



RESOURCE & INSTALLATION GUIDE



WillowCreekPavingStones.com

PAVER INSTALLATION GUIDE



figure 1



figure 2

EXCAVATING

Call 8-1-1 to identify underground cables/pipes in or near the area. Mark the project perimeter with spray paint. Excavate beyond the perimeter by a distance equal to the depth of the required base (see overbase in cross section on back cover). Then continue excavating until the total depth equals the required compacted base (4"-6" for foot traffic or 10"-12" for vehicular traffic) plus the 1" of bedding sand and the thickness of the pavers (figure 1 and cross section). Final grade should slope away from building foundation by a minimum 1/8" per foot for proper drainage.



Know what's below.
Call before you dig.

Willow Creek Underlayment Fabric is recommended under the aggregate base for some soil conditions, such as poorly drained clay or silt. It keeps the soil sub-base and aggregate base separate to prevent mixing of soil and aggregate, which would weaken the base. Place fabric on the excavated area and up the sides.



figure 3



figure 4

COMPACTING AGGREGATE BASE

Use a tamper or vibrating plate compactor to compact loose soil in the excavated area. Install a string line and pound several wooden grade stakes along it, so that the top of the stakes will be level with the top of the base material (figure 2). Place and compact uniform aggregate base layers in the excavated area until the required depth and slope are achieved (figures 3 and 4). Use a plate compactor for best results (figure 5). Before compacting, slightly moisten dry aggregate base material and compact in layers of no more than 4". Start compacting at the perimeter and work toward the center, overlapping each previous pass. Make at least two passes for a smooth base.

PAVER INSTALLATION GUIDE



figure 5

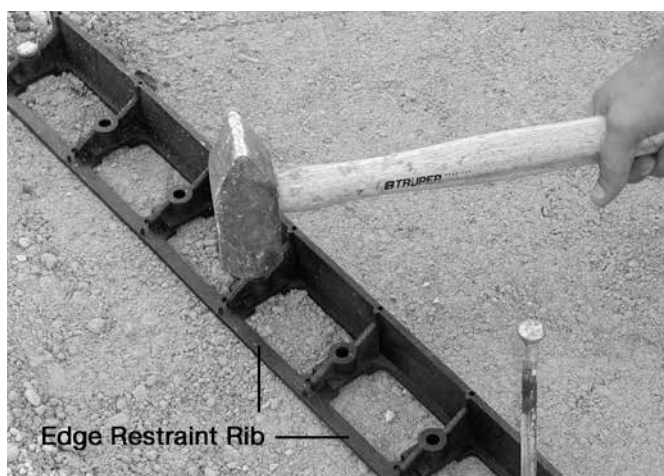


figure 6

INSTALLING EDGE RESTRAINTS

Prior to spreading bedding sand, install edge restraints on top of the aggregate base on all unrestrained edges of the project to prevent paver shift and ensure interlock (figure 6). Edging should be installed on one or two sides of the project. (After spreading and screeding the bedding sand, start placing pavers along the longest straight edge. After all pavers are laid, install the remaining edging.) Install edging by starting at one end and drive the first spike into the edge restraint connector. Continue to drive spikes at no less than 18" intervals. Lay the next section of edge restraint; then drive another spike into this connector. Continue to drive spikes at intervals of no less than 18". Edge restraint ribs can be cut to allow bending of the restraints for curved edges. **Note:** Circlestone has concentric rings of pavers placed around a center unit. After installing all Circlestone, place restraints around the perimeter. See diagram on page 10 for proper placement of Circlestone.



figure 7



figure 8

SETTING SCREED RAILS

Set 1" (OD) screed rails on the wooden grade stakes, which should be placed parallel and spaced apart less than the length of your screed tool (figures 7 and 8). Then check grade so that the top of the rails will be level with the top of the bedding sand (figure 8) and determine the slope of the paver surface.

SCREEDING SAND BED

Spread sand around and between the rails to form the bedding course. Screed the sand by pulling a straight-edge across the top of the rails (figure 8), and then remove the rails. Fill and level the voids left by the rails.

PAVER INSTALLATION GUIDE



figure 9



figure 10

LAYING PAVERS

Lay the first pavers against the longest straight section (building foundation or edge restraint). Select pavers at random from different pallets for good color distribution. If possible, start at the low end of the slope and work uphill to prevent shifting. Use string lines to keep rows straight. Set the pavers carefully into the sand next to each other; do not press or hammer them (figure 9). The spacer bars on the pavers will ensure proper spacing. Continue adding pavers until project is complete.

CUTTING PAVERS

Pavers can be cut for curves, corners and angles, to go around objects or fill gaps in patterns. For best results, mark and then cut using a saw equipped with a diamond-tip blade (figure 10). A guillotine splitter or mallet/chisel also may be used. Where gaps are less than 3/8", it is acceptable to fill with joint sand.



figure 11

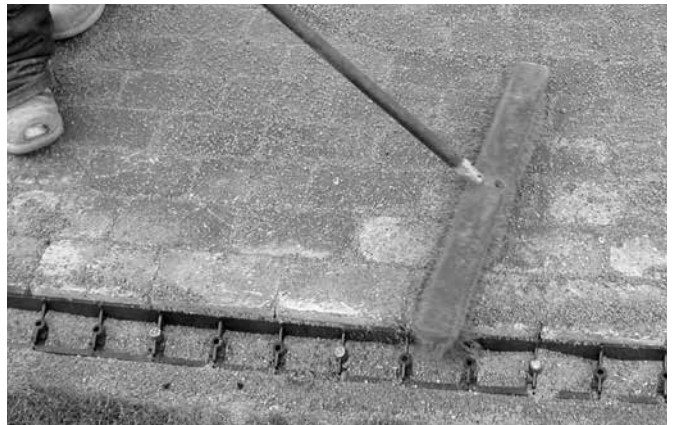


figure 12

COMPACTING PAVERS

Finish installation of edge restraints. Then sweep the surface to remove debris. Starting on the perimeter and working towards the center, make two surface passes with the plate compactor to embed pavers into the sand (figure 11). (See ⚠ at the bottom of page 6 about using protective pads.) Make final adjustments in alignment or leveling at this time.

SWEEPING JOINT SAND

Sweep dry joint sand over the pavers, working it into the joints with a push broom (figure 12). When desired, use polymeric sand to prevent loss due to water or erosion and to inhibit weeds. Install polymeric sand per manufacturer's instructions. After joint sand is worked into the joints, make at least two more passes over the finished installation with a plate compactor. Make the second pass at an angle to the first. This will level the surface, firmly set pavers into the bedding sand, and force joint sand into the joints for proper interlock. Sweep off excess sand.

DEKRASTONE

Willow Creek Dekrastone™ pavers provide a stunning, contemporary choice for your paving stone projects. A smooth, flat surface and rounded edge give Dekrastone pavers a modern, streamlined look. At 7cm thick, these pavers are as durable as they are attractive. Dekrastone pavers are manufactured using Willow Creek's proprietary Infusion™ technology, which enhances the paver's performance and appearance. Use Dekrastone to create beautiful patios, walkways, driveways and more. Select contrasting Dekrastone colors to serve as edging in your project or to complement Willow Creek's other Select Series pavers, including Slatestone™, Slatestone Grande™ and Eurostone™. Dekrastone pavers are ideal for both standard and permeable installations.




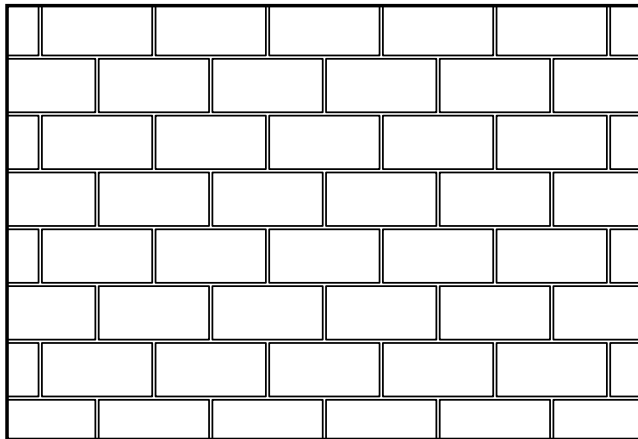
To avoid scuffing the surface of the pavers, it is recommended that compactors be fitted with protective pads.

