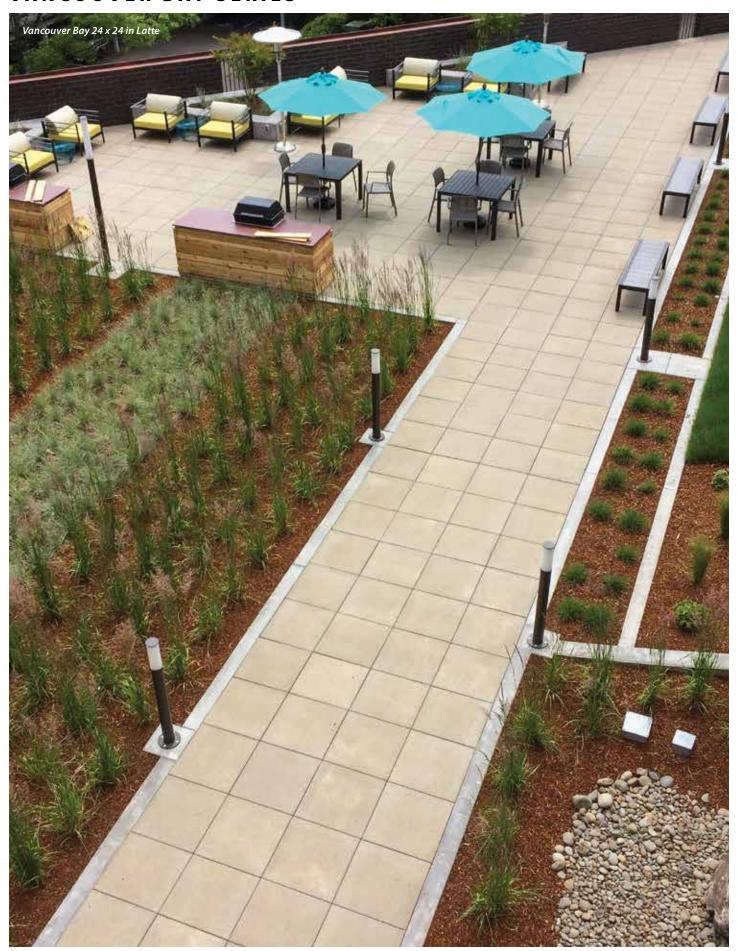
ARCHITECTURAL SLABS AND PATIO STONES

Patio stones are a cost-effective solution for basic landscaping projects such as paths, walkways, and patios. The large format and straight edges allow them to be installed flush together with no spacing required. Patio stones can be used individually as stepping stones or combined together for larger projects.

Patio stones are not suitable for vehicle traffic (such as driveways) and are intended for walking surfaces only.



VANCOUVER BAY SERIES



VANCOUVER BAY SERIES

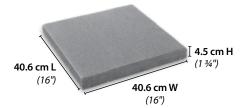


16 x 16 Vancouver Bay

Coverage: $0.17 \text{ m}^2/\text{pc} (1.78 \text{ ft}^2/\text{pc})$ Pallet Coverage: 13.89 m² (149.5 ft²)

Pcs. / Pallet: 84

Weight / Each: 18.15 kg (40 lb) Weight / Pallet: 1,497 kg (3,300 lb)

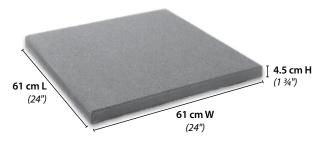


24 x 24 Vancouver Bay

Coverage: $.37 \text{ m}^2/\text{pc} (4.0 \text{ ft}^2/\text{pc})$ Pallet Coverage: 10.41 m² (112.0 ft²)

Pcs. / Pallet: 28

Weight / Each: 39.46 kg (87 lb) Weight / Pallet: 1,134 kg (2,500 lb)

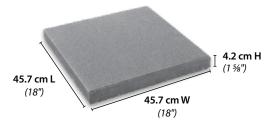


18 x 18 Vancouver Bay

Coverage: .21 m^2 / pc (2.25 ft^2 / pc) 10.45 m² (112.5 ft²) Pallet Coverage:

Pcs. / Pallet: 56

Weight / Each: 20.41 kg (45 lb) Weight / Pallet: 1,249 kg (2,750 lb)

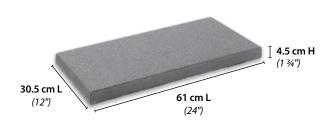


12 x 24 Vancouver Bay

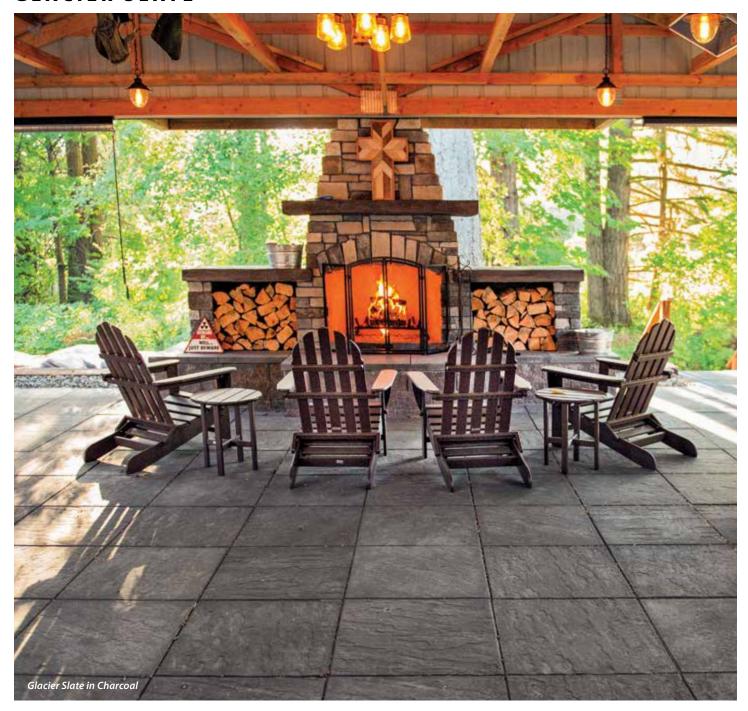
 $0.185 \text{ m}^2/\text{pc} (2.0 \text{ ft}^2/\text{pc})$ Coverage:

Pcs. / Pallet: 56

Weight / Each: 20.41 kg (45 lb) Weight / Pallet: 1,143 kg (2,500 lb)



GLACIER SLATE

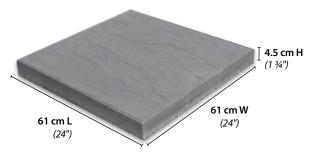


24 x 24 Glacier Slate

Coverage: 0.37 m² / pc (4 ft² / pc)
Pallet Coverage: 10.41 m² (112 ft²)

Pcs. / Pallet: 28

Weight / Each: 39.46 kg (87 lbs.) Weight / Pallet: 1,134 kg (2,500 lbs)

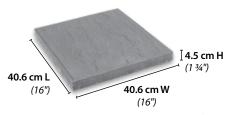


16 x 16 Glacier Slate

Coverage: 0.17 m² / pc (1.78 ft² / pc)
Pallet Coverage: 13.89 m² (149.5 ft²)

Pcs. / Pallet: 84

Weight / Each: 18.15 kg (40 lbs.) Weight / Pallet: 1,497 kg (3,300 lbs)

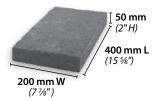


COLUMBIA SLATE



8 x 16

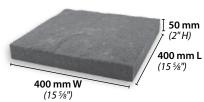
Pcs. / Sq. Ft.: 1.125 Pcs. / Pallet: 168 Weight / Each: 18 lbs. Weight / Pallet: 3,074 lbs.



1/3 Running Bond

16 x 16

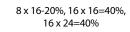
Pcs. / Sq. Ft.: 0.58 Pcs. / Pallet: 84 Weight / Each: 36 lbs. Weight / Pallet: 3,074 lbs.