Select
Series

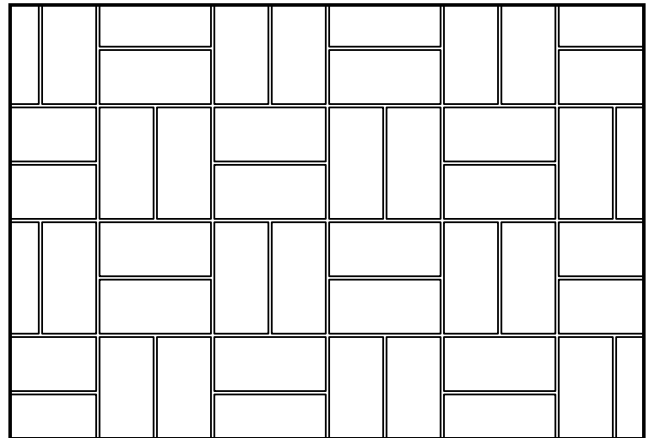
INFUSION
TECHNOLOGY™
By Willow Creek

Willow Creek
Durable Pavement

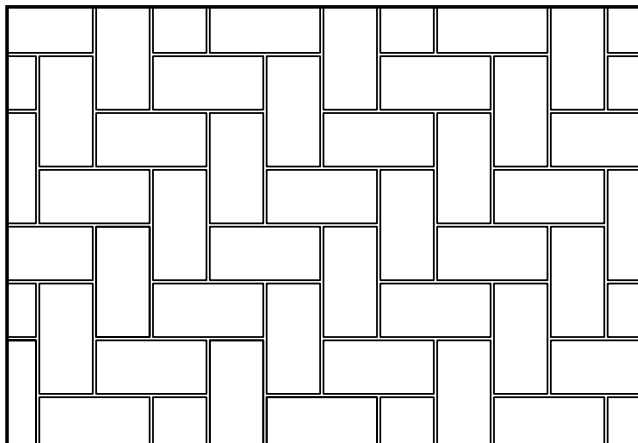
DEKRASTONE			Sq. Ft. Paver	Pavers Sq. Ft.	Bands Pallet	Layers Pallet	Pavers Band	Sq. Ft. Band	Lbs. Band	Pavers Pallet	Sq. Ft. Pallet	Lbs. Pallet
	DEKRASTONE	2¾" (7cm) (4¾" x 9½")	0.31	3.23	5	8	56	17.36	549.45	280	86.8	2747



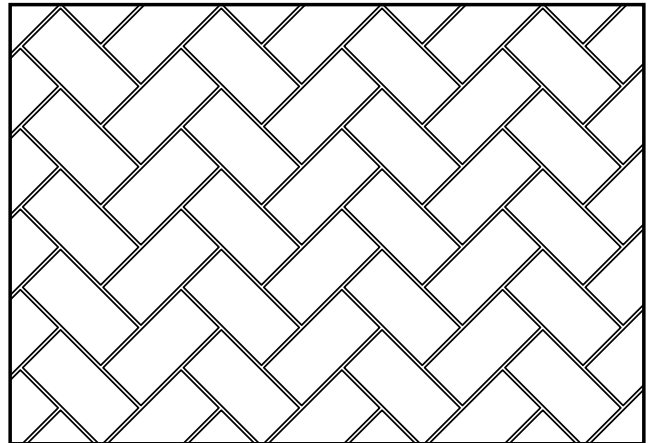
Running Bond



Basket Weave



Herringbone



Diagonal Herringbone

NOTE: Shown here are just a few of the many patterns that you can create with Willow Creek pavers. To estimate the materials you will need, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

SLATESTONE & SLATESTONE GRANDE

Conveying an elegance that is sure to impress, Willow Creek's Slatestone™ and Slatestone Grande™ 6cm and 7cm pavers are as durable as they are beautiful. Slatestone and Slatestone Grande comprise five shapes that work together to make installation a snap. With simple repeating patterns, Slatestone and Slatestone Grande deliver a random, natural appearance that is perfect for patios, walkways and pool decks as well as vehicular applications (7cm thick) such as driveways. Slatestone and Slatestone Grande pavers are manufactured using Willow Creek's proprietary Infusion™ technology, which enhances the paver's performance and appearance. The large surface area makes it easy to install for professionals and homeowners alike. Slatestone and Slatestone Grande pavers are ideal for both standard and permeable applications.

Select
Series

INFUSION
TECHNOLOGY™
By Willow Creek

Willow Creek
Permeable Pavers



Slatestone Pavers



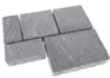

5 x 9
4.72" x 9.45"



9 x 9
9.45" x 9.45"



9 x 14
9.45" x 14.17"

SLATESTONE SLATESTONE SMOOTH			Willow Creek Permeable Pavers		Layers Pallet	Sq. Ft. Layer	Lbs. Layer	Sq. Ft. Pallet	Lbs. Pallet
Random Bundles									
	SLATESTONE	2 5/8"	(6cm)		8	11.16	292	89.28	2335
	SLATESTONE	2 3/4"	(7cm)		8	11.16	353	89.28	2825
	SLATESTONE GRANDE	2 5/8"	(6cm)		7	12.40	339	86.80	2370
	SLATESTONE GRANDE	2 3/4"	(7cm)		7	12.40	400	86.80	2798

Slatestone Grande Pavers



9 x 18
9.45" x 18.90"



14 x 18
14.17" x 18.90"

Slatestone pavers (2:2:1 ratio) are sold in random bundles only. The 2:2:1 paver ratio lets you create a random appearance with a repeating 5-paver group, simplifying installation.

Slatestone Grande pavers (1:1 ratio) are sold in random bundles only. The 1:1 paver ratio lets you create a herringbone pattern.

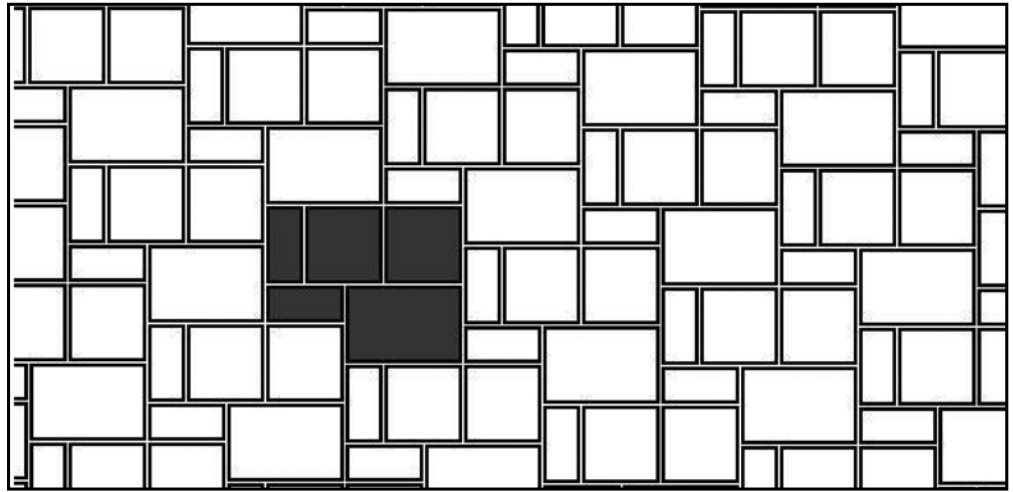


To avoid scuffing the surface of the pavers, it is recommended that compactors be fitted with protective pads.

SLATESTONE PATTERNS

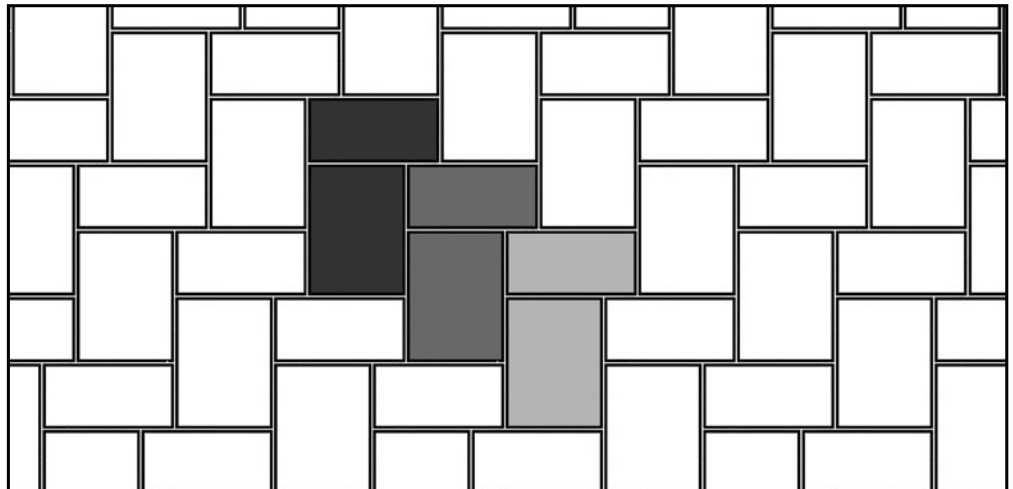
Slatestone Random

2:2:1 ratio (on pallet)



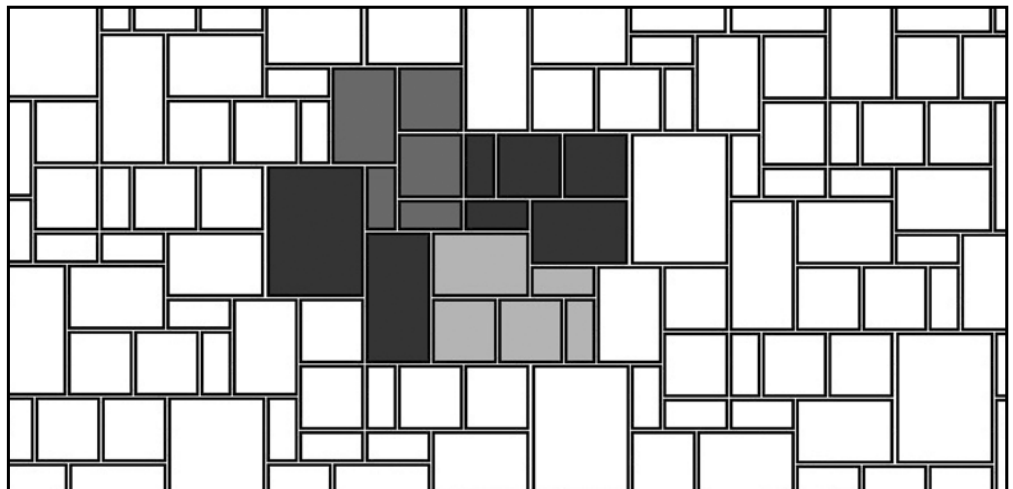
Slatestone Grande

1:1 ratio (on pallet)



Slatestone & Slatestone Grande

Combination



73% Slatestone and 27% Slatestone Grande

NOTE: Shown here are just a few of the many patterns that you can create with Willow Creek pavers. To estimate the materials you will need, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

EUROSTONE


Willow Creek's Eurostone™ pavers convey the enduring beauty of traditional European cobblestones. At 7cm thick, Eurostone pavers are as durable as they are attractive. Eurostone comprises three shapes that work together to make installation a snap. With a simple, repeating pattern you can create patios, driveways and walkways that have a random, natural appearance. Eurostone pavers are manufactured using Willow Creek's proprietary Infusion™ technology, which enhances the paver's performance and appearance. Select contrasting Eurostone colors to serve as edging in your project or to complement Willow Creek's other Select Series pavers, including Slatestone™, Slatestone Grande™ and Dekrastone™. Eurostone pavers are idea for both standard and permeable applications.

Select
Series

INFUSION
TECHNOLOGY™
By Willow Creek

Willow Creek
Permeable Pavers



EUROSTONE Random Bundles			Layers Pallet	Sq. Ft. Layer	Ln. Ft. Layer	Ln. Ft. Pallet	Sq. Ft. Pallet	Lbs. Pallet
	EUROSTONE	2¾" (7cm)	8	10.54	28.35	226.77	84.32	2500

Eurostone Pavers



Small
4.72" x 6.30"



Medium
4.72" x 9.45"

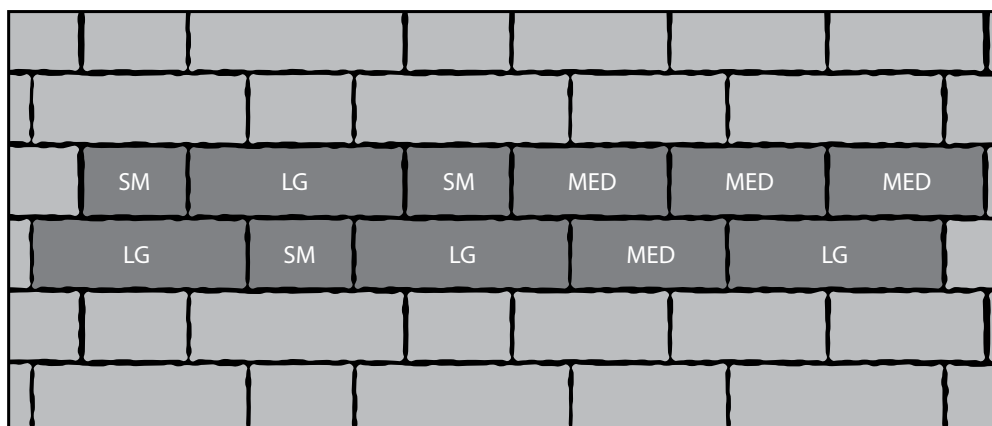


Large
4.72" x 12.60"

All three sizes are packaged on the same pallet in a 3:4:4 ratio.



To avoid scuffing the surface of the pavers, it is recommended that compactors be fitted with protective pads.




Install Eurostone pavers randomly or simplify installation by repeating the 11-paver pattern shown above (3:4:4 ratio) to create a random appearance.

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TEKSTONE

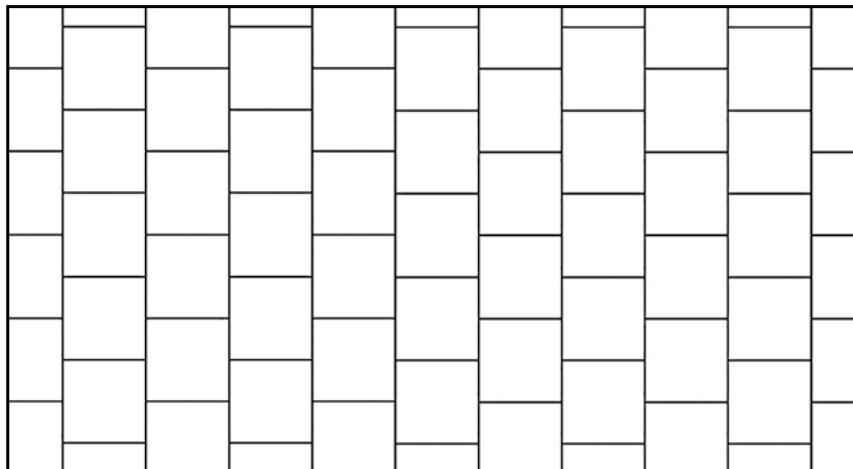
Willow Creek Tekstone™ pavers offer a sleek, contemporary choice for paving stone projects. A smooth, flat surface and chamfered edge give Tekstone 12 x 12 pavers a modern, streamlined look. These large 6cm pavers (12.50" x 12.50") are engineered to meet performance standards and aesthetic demands of landscape professionals, yet are easy to install for homeowners too. Use Tekstone to create beautiful patios, courtyards, walkways and more. Select contrasting Tekstone colors to create unique patterns such as a checkerboard or to incorporate a wide, contrasting accent of color or texture with other Willow Creek pavers.



TEKSTONE			Sq. Ft. Paver	Pavers Sq. Ft.	Bands Pallet	Layers Pallet	Pavers Band	Sq. Ft. Band	Lbs. Band	Pavers Pallet	Sq. Ft. Pallet	Lbs. Pallet
	TEKSTONE	2 ³ / ₈ " (6cm) (12 ¹ / ₂ " x 12 ¹ / ₂ ")	1.08	.92	4	7	21	22.68	631	84	90.72	2525

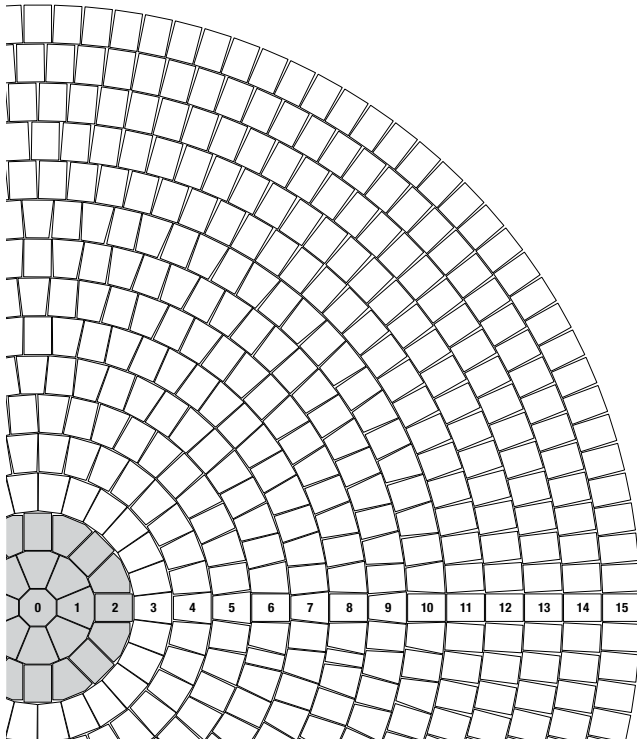


To avoid scuffing the surface of the pavers, it is recommended that compactors be fitted with protective pads.