16 x 16=30%, 16 x 24=70%

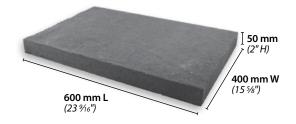
Muster K

Pattern 1

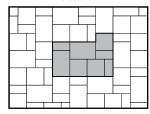


16 x 24

Pcs. / Sq. Ft.: 0.39 Pcs. / Pallet: 56 Weight / Each: 60 lbs. Weight / Pallet: 3,410 lbs.



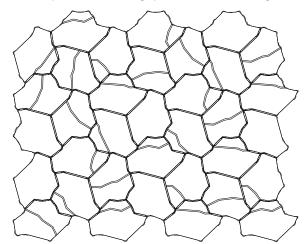




8 x 16-20%, 16 x 16=40%, 16 x 24=40%



Lay in horizontal rows as shown. Place additional units along horizontal pattern to fill in gaps; leave random edge or cut.



Six Face Patterns

Pallet Coverage: 37.5 cm W Pcs. / Pallet: 48 **47.5 cm L** (18 11/16") Weight / Each: 19.5 kg (43 lbs.) Weight / Pallet: **I 7.5 cm H** (2 ¹⁵/₆")

Slaton™

.0.42 m² / pc (1.39 ft²) 6.2 m² (66.7 ft²) Coverage:

956 kg (2,114 lbs)

See page 36 for product specs and colours.

EXPOSED AGGREGATE

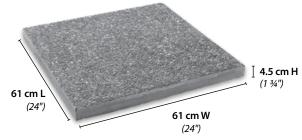


24 x 24 Exposed Aggregate

 $0.37 \text{ m}^2/\text{pc} (4 \text{ ft}^2/\text{pc})$ Coverage: Pallet Coverage: 10.41 m² (112 ft²)

Pcs. / Pallet:

Weight / Each: 39.46 kg (87 lbs.) Weight / Pallet: 1,134 kg (2,500 lbs)

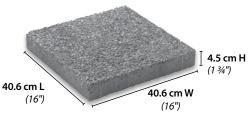


16 x 16 Exposed Aggregate

 $0.17 \text{ m}^2/\text{pc} (1.78 \text{ ft}^2/\text{pc})$ Coverage: 13.89 m² (149.5 ft²) Pallet Coverage:

Pcs. / Pallet: 84

Weight / Each: 18.15 kg (40 lbs.) Weight / Pallet: 1,497 kg (3,300 lbs)



UTILITY NON-SKID



24 x 24 Utility Non-Skid

Coverage: $0.37 \text{ m}^2/\text{pc} (4 \text{ ft}^2/\text{pc})$ 10.4 m² (112 ft²)

Pallet Coverage: Pcs. / Pallet: 28

Weight / Each: 40.82 kg (90 lbs.)

1,143 kg (2,520 lbs) Weight / Pallet:

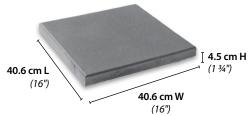


18 x 18 Utility Non-Skid

Coverage: $.21 \text{ m}^2 / \text{ pc} (2.25 \text{ ft}^2)$ Pallet Coverage: 11.7 m² (126 ft²)

Pcs. / Pallet:

Weight / Each: 20.41 kg (45 lbs.) Weight / Pallet: 1,143 kg (2,520 lbs)

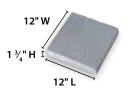


PATIO STONES

12" Square Patio Stone



Pcs. / Sq. Ft.: Pcs. / Pallet: 144 Weight / Each: 21 lbs. Weight / Pallet: 3,024 lbs.





12" Square Exposed Aggregate Patio Stone



Pcs. / Sq. Ft.: Pcs. / Pallet: 120 Weight / Each: 29 lbs. Weight / Pallet: 3,300 lbs.

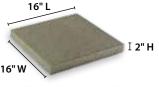


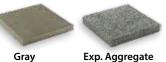
STEPPING STONES

16" Square Patio Stone



Pcs. / Sq. Ft.: 1 3/4 Pcs. / Pallet: 84 Weight / Each: 36 lbs. Weight / Pallet: 3,300 lbs.





16" Round Stepping Stone



Pcs. / Pallet: Weight / Each: 30 lbs. Weight / Pallet: 2,500 lbs.