NOTE: Shown here are just a few of the many patterns that you can create with Willow Creek pavers. To estimate the materials you will need, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

CIRCLESTONE



SOME HELPFUL HINTS

Area of circle = diameter squared ____ x 0.7854

or radius squared ____ x 3.1416

Circumference of a circle = diameter x 3.1416

EXAMPLE: For a 6-foot-diameter circle:

Calculate Area =

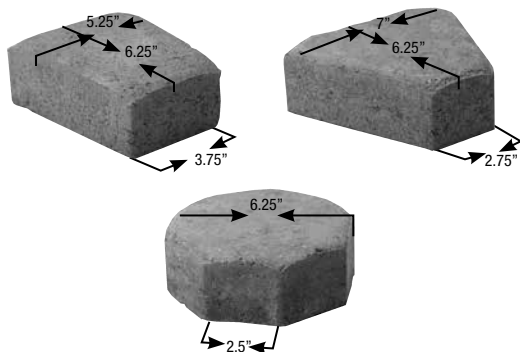
$$6' \times 6' \times 0.7854 = 28.3 \text{ square feet (using diameter)}$$

or

$$3' \times 3' \times 3.1416 = 28.3 \text{ square feet (using radius)}$$

Calculate Circumference =

$$6' \times 3.1416 = 18.8 \text{ linear feet around circle}$$



STEP 1 Determine your circle diameter.

STEP 2 Using the table on page 11, read across the line of the appropriate row/diameter to calculate product order quantities needed in addition to the starting Center Pack. The prepackaged Center Pack must be ordered for all circles except when installing a firepit. Shaded portions of the illustration represents materials provided in the Center Pack.

EXAMPLE: Construction of a 14-foot-diameter circle (13 rows) requires 1 Center Pack plus 1 pallet and 1 band of 3/4 Stones, and 1 pallet of Large Circle.

INSTALLATION NOTE: When installing a row of Circlestone containing more than one component type, alternate components throughout row.

INSTALLING A LEDGESTONE FIRE RING KIT

When installing a circle with a Ledgestone Fire Ring Kit in the center, simply omit the Center Pack and row 3. A Ledgestone Fire Ring Kit includes a metal fire ring with optional swing-away grate and 54 pieces of Ledgestone Tapered units.

1. Ensure that you have ample drainage inside the ring.
2. Use concrete adhesive to secure the Ledgestone Tapered units encircling the firepit.
3. Please use the table on the next page for quantities when ordering Willow Creek pavers.



Shown with optional Capstone™ Fire Ring Cap.



To avoid scuffing the surface of the pavers, it is recommended that compactors be fitted with protective pads.

NOTE: Shown here are just a few of the many patterns that you can create with Willow Creek pavers. To estimate the materials you will need, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

CIRCLESTONE ORDERING GUIDE







CIRCLE DIMENSIONS				CIRCLE COMPONENTS							ORDER QUANTITIES			
ROWS	Diameter in Inches	Diameter in Feet	Square Feet	Center	Small Circle	6 x 3	3/4 Stone	Large Circle	6 x 6	6 x 9	3/4 Stone	Large Circle	6 x 6	6 x 9
0	6.5	0.5	0.2	1							*Center Pack (includes 3 - 6" x 3" pavers, two for row 6 and one for row 8)			
1	19.5	1.6	2.0		8									
2	32.0	2.7	5.7		8		8							
3	44.5	3.7	10.8					26				1 band		
4	57.5	4.8	18.0					34				2 bands		
5	70.0	5.8	26.4				21	21			1 band	3 bands		
6	83.0	6.9	37.4			2*	24	26			1 band	3 bands		
7	96.0	8	50.3				30	30			2 bands	4 bands		
8	108.5	9	63.6			1*	33	34			2 bands	5 bands		
9	121.0	10.1	80.1				38	38			3 bands	6 bands		
10	133.5	11.1	96.8				42	42			3 bands	1 pallet		
11	146.0	12.2	116.9				90				5 bands	1 pallet		
12	158.5	13.2	136.8				97				6 bands	1 pallet		
13	171.0	14.3	160.6				106				1P + 1B	1 pallet		
14	183.5	15.3	183.2				115				1P + 3B	1 pallet		
15	196.0	16.3	208.5				124				1P + 5B	1 pallet		
16	208.5	17.4	237.7				132				2 pallets	1 pallet		
17	221.0	18.4	265.8				140				2P + 2B	1 pallet		
18	233.5	19.5	298.5						117		2P + 2B	1 pallet	3 bands	
19	246.0	20.5	329.9				2		122		2P + 2B	1 pallet	6 bands	
20	258.5	21.5	362.9						130		2P + 2B	1 pallet	1P + 1B	
21	271.0	22.6	400.9						136		2P + 2B	1 pallet	1P + 5B	
22	283.5	23.6	437.2				1		142		2P + 2B	1 pallet	2P + 1B	
23	296.0	24.7	478.9						149		2P + 2B	1 pallet	2P + 4B	
24	308.5	25.7	518.5						155		2P + 2B	1 pallet	3P + 1B	
25	321.0	26.8	563.8						161		2P + 2B	1 pallet	3P + 4B	
26	333.5	27.8	606.7						168		2P + 2B	1 pallet	4P + 1B	
27	346.0	28.8	651.1						174		2P + 2B	1 pallet	4P + 5B	
28	358.5	29.9	701.8						180		2P + 2B	1 pallet	5P + 2B	
29	371.0	30.9	749.5						1	124	2P + 2B	1 pallet	5P + 2B	3 bands
30	383.5	32.0	803.8							129	2P + 2B	1 pallet	5P + 2B	1P + 1B
31	396.0	33.0	854.9							133	2P + 2B	1 pallet	5P + 2B	1P + 4B
32	408.5	34.0	907.5				1			137	2P + 2B	1 pallet	5P + 2B	2P + 2B
33	421.0	35.1	967.1						1	141	2P + 2B	1 pallet	5P + 2B	3 pallets
34	433.5	36.1	1023.0							145	2P + 2B	1 pallet	5P + 2B	3P + 3B
35	446.0	37.2	1086.3							150	2P + 2B	1 pallet	5P + 2B	4P + 2B
36	458.5	38.2	1145.5							154	2P + 2B	1 pallet	5P + 2B	5 pallets
37	471.0	39.3	1212.4			1				158	2P + 2B	1 pallet	5P + 2B	5P + 4B
38	483.5	40.3	1274.9						1	162	2P + 2B	1 pallet	5P + 2B	6P + 2B
39	496.0	41.3	1339.0						1	166	2P + 2B	1 pallet	5P + 2B	7P + 1B
40	508.5	42.4	1411.2						1	170	2P + 2B	1 pallet	5P + 2B	8 pallets
41	521.0	43.4	1478.6						1	174	2P + 2B	1 pallet	5P + 2B	8P + 4B
42	533.5	44.5	1554.5						1	178	2P + 2B	1 pallet	5P + 2B	9P + 3B
43	546.0	45.5	1625.1						1	182	2P + 2B	1 pallet	5P + 2B	10P + 2B
44	558.5	46.5	1697.4						1	186	2P + 2B	1 pallet	5P + 2B	11P + 1B
45	571.0	47.6	1778.6						1	190	2P + 2B	1 pallet	5P + 2B	12 pallets
46	583.5	48.6	1854.1						1	194	2P + 2B	1 pallet	5P + 2B	12P + 4B
47	596.0	49.7	1939.0						1	198	2P + 2B	1 pallet	5P + 2B	13P + 4B
48	608.5	50.7	2017.8						1	202	2P + 2B	1 pallet	5P + 2B	14P + 3B
49	621.0	51.8	2106.3						1	206	2P + 2B	1 pallet	5P + 2B	15P + 3B
50	633.5	52.8	2188.5						1	210	2P + 2B	1 pallet	5P + 2B	16P + 2B
51	646.0	53.8	2272.1						1	214	2P + 2B	1 pallet	5P + 2B	17P + 2B
52	658.5	54.9	2366.0						1	218	2P + 2B	1 pallet	5P + 2B	18P + 2B
53	671.0	55.9	2453.0						1	222	2P + 2B	1 pallet	5P + 2B	19P + 2B
54	683.5	57.0	2550.5						1	226	2P + 2B	1 pallet	5P + 2B	20P + 2B
55	696.0	58.0	2640.7						1	230	2P + 2B	1 pallet	5P + 2B	21P + 2B
56	708.5	59.0	2732.6						1	234	2P + 2B	1 pallet	5P + 2B	22P + 2B
57	721.0	60.1	2835.4						1	238	2P + 2B	1 pallet	5P + 2B	23P + 3B
58	733.5	61.1	2930.6						1	242	2P + 2B	1 pallet	5P + 2B	24P + 3B
59	746.0	62.2	3037.0						1	246	2P + 2B	1 pallet	5P + 2B	25P + 3B
60	758.5	63.2	3137.1						1	250	2P + 2B	1 pallet	5P + 2B	26P + 1B

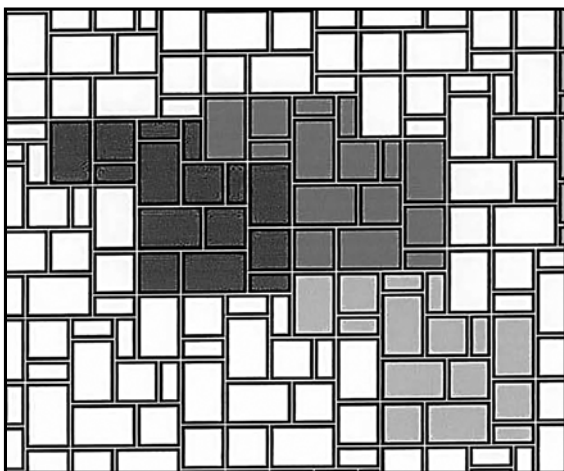
COBBLESTONE

Capture a venerable ambience with Willow Creek Cobblestone™ pavers for a distinctive paved surface that will age as gracefully as it performs. Cobblestone pavers consist of six unique shapes that can be artfully woven into an endless array of patterns. Whether in a synchronized or random arrangement, Cobblestone pavers ideally complement retaining walls and other landscaping features. At 6cm thick, Cobblestone's six shapes commonly are mixed, but are equally attractive when used individually. Cobblestone can be paired with Circlestone to incorporate a circular pattern in a Cobblestone paver surface.

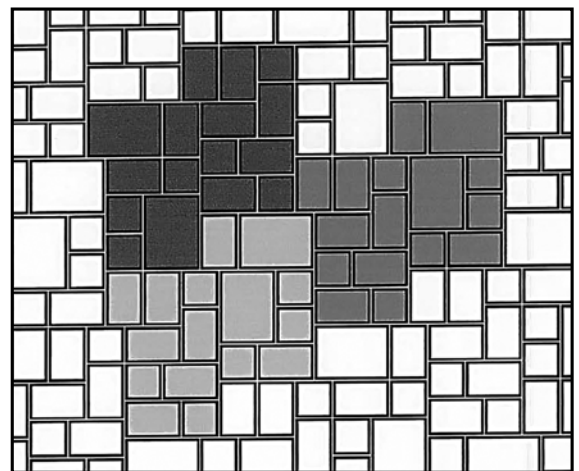


To avoid scuffing the surface of the pavers, it is recommended that compactors be fitted with protective pads.

COBBLESTONE			Sq. Ft. Paver	Pavers Sq. Ft.	Bands Pallet	Layers Pallet	Pavers Band	Sq. Ft. Band	Lbs. Band	Pavers Pallet	Sq. Ft. Pallet	Lbs. Pallet
	COBBLESTONE 6 x 3	2 $\frac{3}{8}$ " (6cm) (6 $\frac{1}{4}$ " x 3 $\frac{1}{8}$ ")	0.14	7.14	7	6	54	7.56	209	378	52.92	1463
	3/4 Stone	2 $\frac{3}{8}$ " (6cm) (4 $\frac{3}{4}$ " x 6 $\frac{1}{4}$ ")	0.21	4.76	7	9	63	13.23	364	441	92.61	2548
	6 x 6	2 $\frac{3}{8}$ " (6cm) (6 $\frac{1}{4}$ " x 6 $\frac{1}{4}$ ")	0.27	3.70	7	9	45	12.15	348	315	85.05	2436
	6 x 9	2 $\frac{3}{8}$ " (6cm) (6 $\frac{1}{4}$ " x 9 $\frac{3}{8}$ ")	0.41	2.44	5	9	45	18.45	521	225	92.25	2605
	9 x 12	2 $\frac{3}{8}$ " (6cm) (9 $\frac{3}{8}$ " x 12 $\frac{1}{2}$ ")	0.82	1.22	4	9	27	22.14	594	108	88.56	2376
	12 x 12	2 $\frac{3}{8}$ " (6cm) (12 $\frac{1}{2}$ " x 12 $\frac{1}{2}$ ")	1.08	.92	4	7	21	22.68	631	84	90.72	2525



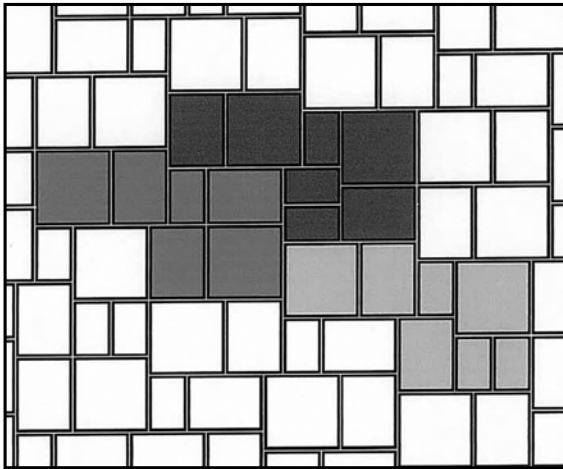
Random Pattern 3-a
17% 6 x 3, 33% 6 x 6, 50% 6 x 9



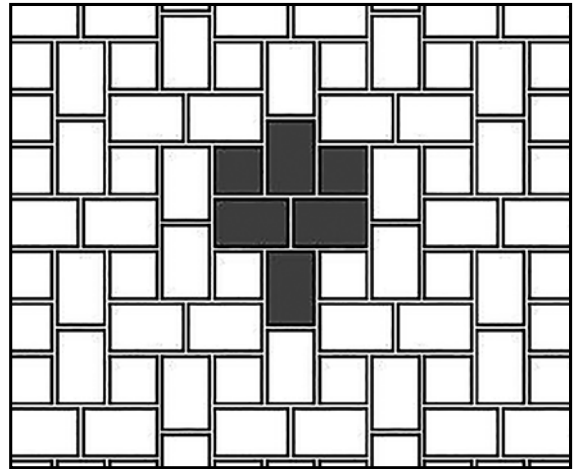
Random Pattern 3-b
25% 6 x 6, 50% 6 x 9, 25% 9 x 12

NOTE: Shown here are just a few of the many patterns that you can create with Willow Creek pavers. To estimate the materials you will need, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

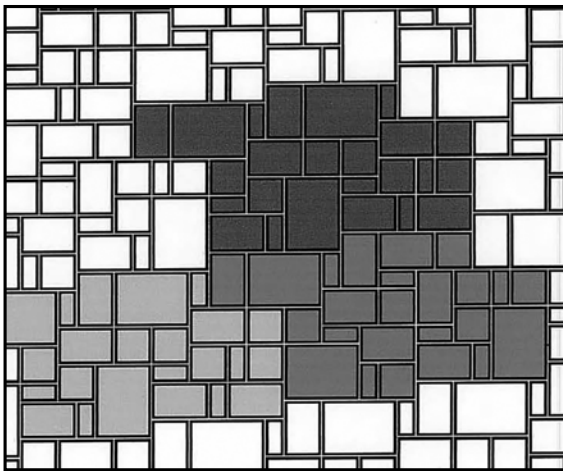
COBBLESTONE PATTERNS



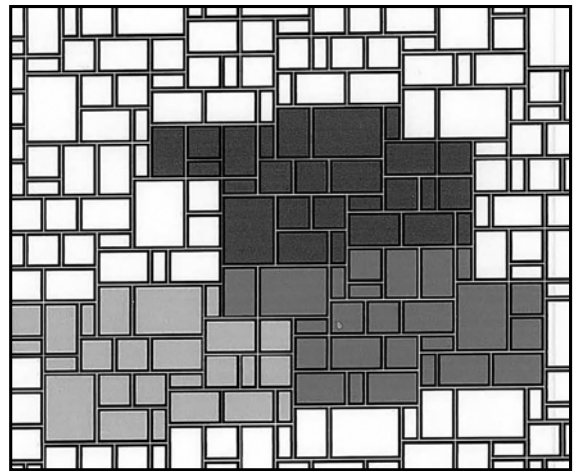
Random Pattern 3-c
13% 6 x 9, 42% 9 x 12, 45% 12 x 12



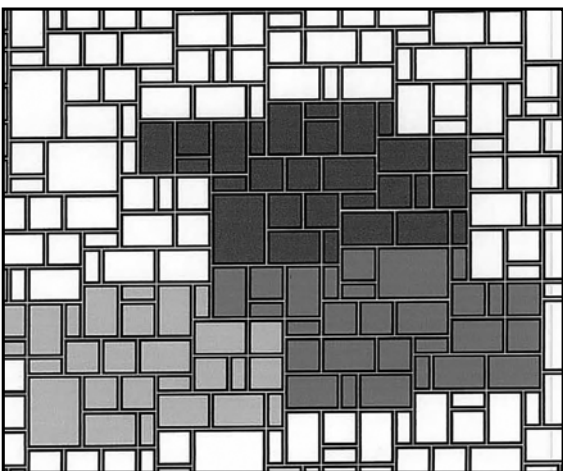
Basketweave Pattern 2-a
25% 6 x 6, 75% 6 x 9