STEPPING STONES

20" Round Exposed Aggregate Stepping Stone



Pcs. / Pallet: Weight / Each: 48 lbs. Weight / Pallet: 2,400 lbs.

51 cm (20") Diameter

EDGERS

Edgestones



Pcs. / Lineal Ft.: 1 1/2 Pcs. / Pallet: 336 Weight / Each: 9 lbs. Weight / Pallet: 3,024 lbs.







Scalloped Edge



Pcs. / Lineal Ft.: Pcs. / Pallet: 180 Weight / Each: 12 lbs. Weight / Pallet: 3,200 lbs.





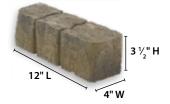




Cobble Edger



Pcs. / Lineal Ft.: Pcs. / Pallet: 224 Weight / Each: 13 lbs. Weight / Pallet: 2,912 lbs.



HARDSCAPE ACCESSORIES

Sands, Gravel, Cements and Mortars

Packaged products are designed to meet the needs of homeowners, contractors and masons. Available products include base rock, paver sand, drain rock, joint sand, sand lock and polysweep.

Cleaners, Sealers and Joint Stabilizers

Mutual Materials offers a wide array of cleaners and sealers to help you maintain the beauty and durability of your pavers or retaining wall. We carry only products designed to safely protect and enhance our concrete products.

Edge Restraints:

Edge restraints are a necessary component of all concrete paver installations. Edging is available in both rigid and flexible pieces. Whether you're building a patio, driveway, or commercial installation, Mutual Materials carries an edge restraint designed to meet the specific technical requirements of your project.







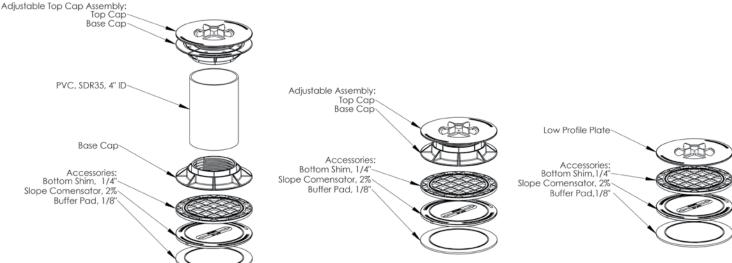
SLAB ACCESSORIES

Diamond Head™ Series Pedestals

AWS™ Pedestal System just got better with the Diamond Head™ Series, the two-piece top cap twists from 1/8" to 1-1/4" inch, to virtually eliminate PVC cutting in the field. It is supported by a 6.5" new base cap for balance, and on most membranes this pedestal virtually eliminates the need for a "barrier piece" against the membrane. All shims lock with the new Diamond Head™ Series pieces to fine tune support and eliminate "rockers".

AWS[™] was developed by installers for installers. Its new twist-adjust and snap-together shims are efficient, economical, strong, and proven. AWS™ is being widely used throughout the US and Canada by architects, builders, and homeowners. More affordable than other pedestals of its size, AWS takes its proven pedestal system to the next level. Contact your distributor for prices .





CLAY PAVERS







DRIVEWAYS PATIOS

WALKWAYS

Roman Clay Pavers









DOMINION SLATE







DRIVEWAYS

PATIOS

WALKWAYS

Rectangle













*Not suitable for vehicular traffic.

ROMAN COBBLESTONE





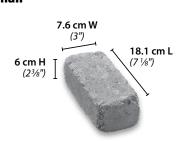


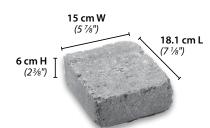
DRIVEWAYS

PATIOS

WALKWAYS

Small







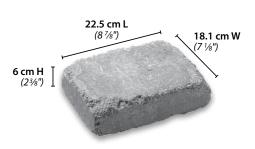








Large



Medium



ROMAN DOMINION







DRIVEWAYS

PATIOS

WALKWAYS

Square



Rectangle



Large Rectangle*



*Not recommended for vehicular use.