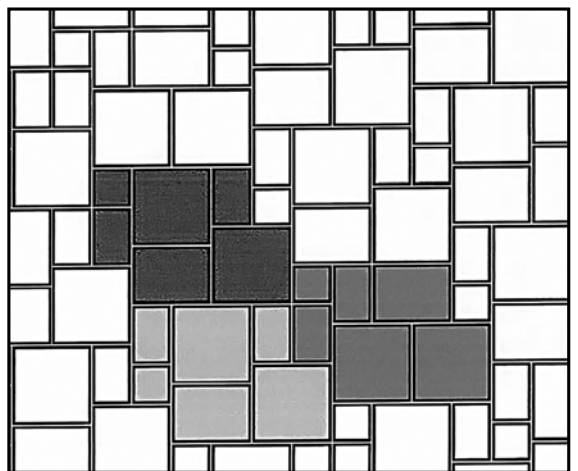
Random Pattern 4-b
12% 6 x 3, 23% 6 x 6, 35% 6 x 9,
30% 9 x 12



Random Pattern 4-c
14% 6 x 3, 26% 6 x 6, 40% 6 x 9,
20% 9 x 12



Random Pattern 4-d
15% 6 x 3, 30% 6 x 6, 45% 6 x 9,
10% 9 x 12





Random Pattern 4-e
7% 6 x 6, 20% 6 x 9, 20% 9 x 12,
53% 12 x 12

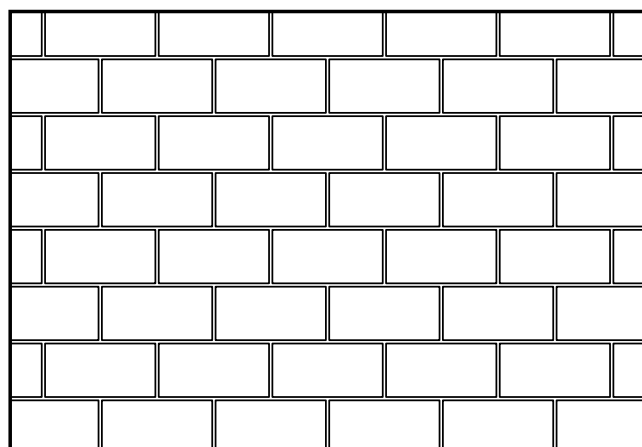
NOTE: Shown here are just a few of the many patterns that you can create with Willow Creek pavers. To estimate the materials you will need, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

BRICKSTONE

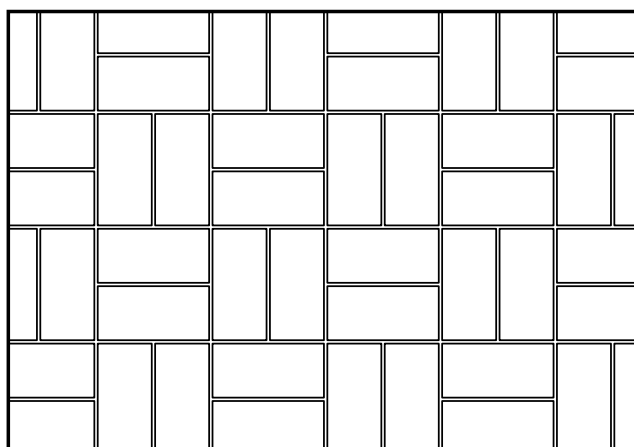
Willow Creek Brickstone™ pavers can recall the classic Americana look of brick-paved streets or complement the most contemporary architecture. With their simple rectangular shape, Brickstone pavers can be arranged in a variety of appealing patterns, such as herringbone. Available in 6cm and 8cm thicknesses, Brickstone can be used alone or as an accent with other Willow Creek pavers to incorporate a wide, contrasting accent of color or texture. Brickstone can be used in contrasting colors to define spaces, directional marking or other designs. Whatever the application — residential patio, traffic lane or grand promenade — Brickstone pavers outperform ordinary pavements in ruggedness and appearance.



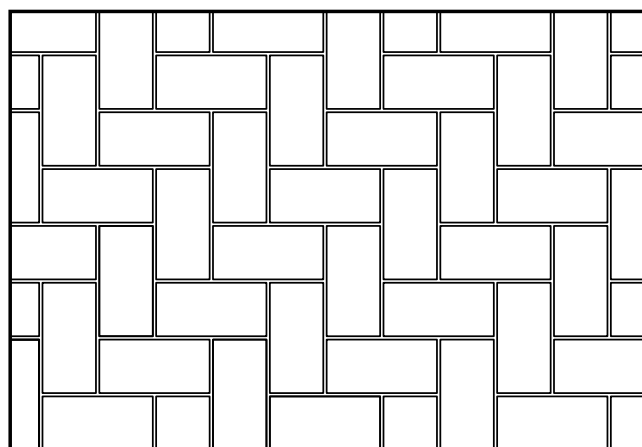
BRICKSTONE			Sq. Ft. Paver	Pavers Sq. Ft.	Bands Pallet	Layers Pallet	Pavers Band	Sq. Ft. Band	Lbs. Band	Pavers Pallet	Sq. Ft. Pallet	Lbs. Pallet
	BRICKSTONE 6cm	2 ³ / ₈ " (6cm) 4 x 8 (3 ¹ / ₂ " x 7 ⁷ / ₈ ")	0.22	4.55	6	9	72	15.84	448	432	95.04	2688
	BRICKSTONE 8cm	3 ¹ / ₈ " (8cm) 4 x 8 (3 ¹ / ₂ " x 7 ⁷ / ₈ ")	0.22	4.55	6	7	56	12.32	467	336	73.92	2800



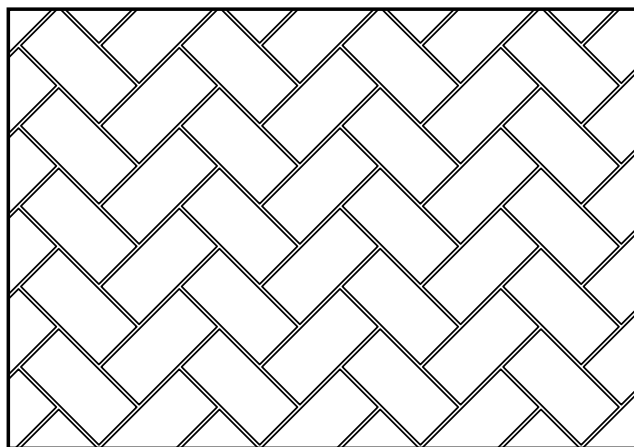
Running Bond



Basket Weave



Herringbone



Diagonal Herringbone

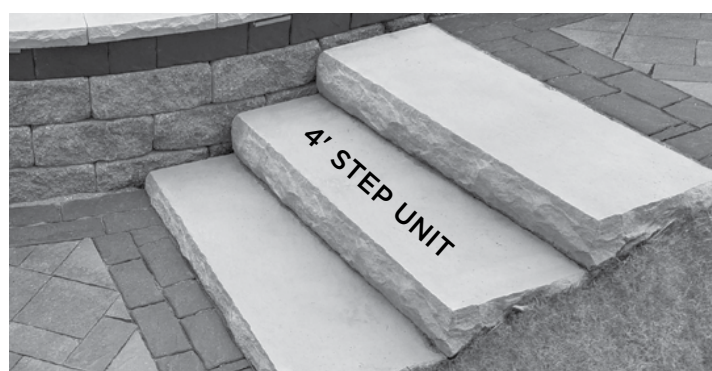


To avoid scuffing the surface of the pavers, it is recommended that compactors be fitted with protective pads.

NOTE: Shown here are just a few of the many patterns that you can create with Willow Creek pavers. To estimate the materials you will need, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

CAPSTONE

Willow Creek Capstone™ Column Caps, Fire Ring Caps and Coping bring a natural stone elegance to fire rings, landscape columns, freestanding walls, retaining walls and more. And that's at a fraction of the cost and weight of real stone, Capstone adds a beautiful finishing touch to your landscaping projects with its natural-looking chiseled edges and thermal-texture finish. Easily install Capstone products with concrete adhesive as you would with any other cap. Colors are integral throughout the units.



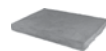





Capstone Square Column Caps are the perfect finishing touch for your landscape columns, freestanding walls with columns and more.

A **Capstone Fire Ring Cap** includes four 9½-inch-wide, easy-to-install, lightweight segments that are a useful and beautiful finishing element to the Ledgestone Fire Ring Kit.

Capstone Coping is available in three sizes: Universal Coping, End Coping and Runner Coping.

The **Capstone 4' Step Unit** makes it easy to create consistently level, flat, stair treads.



CAPSTONE UNITS			Ln. Ft. Unit	Lbs. Unit	Ln. Ft. Pallet	Unit Pallet	Lbs. Pallet
	SQUARE COLUMN CAP	24" x 24" x 2¼"	NA	110	NA	20	2240
	UNIVERSAL COPING	16"-14" x 12" x 2¼"	1.25	35	30	24	880
	END COPING	24" x 12" x 2¼"	2	55	32	16	920
	RUNNER COPING	24" x 12" x 2¼"	2	55	48	24	1360
	FIRE RING CAP	9½" Wide (4 sections per unit)	NA	220	NA	3	700
	4' STEP UNIT	48" x 6" x 18"	4	435	NA	8	3520

LEDGESTONE

Willow Creek Ledgestone™ stacks up as the most user-friendly landscaping system for building beautiful outdoor features including perimeter and seat walls, columns, raised gardens and more. Ledgestone features can be built easily by most do-it-yourselfers. Ledgestone walls are built with 4" x 8" x 12" units dry-stacked on a standard 6-inch leveling pad of compacted crushed-rock base material. Units are secured using concrete adhesive. Neither frost footings nor mortar are required. No special units are needed either. Solid Ledgestone units are easily modified with a masonry saw and can be configured in a variety of wall patterns.

Ledgestone is available in two finishes, Weathered and Smooth. Weathered units lend a rustic, old world ambiance while the Smooth finish creates a crisp, contemporary look. Create a striking accent by including a band of Ledgestone Smooth with Ledgestone Weathered units or vice-versa. Or include Ledgestone Smooth units in with popular Willow Creek Ledgestone Kits (page 19), packaged with everything you need for stunning fire and water features, bars, grill islands and more. Use Ledgestone Tapered units for building fire rings (page 10) as well as curved walls (page 17).



LEDGESTONE UNITS			Sq. Ft. Face Unit	Units Sq. Ft. Face	Sq. Ft. Face Pallet	Units Layer	Layers Pallet	Units Pallet	Lbs. Unit	Lbs. Pallet
LEDGESTONE SMOOTH UNITS										
	LEDGESTONE	4" x 8" x 12"	1/3	3	26.66	20	4	80	30	2440
	LEDGESTONE TAPERED	4" (h) Tapered	NA	NA	NA	35	5	175	17	3015

Ledgestone (Weathered)



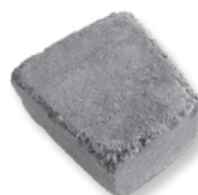
4" tall
8" deep
12" wide

Ledgestone Smooth



4" tall
8" deep
12" wide

Ledgestone Tapered

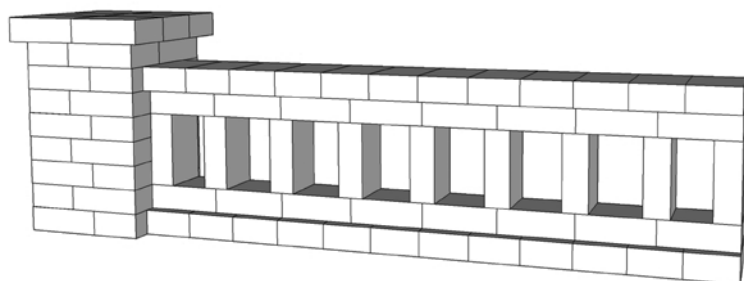


4" tall
8" deep
8.125" wide
Tapers to 5.25"

LEDGESTONE

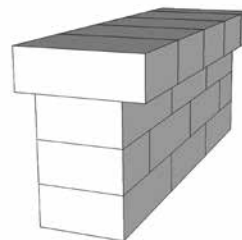
STONEHENGE WALL

Create an open Ledgestone™ wall with spaces between upright units. After laying the base course, align a second course on the 8-inch sides, as shown. Use concrete adhesive to adhere each unit to the course below. Then set a row of upright units, spaced to bridge the joints in the course below, as shown, and secure with adhesive. The next course repeats the second course, and the top course repeats the base course.



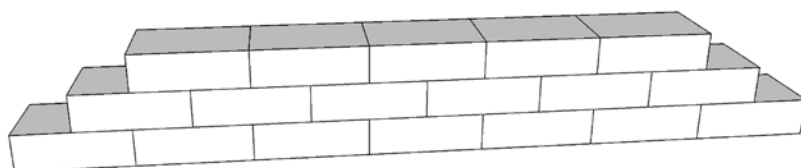
CAPPING

Finish any Ledgestone wall with Ledgestone units laid perpendicular to the wall. Secure caps to the wall using concrete adhesive.



FREESTANDING COLUMN

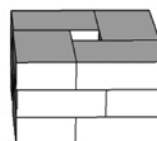
Place the first course in a square as shown on your prepared base. Place the second course on the first, so that the joints between units are staggered. Secure each unit to the course below with concrete adhesive. Place the third course with units arranged in the same pattern as the first course. Place the fourth course with units arranged in the same pattern as the second. Continue alternating between the two patterns to desired height. Columns can be capped with six units (as shown), cut Bullnose™ units, or natural or manufactured stone. Note: The 4" x 4" opening inside a column can accommodate a light post.



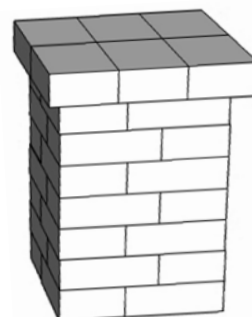
1ST COURSE



2ND



3RD



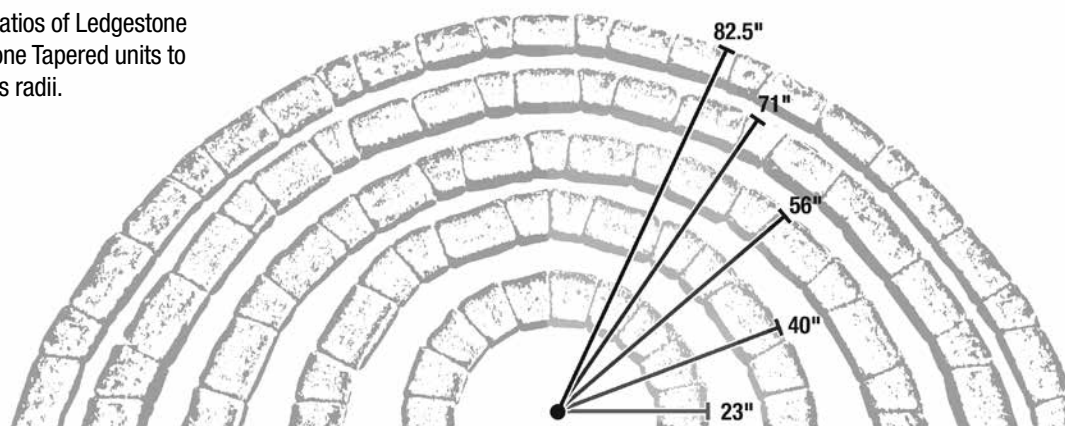
20" X 20" COLUMN

HALF-BOND WALL










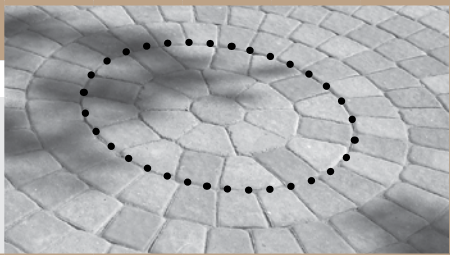




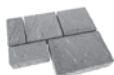




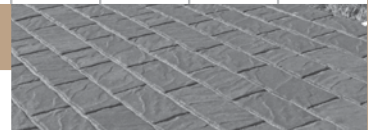


Create a half-bond pattern by centering joints halfway between units in adjacent courses. After laying the base course, start the next course and every other course with a half unit on one end to achieve half bond. Apply concrete adhesive to the top of the lower unit and secure the half unit to it. Continue adding whole units until the second course is complete. Repeat for each subsequent course. Raise a stringline to maintain alignment.

LEDGESTONE OUTSIDE RADII

Use varying ratios of Ledgestone and Ledgestone Tapered units to create various radii.