OLD DOMINION SQUARES & RECS







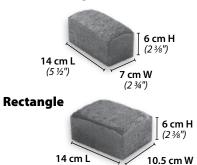
DRIVEWAYS

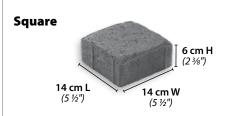
PATIOS

WALKWAYS

(4 1/8")

Small Rectangle





(5 ½")







OLD DOMINION CIRCLE KIT



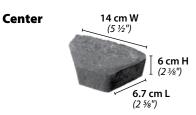




DRIVEWAYS

PATIOS

WALKWAYS



Rectangle



Small Radius



Large Radius





JUMBO HOLLAND





DRIVEWAYS

PATIOS

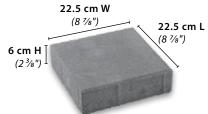
Jumbo Half Holland 6 cm



Jumbo Holland 6 cm



Jumbo Double Holland 6 cm













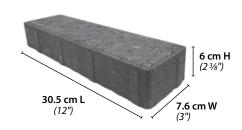
PLANK PAVERS





WALKWAYS

Plank Paver



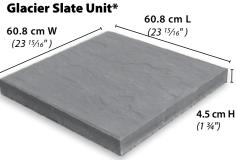




GLACIER SLATE*













*Not suitable for vehicular traffic.

Bring Your Vision to Life

Professional Services

· As a manufacturer, Mutual Materials does not offer design or installation services directly, but we know who does. Our professional network includes architects, dealers, designers, builders, and landscape professionals.

Project Support & Resources

- Visit www.mutualmaterials.com
 - Project ideas for homes and yards
 - Estimator tools for hardscape paver and retaining wall blocks
 - Resource center with installation instructions
 - See full product line and technical datasheets
 - Searchable Google Map of commercial projects made with Mutual Materials products



ECO-PRIORA®









WALKWAYS

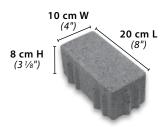
DRIVEWAYS

PATIOS

STREETS

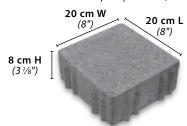
8 x 8 Unit

(There is a 9% void area per square foot.)



4 x 8 Unit

(There is a 13% void area per square foot.)









TURFSTONE®



DRIVEWAYS



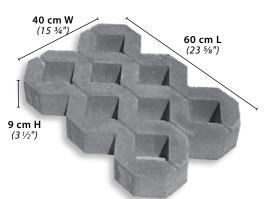
TERRACES







STREETS WALKWAYS



COLUMBIA SLATE*

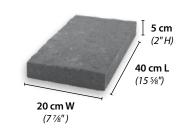




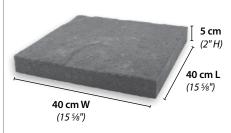
PATIOS

WALKWAYS

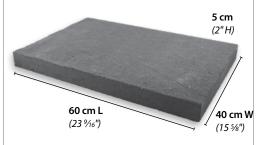
Rectangle



Square



Large Rectangle







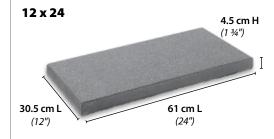


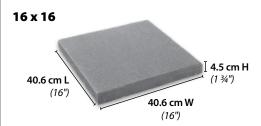
VANCOUVER BAY*

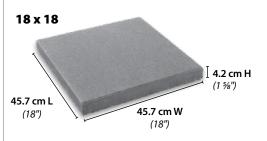


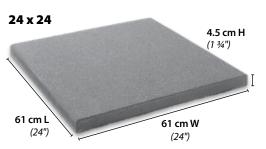


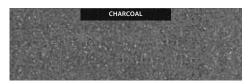
WALKWAYS PATIOS















SLATONTM*





PATIOS

WALKWAYS

SIX FACE OPTIONS



* Not suitable for vehicular traffic.





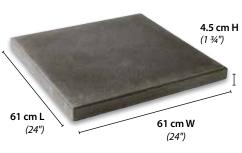
UTILITY NON-SKID*



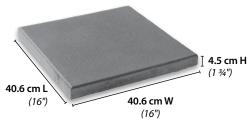


WALKWAYS

24 x 24



18 x 18 Utility Non-Skid









ROMAN CYPRESS™

MAXIMUM HEIGHT: 4'









TERRACES

PLANTERS

RETAINING WALLS

STAIRS

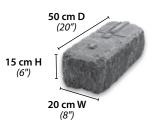
Standard Unit



Tapered Unit



Corner Unit







ROMANSTACK®





4 x 8 Unit



4 x 8 Cap



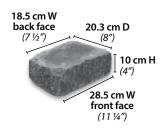
Ashlar 4 x 12 Unit



Ashlar 4 x 12 Cap



Corner Unit



8 x 8 Jumbo Unit













CYPRESSSTONE™









TERRACES

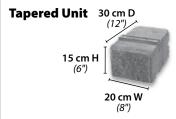
PLANTERS

RETAINING WALLS

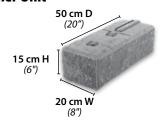
STAIRS

Standard Unit





Corner Unit













COPING & CAPS[†]









- † Sold in pairs.
- * Harvet Blend is only available in 12" coping.

Revers-a-Cap[†]









† Sold in pairs.

STACKSTONE®

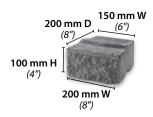
MAXIMUM HEIGHT: 2'



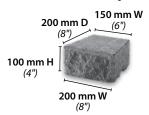


PLANTERS

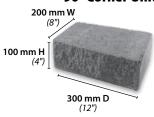
4 x 8 Unit



4 x 8 Cap Unit



90° Corner Unit



















RETAINING WALL INSTALLATION

TOOLS NEEDED:

- ► Gloves & Safety Glasses
- ► Wheelbarrow
- ► String Line & Wood Stakes
- Shovel & Level
- ► Plate Compactor or Hand Tamper
- ▶ Mallet & Chisel

STEP 1:

First mark the area of the wall with chalk or spray paint. Dig out a trench that is a minimum of 2"-4" deep plus one inch for every foot of wall height (Photo A).

Allow 6"-8" of space behind the wall for $\frac{3}{4}$ " drain rock (this means your trench is a minimum of 12"). Roots and big rocks should be removed from the trench.

When the trench is dug out, put 3" of 1/2, minus or 1/4 minus crushed rock in the trench (Photo B). Tamp (compact) the base and level it front to back and side to side (Photo C).







STEP 2:

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.

Tip: Begin laying block at the lowest point of the wall. It is also easier to start at a straight part of the wall.

Complete the base course before proceeding to the second course.

Be aware that lipped blocks have a set back so when curves are laid out, space the base course block apart slightly to allow for their set back. If using RomanStack® units, there is no set back and blocks will stack vertically.



STEP 3:

Start placing the second course. Center each unit on the seams of the first course.

If using ManorStone, CottageStone or VineyardStone the connecting lip should be pointed down to overhang the back edge of the base units (Photo D).

If using RomanStack units the bottom groove should be fitted over the tongue on the base units (Photo E).





RETAINING WALL INSTALLATION, CONT.

STEP 4:

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.

Pound the chisel with a three pound sledge on the score line until the unit splits. Always wear eye protection when splitting blocks.

If many cuts are required, you might consider renting a wet saw.



STEP 5:

After each course is laid, backfill behind wall with washed 3/4" gravel or drain rock (Photo F).

This step is important to help drainage and to prevent soil from leaching through the wall face. For an additional safeguard, landscape fabric may also be used between the backfill and the drain rock.

To help drainage behind taller walls, perforated flexible drainpipe can be used (Photo G).

Slope gravel behind wall so that the pipe laid behind the wall slopes 1" for every 4' toward the desired run-off area.





STEP 6:

If using RomanStack units, place the final layer using cap units for a finished look (Photo H). For CottageStone, ManorStone and VineyardStone, place the final layer.

An option for finishing the wall is to secure the top course with construction adhesive.

Apply a bead of adhesive with a caulking gun.

Lay the top course down on the bead and press

Finish back filling behind the wall (Photo I).





PAVER & PATIO STONE INSTALLATION

TOOLS NEEDED:

- ► Gloves & Safety Glasses
- String Line & Wood Stakes
- ► Wheelbarrow
- ► (2)10' lengths of 1"electrical conduit ► Plate Compactor
- ▶ Rake & Broom

- Shovel & Level
- Mallet & Chisel
- ► (1) 8' straight 2x4

MATERIALS NEEDED:

- ▶ Base Rock: 1 1/3 cubic yards per 100 sq. ft. or 7 bags of Base Rock (1/2 cu. ft. bags) per 10 sq. ft. for a 4" layer.
- Paver Base Sand: 1/2 cubic yard per 100 sq. ft. (or 1.5 bags of All Purpose Sand per sq. ft.–80 lb. bags) for a 1" layer.
- ▶ Joint Sand: 180 lb. bag Paver Joint Sand per 150 sq. ft. (you may also use your base sand to fill the joints).
- ► Edge Restraint: Purchase enough Barrier Edging for your project (80" per piece) along with landscape spikes for every 18".



STEP 1:

Mark your project area with wooden stakes and string lines where paver height is desired. Remove the sod and dig out the area to at least 7 $\frac{1}{2}$ " below string line.



Place $\frac{5}{6}$ minus or $\frac{3}{4}$ minus crushed rock for your sub-base. Bring the crushed rock up to $3\frac{1}{2}$ " below your string line - the rock should be at least 4" deep in all places. Level and compact crushed rock using a plate compactor.* This procedure provides a level surface upon which the sand base is laid, and is very important to the quality of the finished pavement.



Install the first edge restraint starting at the corner: follow the edging manufacturer's recommendations for anchoring the edge in place (typically, use 10" landscape spikes spaced 18"-24" apart).



STEP 4:

Screed the bedding sand in place by using two 1" pieces of steel electrical conduit for spacing. Place them parallel to one another on the base, about 4' apart. Shovel coarse sand between the conduit and screed smooth over the conduit with a straight 2 x 4 (approx. 40 sq. ft. at a time).

Remove conduit and fill in voids (do not compact or walk on sand). Screed only as much sand as you can cover with pavers in one day. Sand left overnight or longer can become uneven or wet.



STEP 5:

Lay pavers in your desired pattern**. Start in corner of project and lay pavers outward in a triangular pattern. If cut pavers are necessary, you can use a guillotine cutter,* masonry saw,* or a hammer and chisel.

Measure over to your string every few feet to make sure that you are staying on track. You can tap pavers together using a rubber mallet, or you can leave a slight gap between them.



STEP 6:

Install remaining edge restraints. Vibrate the pavers into place using the plate compactor. Do not leave the compactor in one place too long, it can cause the pavers to compact unevenly or crack.

For patio stones, use a rubber mallet. DO NOT USE COMPACTOR WITH PATIO STONES AS IT WILL DAMAGE PATIO STONES.



Spread joint sand over the surface of your project. Sweep the sand diagonally into the joints between the pavers. Run the compactor diagonally to push sand up into joints and fall into joints too. Save the extra sand, you may want to sweep sand into your pavers again later to refill joints that rain and wind can displace.

- * Guillotine cutter, masonry saw and plate compactor can be rented at rental outlets.
- ** To achieve a consistent color blend, it is important that you mix pavers from multiple pallets together as you lay your design.

FREQUENTLY ASKED QUESTIONS

How do I order Mutual Materials' products that my home store doesn't stock?

Most stores have a Special Order program for non-stock items. Please check with a store representative for product availability in your area.

Can I install my own project even if I've never done this sort of work before?

Yes you can. Use the installation instructions in this catalog and the design ideas and tips on our website www.mutualmaterials.com to guide your project.

What type of maintenance do Mutual Materials' pavers require?

Our pavers require minimal maintenance. Simply pressure wash or use a leaf blower on your project approximately once per year. You may need to sweep more sand into the joints after pressure washing.

Do I need to seal my pavers?

No. However, sealers do offer 3 key benefits:

- 1) Sealers help resist penetrating stains.
- 2) Sealers enhance the color.
- 3) Certain types of sealers can bind the sand particles in the joints reducing the ability of weeds to generate.

Will weeds grow between my pavers?

Weeds and grass may start to grow between your pavers from seeds and spores blown in by the wind. When this happens you can easily pull them out or use a spot weed killer, or herbicide - it won't damage the pavers.

What is the white haze or powder on the pavers?

This is known as efflorescence. All concrete products contain cement which produces water-soluble calcium oxide. Calcium oxide inside the pavers reacts with water and—when carried to the surface through capillaries—reacts with carbon dioxide to form a haze of calcium carbonate.

It is a natural process and will wear off in time. The amount of efflorescence is difficult to predict but it does eventually go away. Some speciallyformulated cleaners may also be used to wash away efflorescence.

What do I do if my pavers become stained?

One of the great benefits to concrete pavers is that the individual stained or damaged pavers can be removed and replaced. Remove the sand around the paver(s) and then use two flat-head screwdrivers to lift them out. It's a good idea to keep a few extra pavers in your shed or garage for just this need.

How tall can I build my retaining wall?

The maximum height you can build your wall depends on the retaining wall block you have chosen. The maximum heights for our walls are:

- Roman Cypress and CypressStone 4' 0" plus engineered heights
- ♦ RomanStack 2' 0"
- ♦ StackStone 2' 0"

Do I have to bury part of the bottom course of my wall?

Retaining wall blocks need to be securely anchored in the ground. If your wall is three (3) courses or fewer tall, we recommend you bury half of the bottom layer. If your wall is four (4) courses or more tall (up to the maximum recommended height), we recommend burying the entire bottom layer.

If I'm building terraces, how far apart should they be?

The distance between terraces (face of wall to face of wall) should be at least two times the lower wall height. For example, if your lower wall is 2 feet tall, you need to go back 4 feet before building your next wall.

What are the advantages of Mutual Materials retaining wall blocks versus using landscape timbers?

Our retaining wall units are available in a variety of styles and colours to blend with your home's exterior. And unlike products made from untreated wood which rot, warp, and become insect and rodent motels, our products are made to be durable, flexible and timeless.

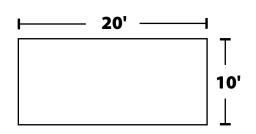
Will the color vary between runs of products?

Color may vary from one run to the next. It is best to buy all the product for a project at once. We recommend mixing product from different pallets in order to get a more consistent color in your project. This is also known as blending pallets.

PAVING STONE PROJECT

STEP A: Find total square footage

- 1. Make a drawing of your project (to 1 inch scale if possible).
- 2. Choose your stone shape and color.
- 3. Find the total square footage of your project using Step B below.
- 4. Locate stones per square feet on the product data page.



STEP B: Formula to determine stones for the project

1. Multiply the length by the width to get the total square footage of the project.	
1. Multiply the length by the width to get the total square lootage of the project.	

Length in feet X	Length in fee	et = Total square feet

2. Multiply the total square footage of the project by stones required per square feet.

Sq. ft. X	stones per square feet =	Total stones needed
(calculated above)	(calculated per product data sheet)	

RETAINING WALL PROJECT

How many stones do I buy?

(4" x 8" StackStone® or RomanStack®)

		Wall Length			
Max Height = 2' 0"		8" F	aces	Alternating 8" & 6" Faces	
Wall Height	Courses	10 ft	25 ft	10 ft	25 ft
8"	2	30	75	34	85
1' 0"	3	45	113	51	128
1' 4"	4	60 150		68	170
1' 8"	5	75 188		85	213
Caps Needed	Top Course	17	43	17	43

How many stones do I buy?

(6" x 8" CypressStone™ or Roman Cypress)

3 blocks per sq ft, 12" Caps (3" high x 24" long)

		Wall Length			
Max Heigl	6	" x 8" Face	es		
Wall Height	Courses	10 ft	20 ft	30 ft	
6"	1	15	30	45	
1'0"	2	30	60	90	
1'6"	3	45	90	135	
2' 0"	4	60	120	180	
2" 6"	5	75	150	225	
3' 0"	6	90	180	270	
3' 6"	7	105	210	315	
4' 0"	8	120	240	360	
Caps Needed	Top Course	5	10	15	

PROJECT WORKSHEETS