PALLET GUIDE



BRICKSTONE/COBBLESTONE			Sq. Ft. Paver	Pavers Sq. Ft.	Bands Pallet	Layers Pallet	Pavers Band	Sq. Ft. Band	Lbs. Band	Pavers Pallet	Sq. Ft. Pallet	Lbs. Pallet
	BRICKSTONE 6cm	2⅜" (6cm) 4 x 8 (3⅝" x 7⅞")	0.22	4.55	6	9	72	15.84	448	432	95.04	2688
	BRICKSTONE 8cm	3⅛" (8cm) 4 x 8 (3⅝" x 7⅞")	0.22	4.55	6	7	56	12.32	467	336	73.92	2800
	COBBLESTONE 6 x 3	2⅜" (6cm) (6¼" x 3⅛")	0.14	7.14	7	6	54	7.56	209	378	52.92	1463
	3/4 Stone	2⅜" (6cm) (4¾" x 6¼")	0.21	4.76	7	9	63	13.23	364	441	92.61	2548
	6 x 6	2⅜" (6cm) (6¼" x 6¼")	0.27	3.70	7	9	45	12.15	348	315	85.05	2436
	6 x 9	2⅜" (6cm) (6¼" x 9⅞")	0.41	2.44	5	9	45	18.45	521	225	92.25	2605
	9 x 12	2⅜" (6cm) (9⅜" x 12½")	0.82	1.22	4	9	27	22.14	594	108	88.56	2376
	12 x 12	2⅜" (6cm) (12½" x 12½")	1.08	.92	4	7	21	22.68	631	84	90.72	2525
	Large Circle	2⅜" (6cm)	0.19	5.26	7	6	36	6.84	202	252	47.88	1415
CENTER PACK (6cm)			Sq. Ft. Paver	Sq. Ft. Pack	Packs Pallet	Lbs. Pack	Lbs. Pallet					
CENTER PACK			NA	5.70	8	160	1280					
	Center	8 sided	0.26	Center Pack – 5.7 SF Includes all pavers for rows 1-3 and the 6 x 3 pavers for rows 6 and 8 (one Center, 16 Small Circle, eight 3/4 Stone, and three 6 x 3 pavers).								
	Small Circle	Tapered	0.21									
	6 x 3	(6¼" x 3⅛")	0.14									
SLATESTONE SLATESTONE SMOOTH			Layers Pallet	Sq. Ft. Layer	Lbs. Layer	Sq. Ft. Pallet	Lbs. Pallet					
	SLATESTONE	2⅜" (6cm)	8	11.16	292	89.28	2335					
	SLATESTONE	2¾" (7cm)	8	11.16	353	89.28	2825					
	SLATESTONE GRANDE	2⅜" (6cm)	7	12.40	339	86.80	2370					
	SLATESTONE GRANDE	2¾" (7cm)	7	12.40	400	86.80	2798					
DEKRASTONE			Sq. Ft. Paver	Pavers Sq. Ft.	Bands Pallet	Layers Pallet	Pavers Band	Sq. Ft. Band	Lbs. Band	Pavers Pallet	Sq. Ft. Pallet	Lbs. Pallet
	DEKRASTONE	2¾" (7cm) (4¾" x 9½")	0.31	3.23	5	8	56	17.36	549.45	280	86.8	2747
EUROSTONE			Layers Pallet	Sq. Ft. Layer	Ln. Ft. Layer	Ln. Ft. Pallet	Sq. Ft. Pallet	Lbs. Pallet				
	EUROSTONE	2¾" (7cm)	8	10.54	28.35	226.77	84.32	2500				
TEKSTONE			Sq. Ft. Paver	Pavers Sq. Ft.	Bands Pallet	Layers Pallet	Pavers Band	Sq. Ft. Band	Lbs. Band	Pavers Pallet	Sq. Ft. Pallet	Lbs. Pallet
	TEKSTONE	2⅜" (6cm) (12½" x 12½")	1.08	.92	4	7	21	22.68	631	84	90.72	2525

PALLET GUIDE




CAPSTONE UNITS

			Ln. Ft. Unit	Lbs. Unit	Ln. Ft. Pallet	Unit Pallet	Lbs. Pallet	
	SQUARE COLUMN CAP	24" x 24" x 2 1/4"	NA	110	NA	20	2240	
	UNIVERSAL COPING	16"-14" x 12" x 2 1/4"	1.25	35	30	24	880	
	END COPING	24" x 12" x 2 1/4"	2	55	32	16	920	
	RUNNER COPING	24" x 12" x 2 1/4"	2	55	48	24	1360	
	FIRE RING CAP	9 1/2" Wide (4 sections per unit)	NA	220	NA	3	700	
	4' STEP UNIT	48" x 6" x 18"	4	435	NA	8	3520	

BULLNOSE UNITS

			Sq. Ft. Unit	Units Sq. Ft.	Units Lin. Ft.	Ln. Ft. Band	Units Band	Bands Pallet	Layers Pallet	Units Pallet	Lbs. Pallet	
	BULLNOSE	2 3/8" (6cm) (6" x 12")	0.50	2	2	24	48	4	8	192	2535	

LEDGESTONE UNITS LEDGESTONE SMOOTH UNITS

			Sq. Ft. Face Unit	Units Sq. Ft. Face	Sq. Ft. Face Pallet	Units Layer	Layers Pallet	Units Pallet	Lbs. Unit	Lbs. Pallet	
	LEDGESTONE	4" x 8" x 12"	1/3	3	26.66	20	4	80	30	2440	
	LEDGESTONE TAPERED	4" (h) Tapered	NA	NA	NA	35	5	175	17	3015	

LEDGESTONE KITS



FIREPLACE & WOODBOXES



COUNTER OVEN



TWO-TIER BAR



BAR & GRILL



FIRE RING WITH GRATE



CORNER BAR

MORE LEDGESTONE KITS AVAILABLE, VISIT:

WillowCreekPavingStones.com/products/ledgestone-kits

KIT NAME	DIMENSIONS	PALLETS	LBS
BAR & GRILL	80"w x 32"d x 46"h	3	6,209
U BAR & GRILL	116"w x 56"d x 46"h	5	11,520
CORNER BAR & GRILL	104"w x 80"d x 46"h	5	10,777
GRILL ISLAND	68"w x 24"d x 36"h	3	3,425
FIREPLACE	60"w x 52"d x 90"h	5	10,657
WOODBOX	36"w x 32"d x 42"h	2	2,915
TWO-TIER BAR	92"w x 32"d x 46"h	4	6,767
68" BAR	68"w x 20"d x 42"h	3	4,571
WATERFALL	52"w x 40"d x 32"h	2	3,110
COUNTER OVEN	44"w x 28"d x 84"h	3	3,422
FIRE RING	46"OD x 12"h	2	1,000

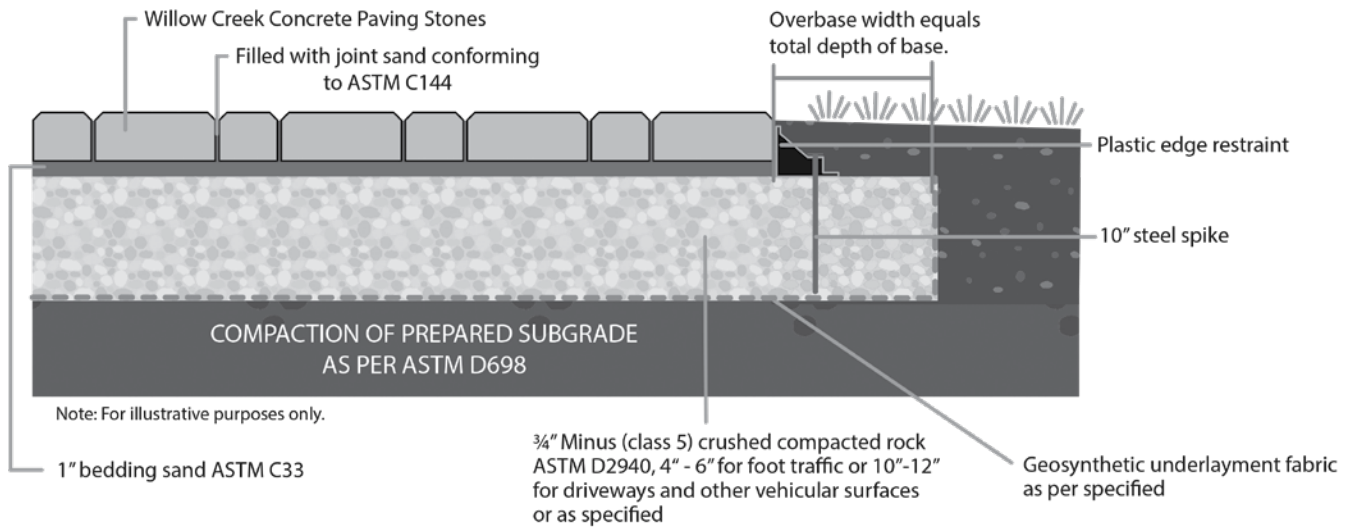
TRY OUR PAVER PROJECT CALCULATOR:

WillowCreekPavingStones.com/paver-project-calculator



All sizes are nominal, and quantities are subject to change without notice.

CROSS SECTION



CHECKLIST

PROJECT COMPONENTS

- Willow Creek pavers
- Aggregate base material
 $\frac{3}{4}$ " crushed stone (including finer particles) typically used for road base.
- Bedding sand
Coarse, washed sand suitable for masonry.
- Edge restraints with $\frac{3}{8}$ " x 10" landscape spikes
- Joint sand *Dry, washed sand, free of large aggregate that would prevent it from freely flowing into joints. Polymeric joint sand may be used to prevent loss due to water or weeds.*
- Willow Creek Underlayment Fabric (if necessary)
- Paver sealant (optional)
- Concrete adhesive
- Download Willow Creek calculator

POWER TOOLS

YOU MAY NEED TO RENT

- Vibrating plate compactor with pad
- Masonry saw with diamond-tip blade

SAFETY EQUIPMENT

- Safety glasses
- Gloves
- Steel-toed boots
- Other protective gear as needed

CONNECT



WillowCreekPavingStones.com

Available at:

