



CALSTONE

Because Quality Matters

Hardscape Collection

- Paving Stones
- Landscape Structures
- Retaining Walls

calstone.com



CALSTONE

Because Quality Matters

Bring color, style, texture, and long lasting beauty to your outdoor space. Old World or modern, grand or modest, smooth or textured, Calstone offers a world class line of premium paving stones in a full range of blended colors.

All Calstone products are made using only the finest raw materials and the most technologically advanced equipment and processes available. As a result Calstone produces products that look stunning and stay that way for a lifetime.

Explore this catalog displaying our complete line of hardscape products or visit our website at calstone.com.

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The colors and photographs throughout our catalog are printed as accurately as possible. However, due to the variables in printing reproduction and the nature of raw materials used in the production of our paving stones, actual colors and textures may differ slightly.





Paving Stone Introduction

Interlocking paving stones were developed to outperform asphalt and concrete. Because little attention was paid to the look of the product, most of the original paving stones were a traditional brick shape and cement gray in color.

As the popularity of paving stones grew, so did the demand for additional color and style options. Manufacturers soon realized that the traditional method of producing paving stones limited their ability to provide more aesthetic options.

A new and superior manufacturing process was developed to create stronger surfaces with flexibility in colors and textures. Using two separate mix designs, manufacturers can craft a highly structural paver with an added advanced top surface that is much more durable and natural-looking.

The Calstone Recipe for Quality

Calstone's Dual-Mix Design

Calstone's paving stones are made using a patented color-blending process and superior Duraface technology. Our unique color-blending process allows us to blend and distribute up to six different colors in the paving stone for a more natural look.

The Duraface surfacing method is superior to other types of paving stones in color vibrancy, surface texture, strength, and durability.

Calstone's paving stones are made using a dual mix design process:



Calstone's patented six-color blending process (U.S. patent #7,572,048 B2)

- 1. BASE MIX:** The base mix is designed specifically to provide superior flexural and compressive strength with very low absorption.
- 2. DURAFACE MIX:** The Duraface mix is designed to be extremely abrasion- and chip-resistant, smooth and dense like natural stone, rich and vibrant in color, and fade- and slip-resistant.

Color: Rustic Yellowstone
Pattern: Two-Way Running Bond



Duraface FAQ

Q: What is Duraface?

A: Duraface is an extremely hard, dense, color saturated, high performance concrete cast into the surface of all Calstone premium paving stones.

Q: What are the advantages of Duraface?

A: The initial advantages are that Duraface pavers have a smooth, consistent, stone like finish with rich vibrant colors. They are better looking! The long term advantages are that Duraface pavers retain their original appearance for many years after standard thru-mix pavers have lost their original color and texture. Duraface pavers will continue to be better looking for the lifetime of the pavement!

Q: If Duraface is so great why don't all of the producers do it?

A: Cost of manufacturing. The facility and equipment required to make a Duraface product is more expensive, the production capacity of a Duraface plant is lower than a thru-mix plant, and the cost of raw materials used to make Duraface pavers is considerably higher.

Q: Are all of the advantages of a Duraface paver in the surface?

A: No! Our process is technically a “dual mix design technology”. Concrete mix designs are tailored to give specific performance characteristics. Using this dual mix design technology allows us to design the base concrete layer of the paver for ultimate compressive strength and durability without having to make any compromises for aesthetic reasons. Thru-mix products are a compromise in mix design.

Q: How is Duraface concrete different than thru-mix concrete?

A: Cement – Duraface concrete has nearly twice the cement content of thru-mix concrete. Cement paste is the glue that holds sand particles together. More cement gives more strength & durability because of the increased adhesion between particles. Cement paste is also what attaches pigment to the sand particles. More cement means a thicker coat of color on each sand particle. Many Duraface colors are made using white cement. White cement allows us to create a broader range of colors in our products with incredible vibrancy.

Oxide Iron Pigment – Iron Oxide is the colorant used in architectural concrete. Duraface has nearly 3 times the pigment compared to standard thru-mix paver concrete. Higher pigment content intensifies the color of the cement paste giving bolder longer lasting colors.

Sand/Aggregate – Duraface specialty sands are cleaner and have tighter fitting particles than standard concrete sand. The tighter fit gives a smoother, more consistent, finish with lower permeability. The cleanliness of the sand results in a stronger bond between particles, and a stronger bond of pigment to the particles. Another advantage for sealed projects is that the tighter finish results in improved sealer coverage.

Q: Why does Calstone make Duraface?

A: Our mission is to create the highest quality Hardscape products in the world.

Thru-Mix



Duraface

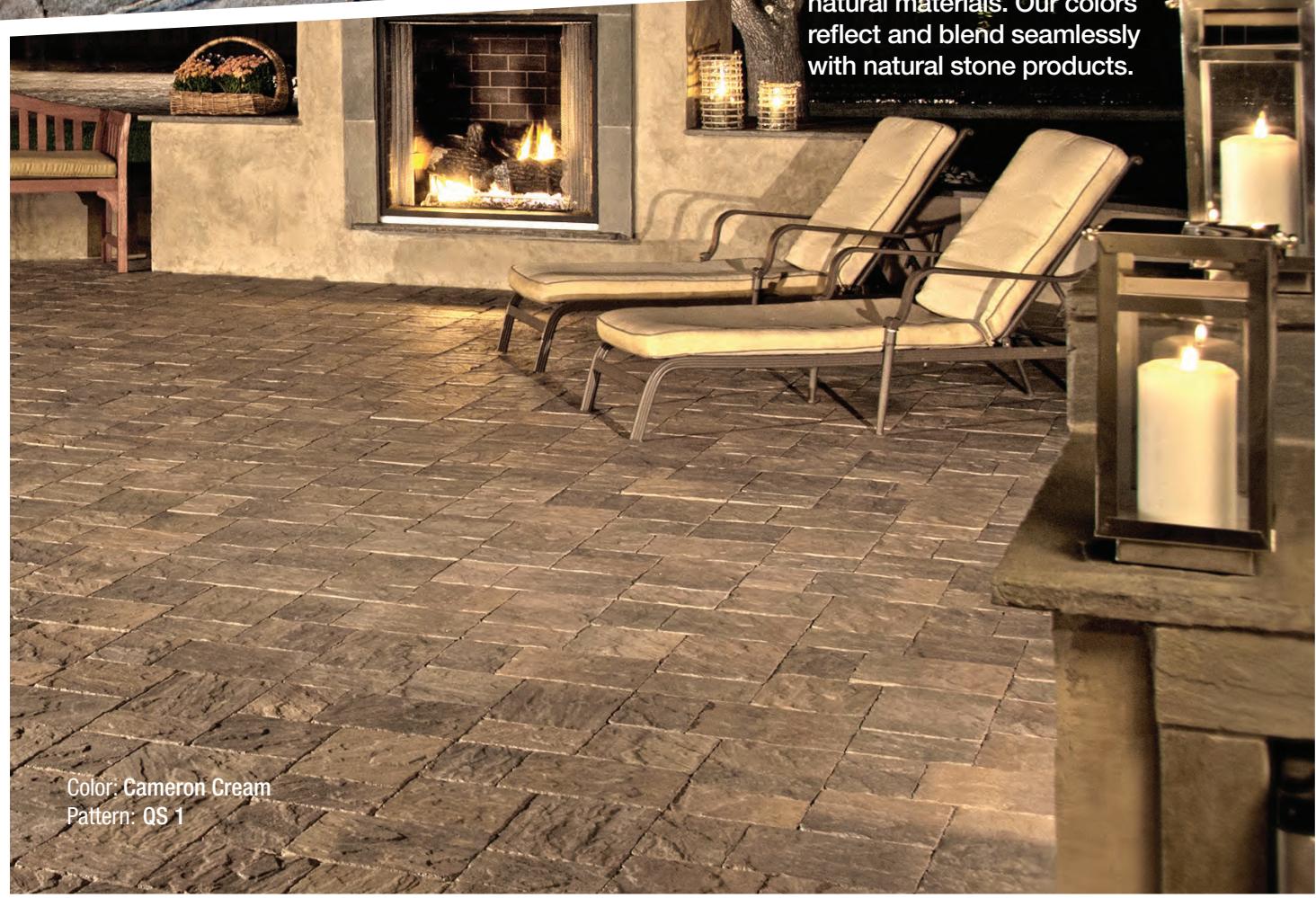


Quarry Stone

Natural Slate Texture



Our Quarry Stone selections draw their inspiration from natural materials. Our colors reflect and blend seamlessly with natural stone products.



Colors Quarry Stone & Quarry Stone Circle Kit



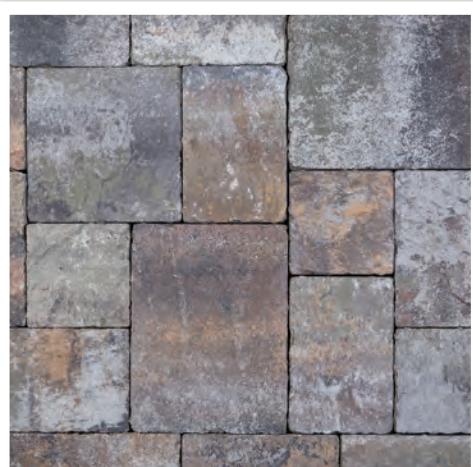
Oak Barrel



Sunset Terracotta



Cameron Cream



Sequoia Sandstone



Rustic Yellowstone



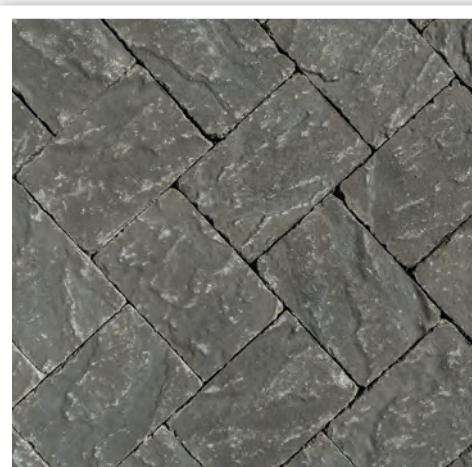
Sierra Granite



Chaco Canyon



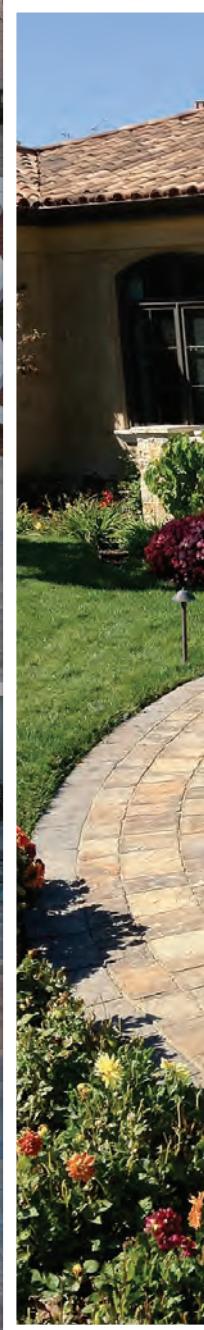
Connecticut Fieldstone



Charcoal
(available in 6x9 only)

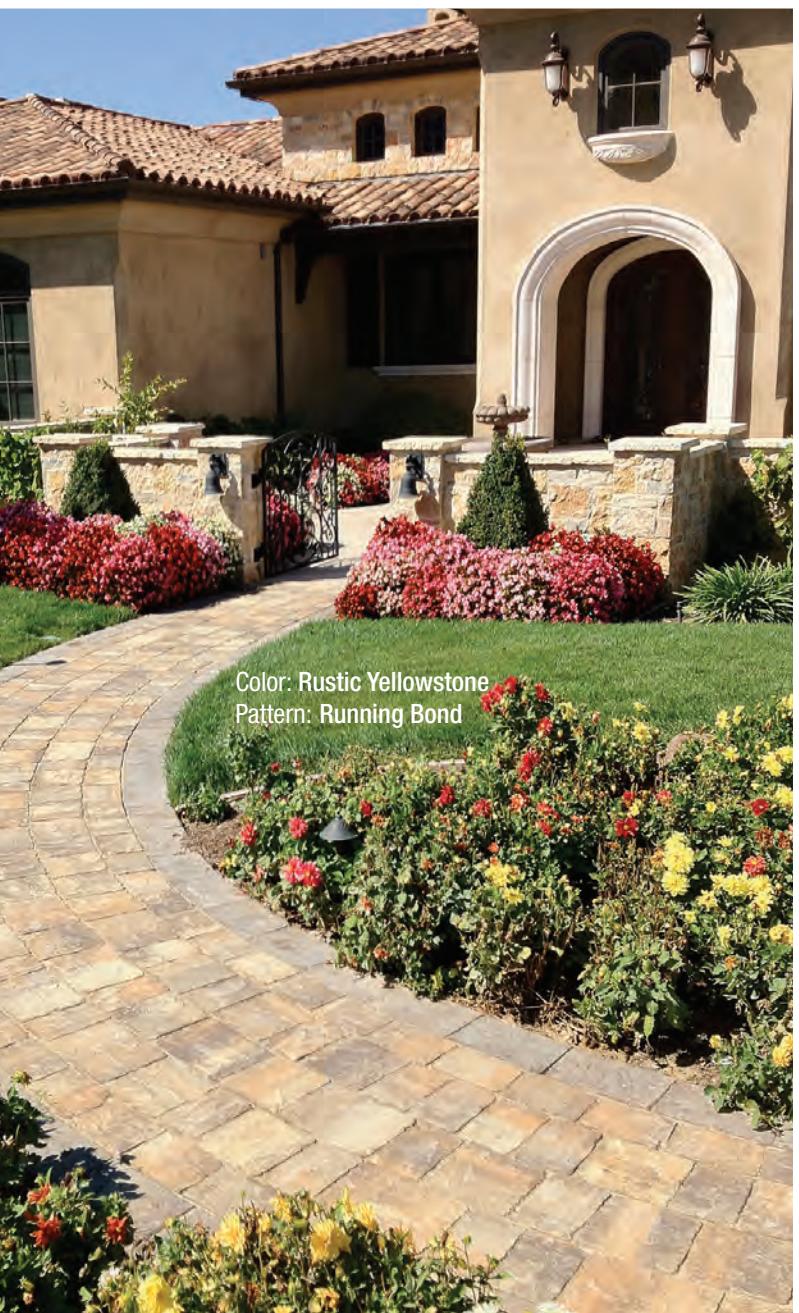
To reproduce the look and feel of natural stone, Quarry Stone paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Quarry Stone

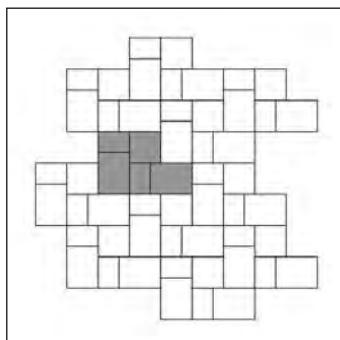


Product Details - Quarry Stone

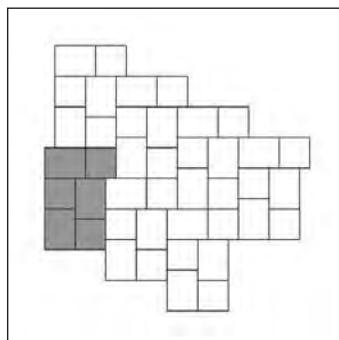
Units	Nominal Dimensions	Stone FT ²	Stones Pallet	FT ² Pallet
	6 x 6 (60mm)	4.1	432	105
	6 x 9 (60mm)	2.8	270	98
	9 x 9 (60mm)	1.8	180	98
	9 x 12 (60mm)	1.4	144	105



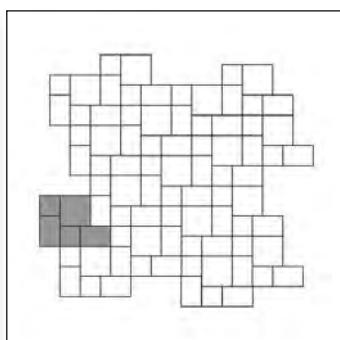
Patterns - Quarry Stone



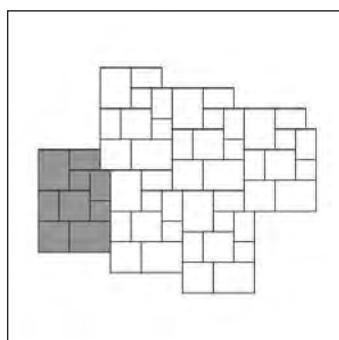
QS 1
27% 6x9, 20% 9x9, 53% 9x12



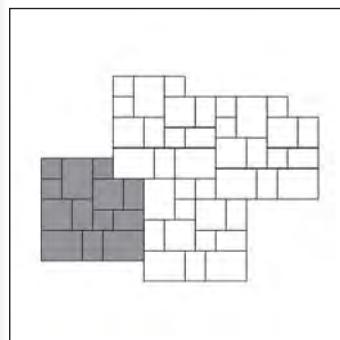
QS 2
43% 9x9 , 57% 9x12



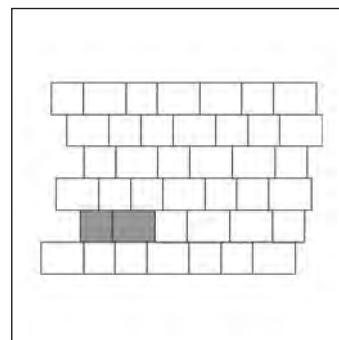
QS 3
28% 6x6, 41% 6x9, 31% 9x9



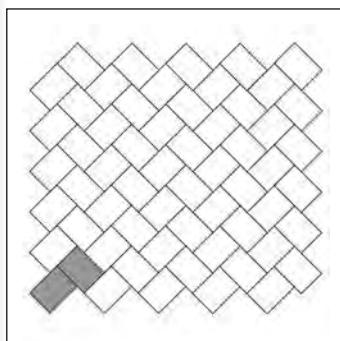
QS 4
12% 6x6, 26% 6x9,
27% 9x9, 35% 9x12



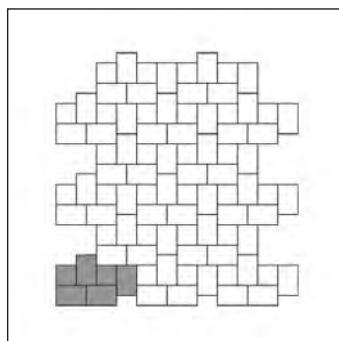
QS 8
17% 6x6, 26% 6x9,
19% 9x9, 38% 9x12



Two-Way Running Bond
40% 6x6, 60% 6x9, or
43% 9x9, 57% 9x12



Herringbone 45 Degree
100% 6x9 or 9x12



Old Town II
25% 6x6, 75% 6x9

To view or print more patterns visit calstone.com

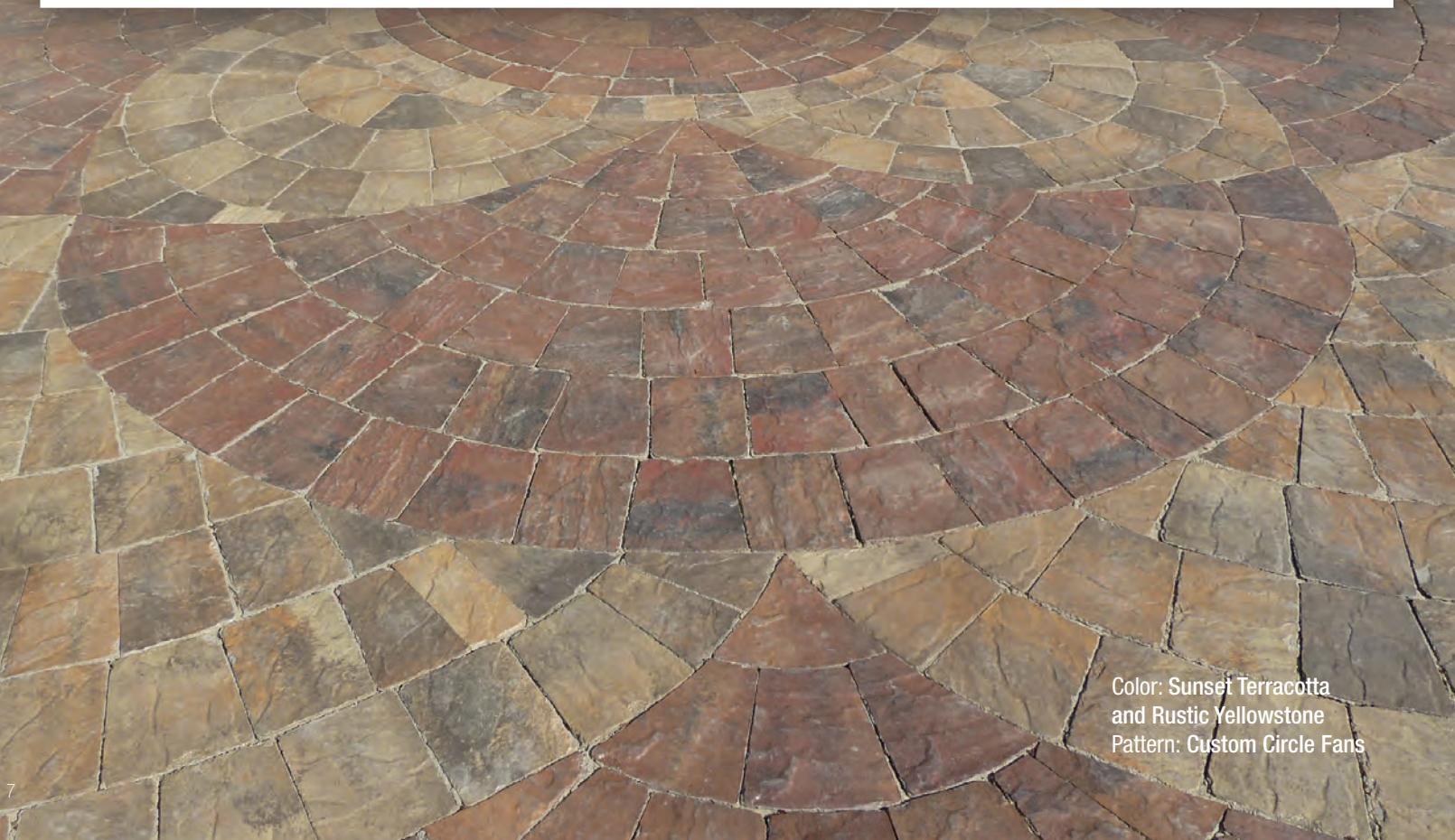
Quarry Stone Circle Kit

Beautiful Designs

Complementing our very popular Quarry Stone product line is a beautiful circle accent with the matching texture, color, and feel, of natural stone. With its 11 foot diameter, this circle kit can be used to construct a stand-alone patio or to highlight a field of Quarry Stone pavers.

Color: Sierra Granite

Color: Sunset Terracotta
and Rustic Yellowstone
Pattern: Custom Circle Fans

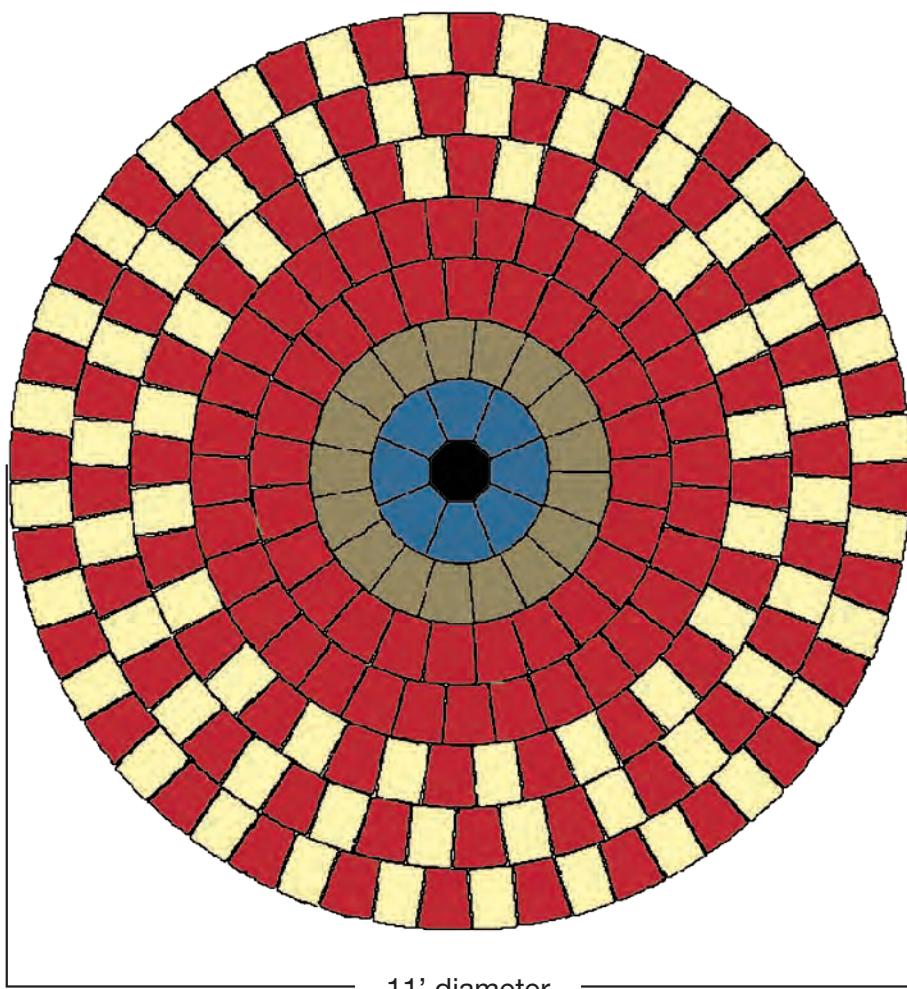


Installation Guide - Quarry Stone Circle Kit

11' Diameter - 97 Square Feet = 1 pallet (sold in full pallets only)

Units	Names	Chart Color Key	Stones Per Pallet	Stones For Circle
	Center Stone		9	1
	Large Wedge		9	8
	Radius Wedge		18	17
	Small Wedge		135	128
	Rectangle		81	72

Diameter	Additional Rings	6x9 Quarry Stones Needed	Square Foot Needed
11.0	0	0	0
12.5	1	80	29
14.0	2	169	60
15.5	3	268	96
17.0	4	376	134
18.5	5	493	176
20.0	6	620	221
21.5	7	756	270
23.0	8	901	322
24.5	9	1056	377
26.0	10	1220	436
27.5	11	1393	498
29.0	12	1576	563
30.5	13	1768	631



Technical Installation Details

For Additional Rings:

When the diameter of the circle exceeds 11 feet, 6x9 Quarry Stones are used for additional rings. For each additional ring add 1.5 feet to the diameter. The number of additional square feet of 6x9 Quarry Stones is calculated as follows:

$$(d/2)^2 \times 3.14 - 97 =$$

additional square feet of 6x9 Quarry Stones where d = diameter of circle (see chart above)

Note:

The gaps between stones in circle kits vary in size and are generally larger than with linear patterns.

To reproduce the look and feel of natural stone, our Quarry Stone Circle Kit paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Quarry Stone Versailles

Palatial Scale

Versailles shares the aesthetic qualities of our ever popular Quarry Stone in a larger format. Produced and packaged in individual sizes offering unlimited pattern flexibility. These large 60 mm slate textured stones are available in six dynamic multi-blend eye-catching colors, and are the ideal hardscape solution for plazas, courtyards, entryways, walkways, patios and pool decks.

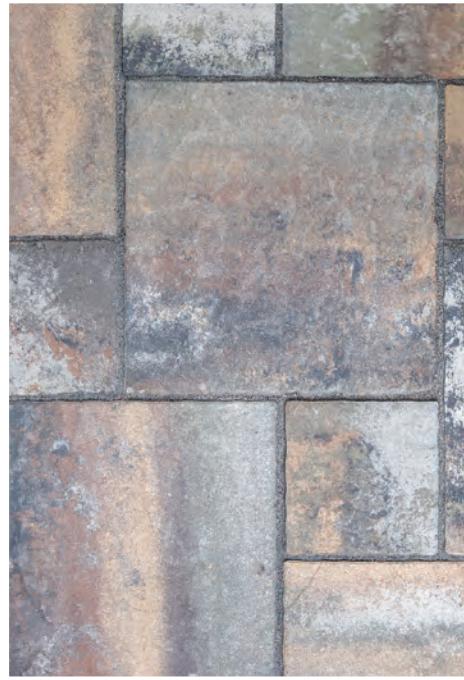


Color: Sequoia Sandstone
Pattern: Running Bond 24

Colors Quarry Stone Versailles



Oak Barrel



Sequoia Sandstone



Cameron Cream



Sierra Granite



Chaco Canyon



Rustic Yellowstone

Because of the large format, Quarry Stone Versailles **cannot** be used for vehicular traffic.
Quarry Stone Versailles **can** be used for permeable residential applications.

To reproduce the look and feel of natural stone, Quarry Stone Versailles paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Quarry Stone Versailles

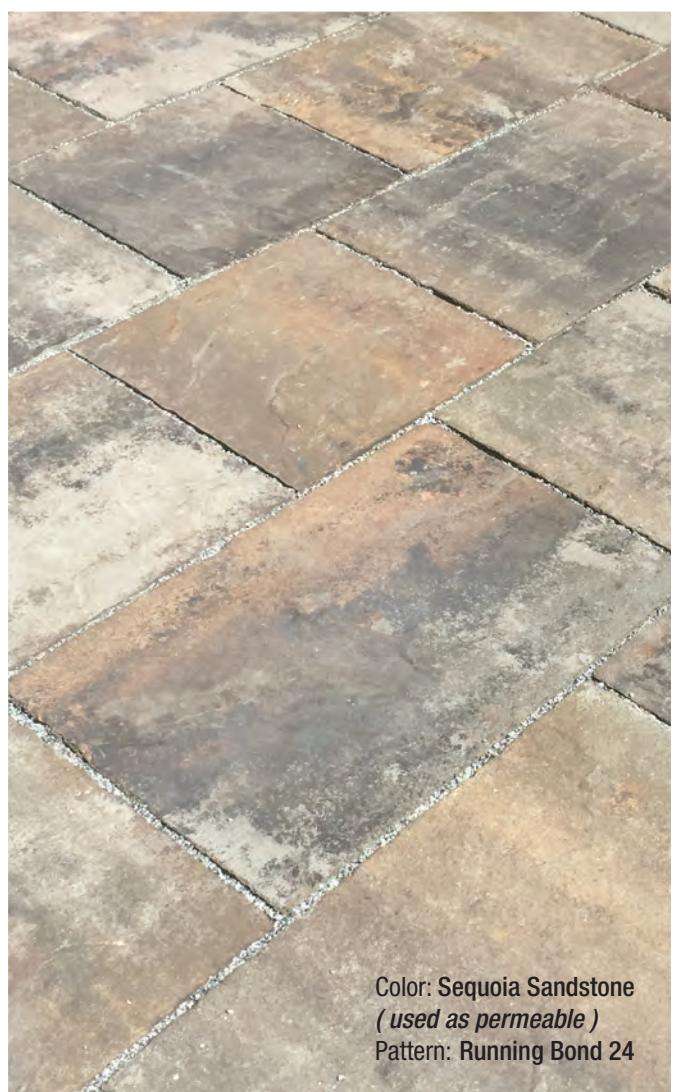
Color: Rustic Yellowstone
Pattern: Versailles 1

Color: Sequoia Sandstone
Pattern: Versailles 1

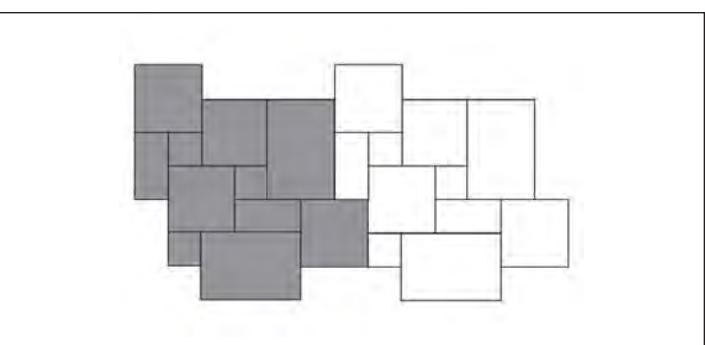
Product Details - Versailles

Units	Nominal Dimensions	Stones FT ²	Stones Pallet	FT ² Pallet
	8 x 8 (60mm)	2.3	240	103
	8 x 16 (60mm)	1.2	120	103
	16 x 16 (60mm)	0.6	60	103
	16 x 24 (60mm)	0.4	40	103

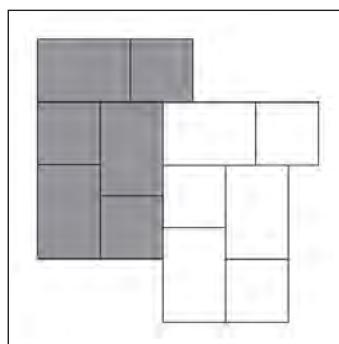
Because of the large format, Quarry Stone Versailles **cannot** be used for vehicular traffic. Quarry Stone Versailles **can** be used for permeable residential applications.



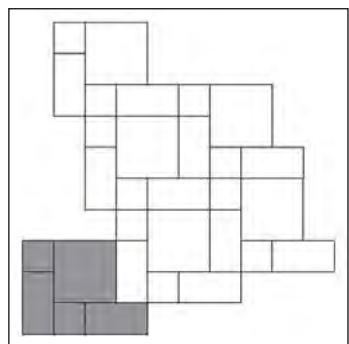
Patterns - Versailles



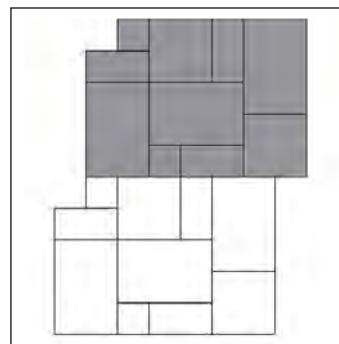
Versailles 1
11% 8x8, 11% 8x16, 45% 16x16, 33% 16x24



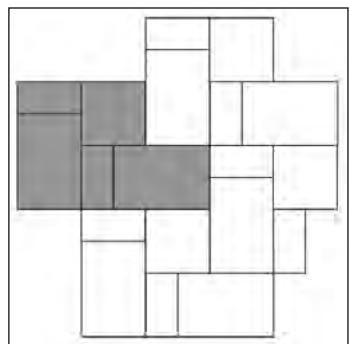
Versailles 2
40% 16x16, 60% 16x24



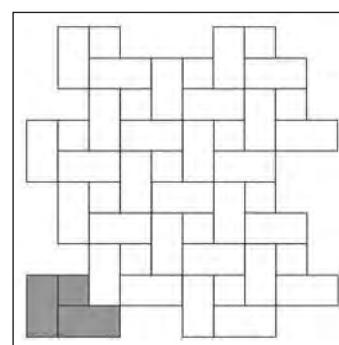
Versailles 3
20% 8x8, 40% 8x16, 40% 16x16



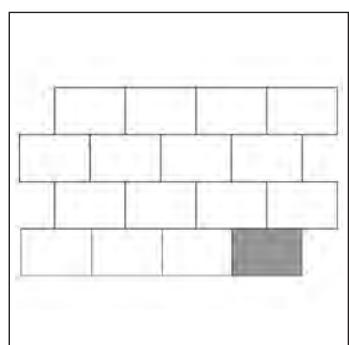
Versailles 4
6% 8x8, 18% 8x16
23% 16x16, 53% 16x24



Versailles 5
20% 8x16, 20% 16x16, 60% 16x24



Pinwheel 8
20% 8x8, 80% 8x16



Running Bond 24
100% 16x24

To view or print more patterns visit calstone.com

Belgian Stone



Hand Chiseled Feel

Reminiscent of historic villages from around the world, Belgian Stone emulates hand chiseled stone tempered by centuries of civilization. With its natural edges, and semi-smooth, nearly flat surface, Belgian Stone delivers a romantic old world elegance to any paving project while remaining comfortable under foot.



Color: Sierra Granite
Pattern: Running Bond

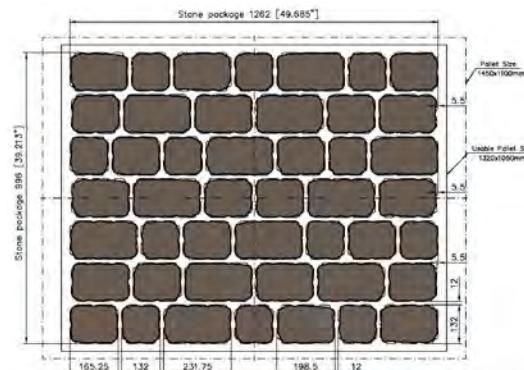
Product Details - Belgian Stone

Belgian Stone - 108 Square Feet = 1 Pallet

Sizes	Nominal Size	Stone FT ²	Stones Pallet
	5.2 x 5.2 (60mm)	5.3	108
	5.2 x 6.5 (60mm)	4.2	108
	5.2 x 7.9 (60mm)	3.5	90
	5.2 x 9.2 (60mm)	3.0	108
Total Pallet			414

Pallet Layer Detail - Belgian Stone

Belgian Stone is manufactured in combination packages. Partial pallets are available in full layer, 12 sq. ft. increments.



Note: 9 Layers Per Pallet

Colors - Belgian Stone



Oak Barrel

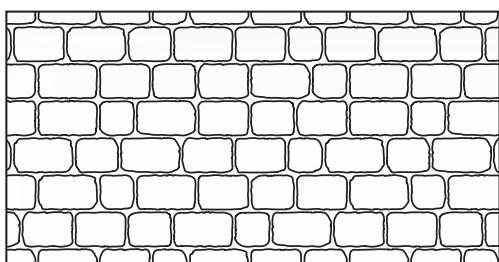


Sierra Granite

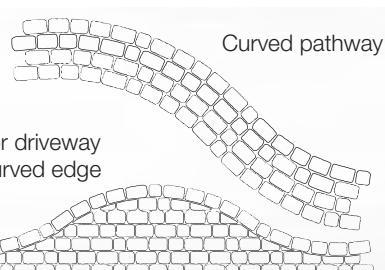


Sequoia Sandstone

Patterns - Belgian Stone



Running Bond



Running Bond Examples

Installation Note: Belgian Stone is designed with a wider joint, we recommend using joint sand; approximately 32 square feet per 80 pound bag.

Belgian Stone can be used for permeable residential applications.

Classic Cobble



Old-World Charm

A Mediterranean look and feel can be achieved with our Classic Cobble design. Smooth, rounded edges, rich colors, and a variety of installation patterns, create old-world charm.



Color: Tan Red Charcoal
Pattern: Old Town III

Colors *Classic Cobble and Classic Cobble Circle Kit*



Gray Charcoal Tan



Tan Brown Charcoal



Gray Charcoal



Cream Tan Brown



Brown Beige Charcoal

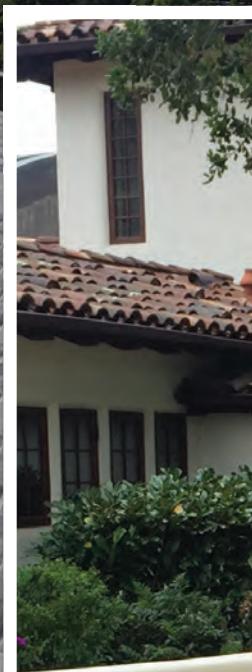


Tan Red Charcoal



Charcoal
(available in 6x9 only)

Classic Cobble

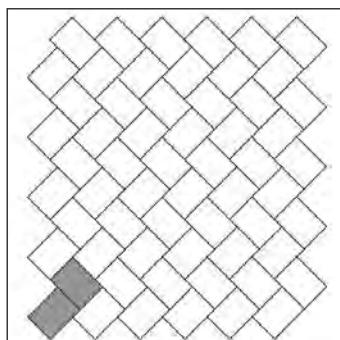


Product Details - Classic Cobble

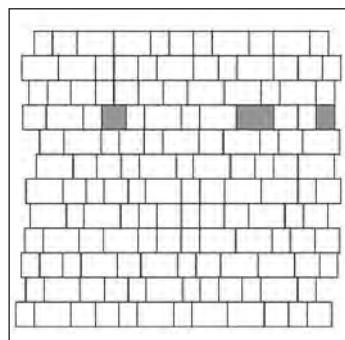
Sizes	Nominal Size	Stone FT ²	Stones Pallet	FT ² Pallet
	Small: 6 x 4 1/2 (60mm)	5.5	576	105
	Medium: 6 x 6 (60mm)	4.1	432	105
	Large: 6 x 9 (60mm)	2.8	270	98
	Mega: 9 x 12 (60mm)	1.4	144	105



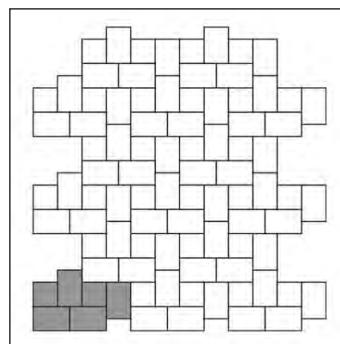
Patterns - Classic Cobble



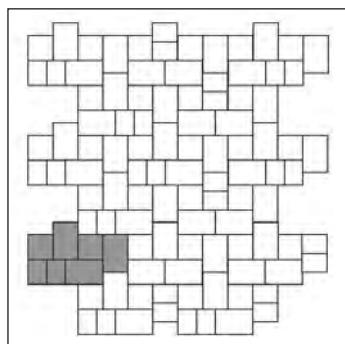
Herringbone 45 Degree
100% 6x9 or 100% 9x12



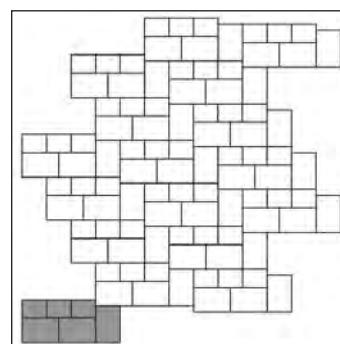
Three-Way Running Bond
23% Small, 31% Medium, 46% Large



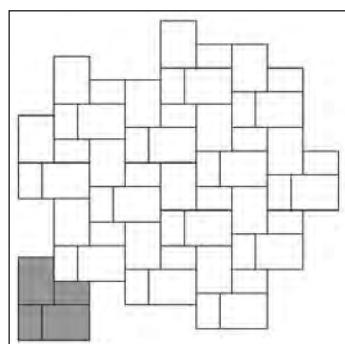
Old Town II
25% Medium, 75% Large



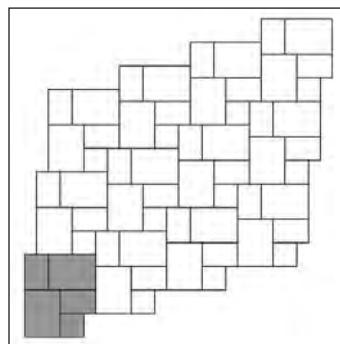
Old Town Pattern III
20% Small, 25% Medium, 55% Large
(small cobble placed randomly)



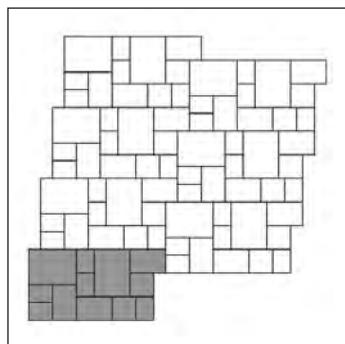
Two-Way Parquet
33% Small, 66% Large



Mega Pattern 2
33% Large, 67% Mega



Mega Pattern 3
10% Medium, 30% Large,
60% Mega



Mega Pattern 4
23% Small, 12% Medium,
28% Large, 37% Mega

To view or print more patterns visit calstone.com

Classic Cobble Circle Kit

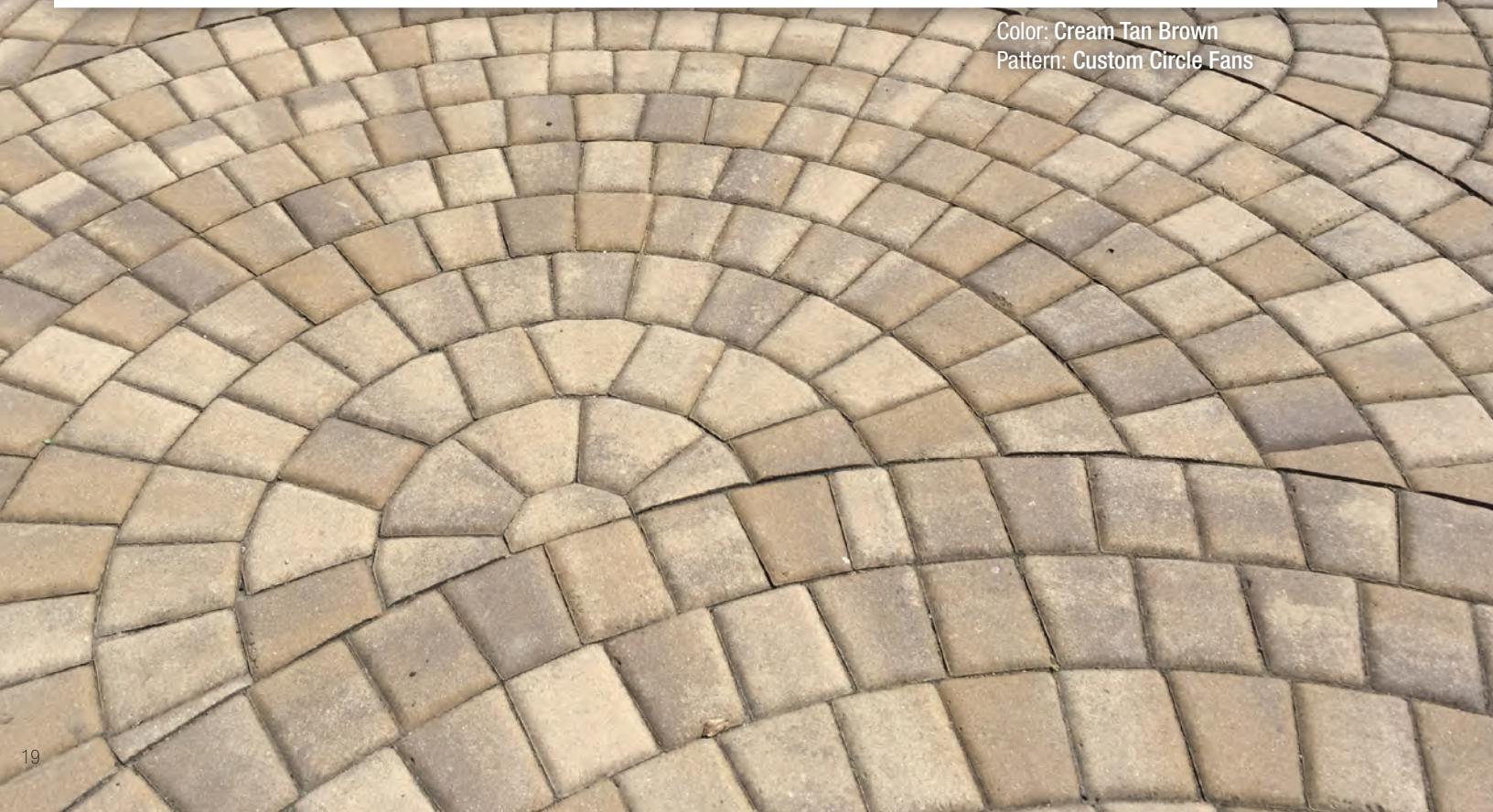
Flowing Designs

Our Classic Cobble Circle Kit is comprised of five different shapes allowing you to create circles, sweeping curves and geometric patterns.

Color: Gray Charcoal



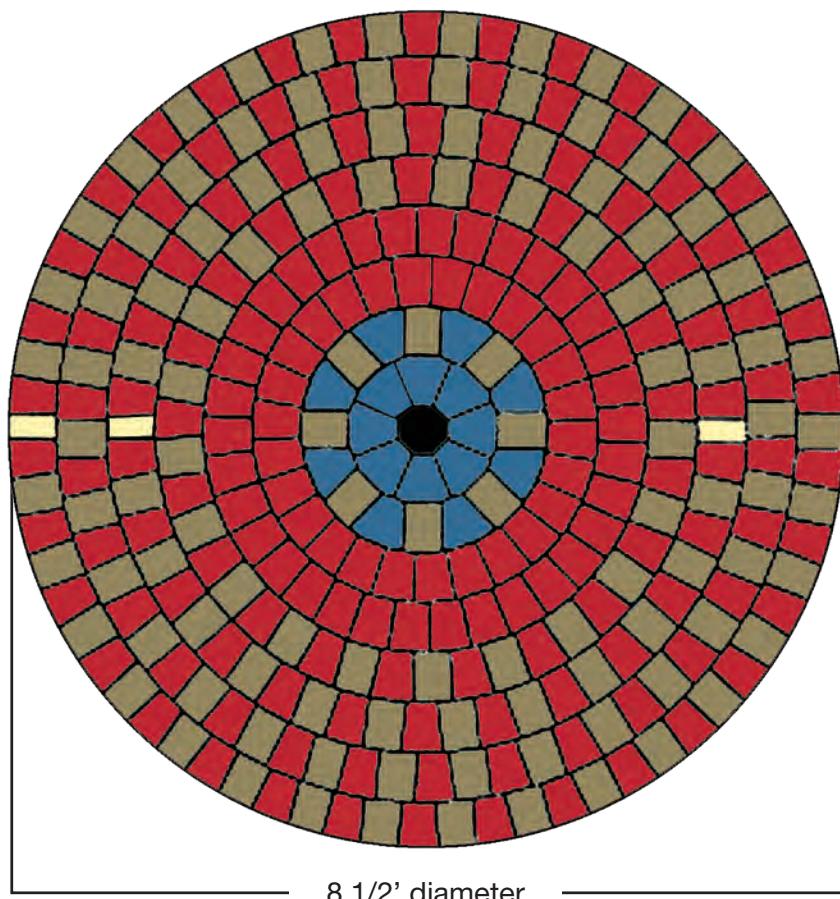
Color: Cream Tan Brown
Pattern: Custom Circle Fans



Installation Guide - Classic Cobble Circle Kit

8 1/2' Diameter - 57 Square Feet = 1 pallet (sold in full pallets only)

Units	Names	Chart Color Key	Stones Per Pallet	Stones For Circle	Diameter	Additional Rings	Small Cobble Stones Needed	Square Foot Needed
	Center Stone		5	2	8.5	0	0	0
	Large Wedge		20	16	9.5	1	80	15
	Small Cobble		120	116	10.5	2	168	31
	Small Wedge		180	171	11.5	3	265	48
	Mini Stone		5	3	12.5	4	370	67
					13.5	5	483	88
					14.5	6	605	110
					15.5	7	735	134
					16.5	8	873	159
					17.5	9	1020	185
					18.5	10	1175	214
					19.5	11	1338	243
					20.5	12	1510	275
					21.5	13	1690	307



Technical Installation Details

For Additional Rings:

When the diameter of the circle exceeds 8 1/2 feet, Small Cobble stones are used for additional rings. For each additional ring add 1 foot to the diameter. The number of additional square feet of Small Cobble stones is calculated as follows:

$$(d/2)^2 \times 3.14 - 57 =$$

additional square feet of Small Cobble stones where d = diameter of circle (see chart above)

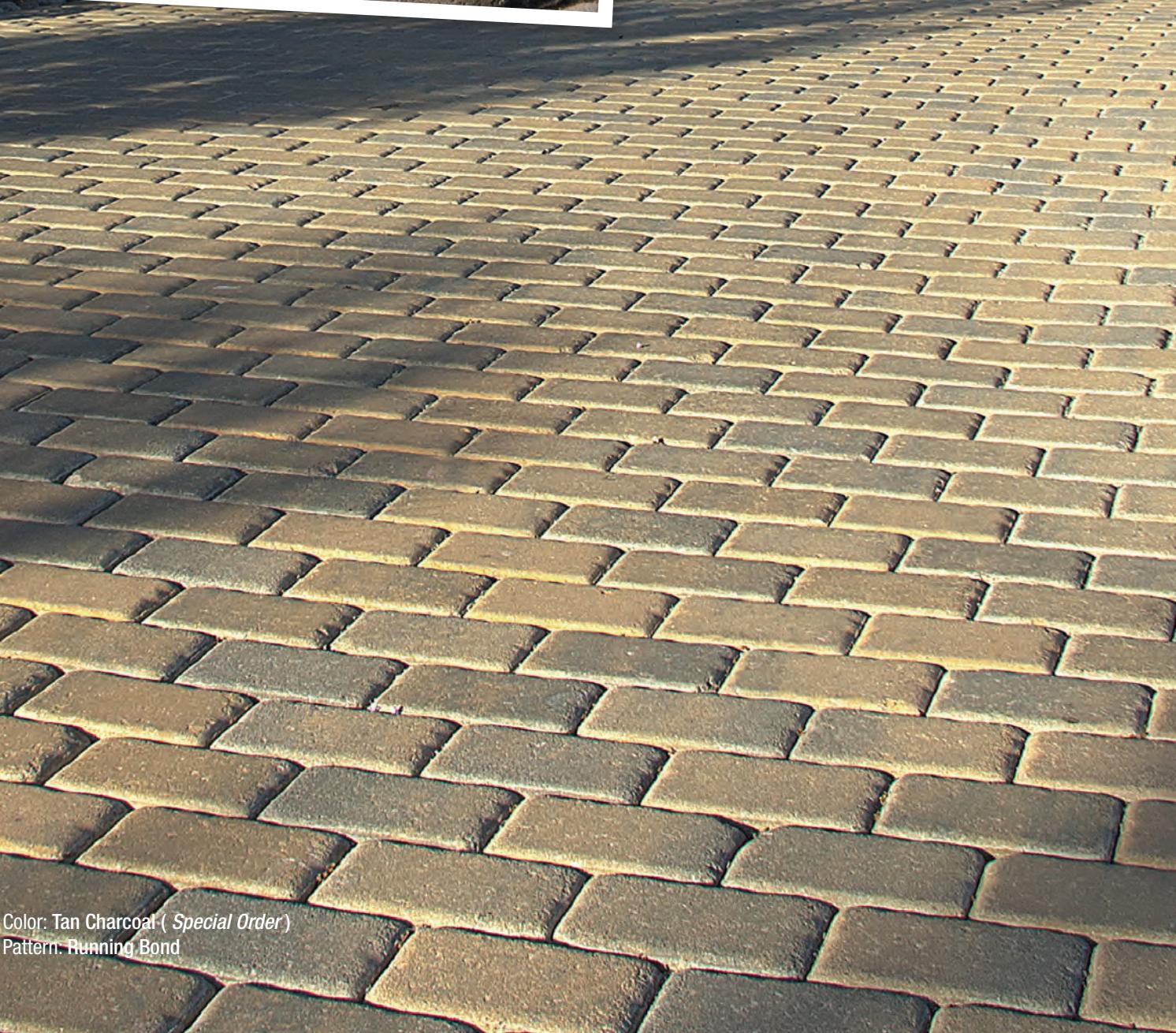
Note:

The gaps between stones in circle kits vary in size and are generally larger than with linear patterns.

Antiqued Cobble

Aged by Time

Antiqued Cobble makes a rustic cobblestone impression. These unique paving stones will help you create the natural look and feel of a surface that has been aged by time and the elements.



Color: Tan Charcoal (*Special Order*)
Pattern: Running Bond

Colors *Antiqued Cobble*



Gray Charcoal Tan



Tan Brown Charcoal



Gray Charcoal



Cream Tan Brown



Brown Beige Charcoal



Tan Red Charcoal



Charcoal
(available in 6x9 only)

To reproduce the look and feel of natural stone, Antiqued Cobble paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Antiqued Cobble

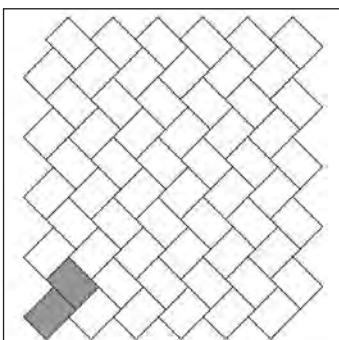


Product Details - Antiqued Cobble

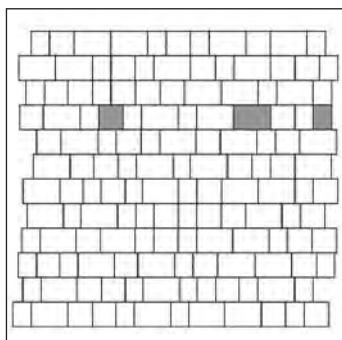
Sizes	Nominal Size	Stone FT ²	Stones Pallet	FT ² Pallet
	Small: 6 x 4 1/2 (60mm)	5.5	576	105
	Medium: 6 x 6 (60mm)	4.1	432	105
	Large: 6 x 9 (60mm)	2.8	270	98
	Mega: 9 x 12 (60mm)	1.4	144	105



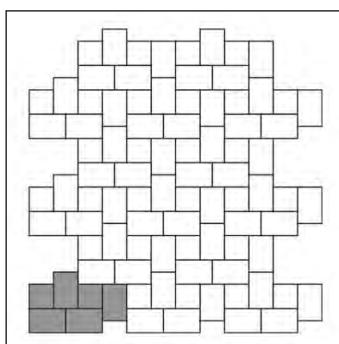
Patterns - Antiqued Cobble



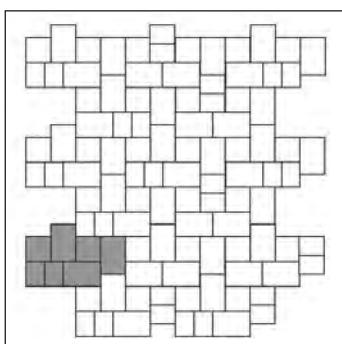
Herringbone 45 Degree
100% 6x9 or 100% 9x12



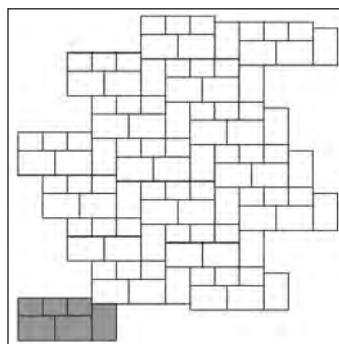
Three-Way Running Bond
23% Small, 31% Medium, 46% Large



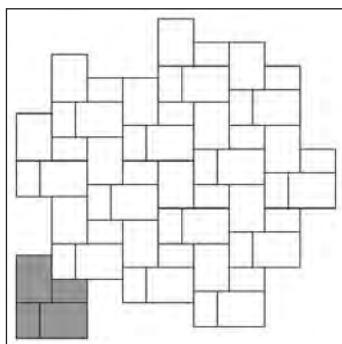
Old Town II
25% Medium, 75% Large



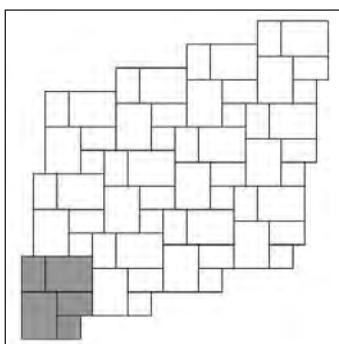
Old Town Pattern III
20% Small, 25% Medium, 55% Large
(small cobble placed randomly)



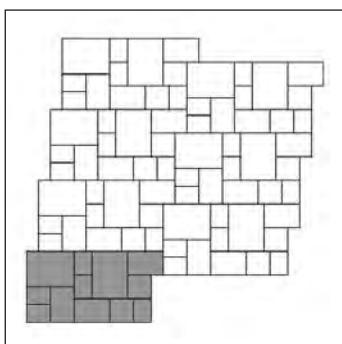
Two-Way Parquet
33% Small, 66% Large



Mega Pattern 2
33% Large, 67% Mega



Mega Pattern 3
10% Medium, 30% Large,
60% Mega



Mega Pattern 4
23% Small, 12% Medium,
28% Large, 37% Mega

To view or print more patterns visit calstone.com

Mission

BBQ: Brown Beige Charcoal
Roman Stone with
Blue Stone Slate Top

Modern Lines

Design flexibility and modern lines make the Mission an excellent choice. Whether you use them for accent banding or in one of the many versatile patterns, Mission Series paving stones allow endless options of color and form.

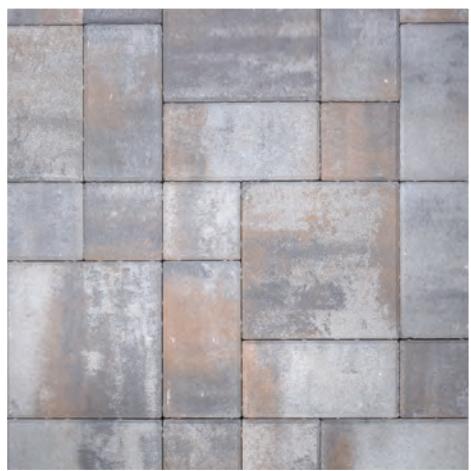


Color: Brown Beige Charcoal
Pattern: Mission 3



Color: Gray Charcoal Tan
Pattern: Mission 3

Colors Mission



Gray Charcoal Tan



Tan Brown Charcoal



Gray Charcoal



Cream Tan Brown



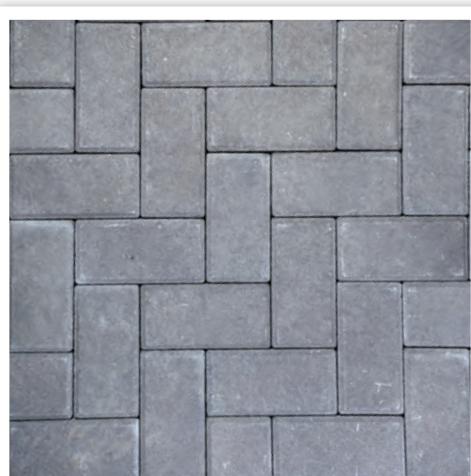
Brown Beige Charcoal



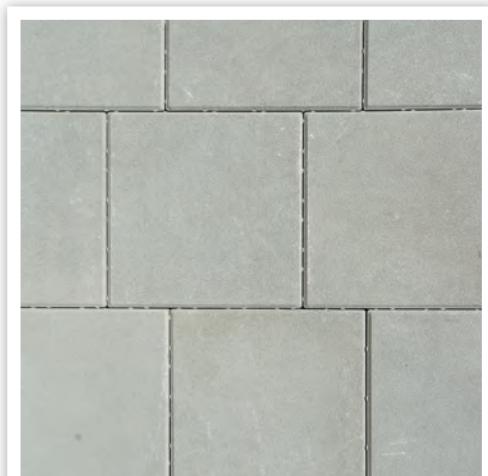
Tan Red Charcoal



Green Gray Charcoal



Charcoal
(available in 6x6 and 4x8 only)



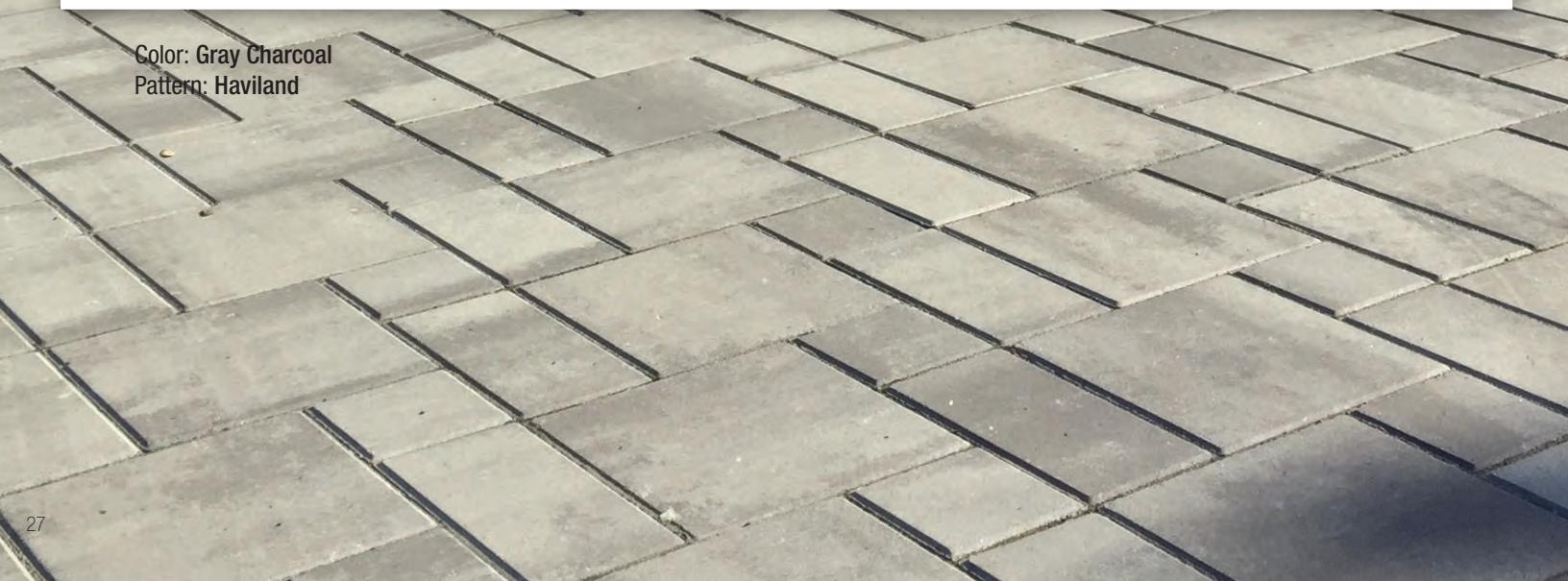
Gray
(available in 16x16 and 24x24 only)

Our **NEW** 16 x 16 and 24 x 24 Mission Paving Stones are available in the following colors:
Brown Beige Charcoal, Cream Tan Brown, Gray Charcoal Tan and Gray

Mission



Color: Cream Tan Brown
Pattern: Mission 3



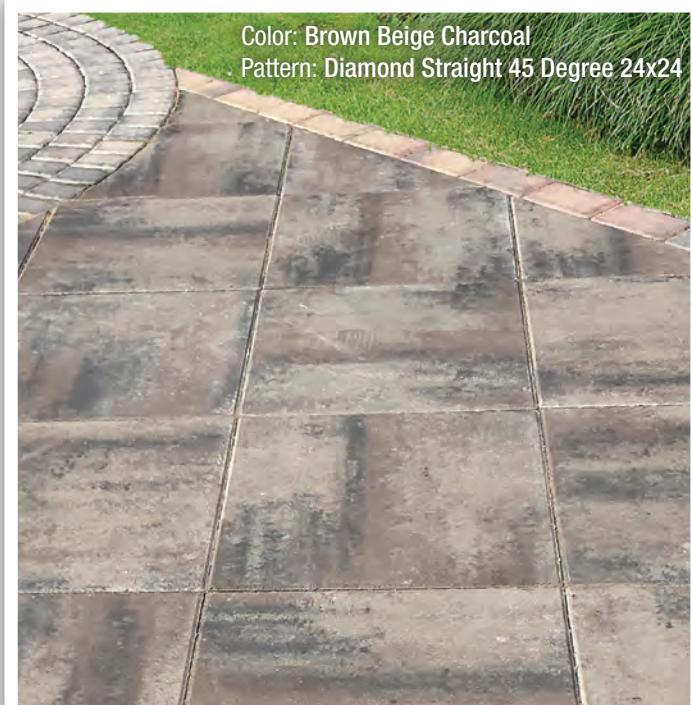
Color: Gray Charcoal
Pattern: Haviland

Product Details - Mission

Units	Nominal Dimensions	Stone FT ²	Stones Pallet	FT ² Pallet
	4 x 8 (60mm)	4.70	486	105
	6 x 6 (60mm)	4.10	432	105
	6 x 12 (60mm)	2.00	216	105
	12 x 12 (60mm)	1.00	108	105
	NEW 16 x 16 (60mm)	0.60	60	103
	NEW 24 x 24 (60mm)	0.26	20	78

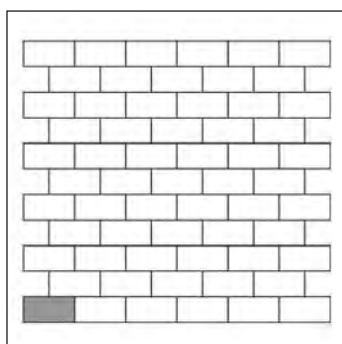
Because of the large format, 16 x 16 and 24 x 24 Mission Paving Stones cannot be used for vehicular traffic.

Our **NEW** 16 x 16 and 24 x 24 Mission Paving Stones are available in the following colors:
Brown Beige Charcoal, Cream Tan Brown, Gray Charcoal Tan and Gray

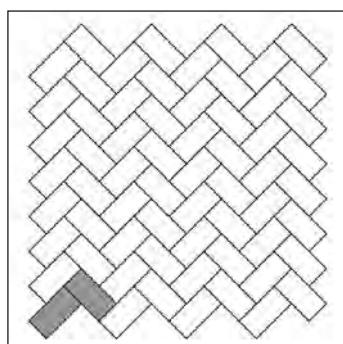


Color: Brown Beige Charcoal
Pattern: Diamond Straight 45 Degree 24x24

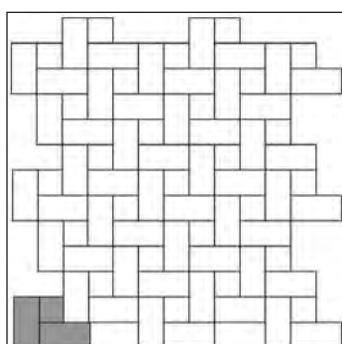
Patterns - Mission



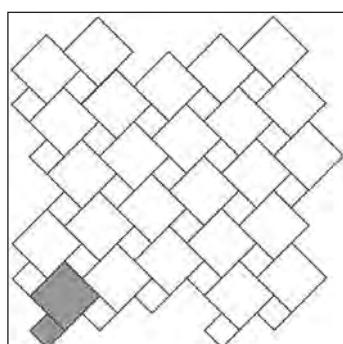
Running Bond
100% 4x8 or 100% 6x12



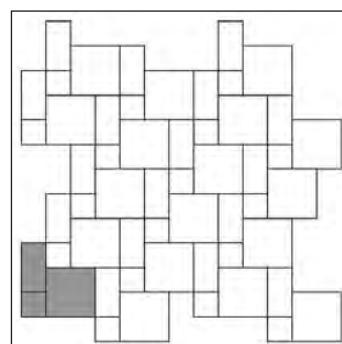
Herringbone 45 Degree
100% 4x8 or 100% 6x12



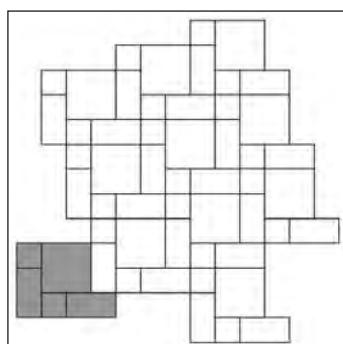
Pinwheel 6
20% 6x6, 80% 6x12



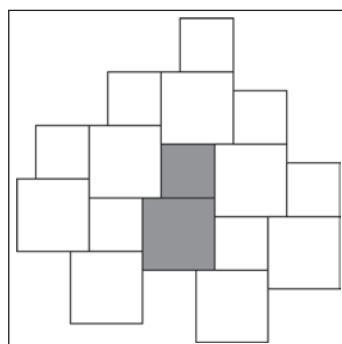
Linen
20% 6x6, 80% 12x12



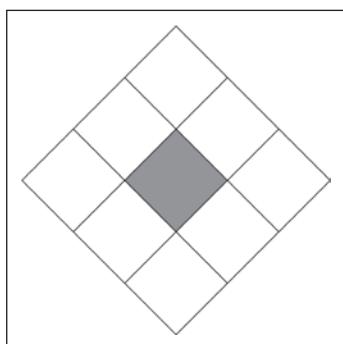
Haviland
14% 6x6, 29% 6x12, 57% 12x12



Mission 3
20% 6x6, 40% 6x12, 40% 12x12



Hopscotch
31% 16x16, 69% 24x24
or 36% 12x12, 64% 24x24



Diamond Straight 45 Degree
100% 16x16 or 100% 24x24

To view or print more patterns visit calstone.com

Antiqued Mission

European Charm

Our antiquing process creates an aged appearance that can transform your driveway, walkway, or patio project into a design with old-world European charm.

Color: Gray Charcoal
Pattern: Pinwheel 6



Color: Brown Beige Charcoal
Pattern: Herringbone 45 Degree

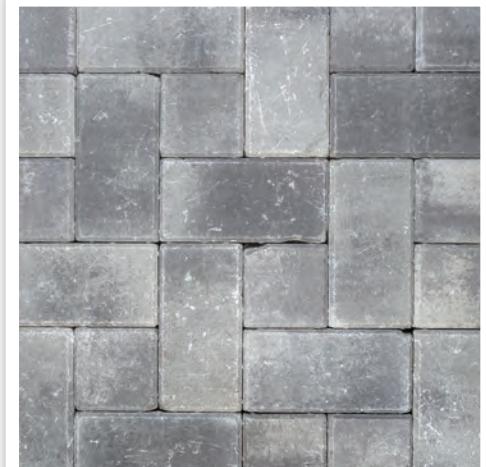
Colors *Antiqued Mission*



Gray Charcoal Tan



Tan Brown Charcoal



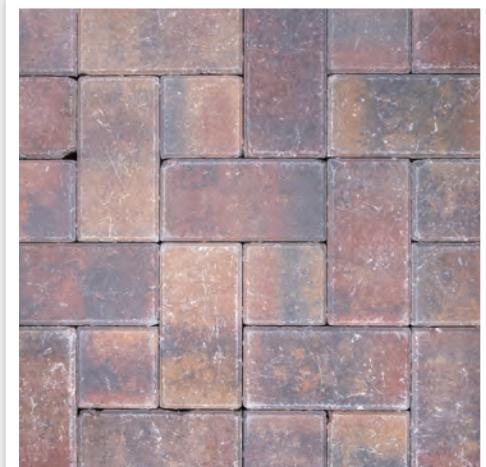
Gray Charcoal



Cream Tan Brown



Brown Beige Charcoal



Tan Red Charcoal



Green Gray Charcoal



Charcoal
(available in 6x6 and 4x8 only)

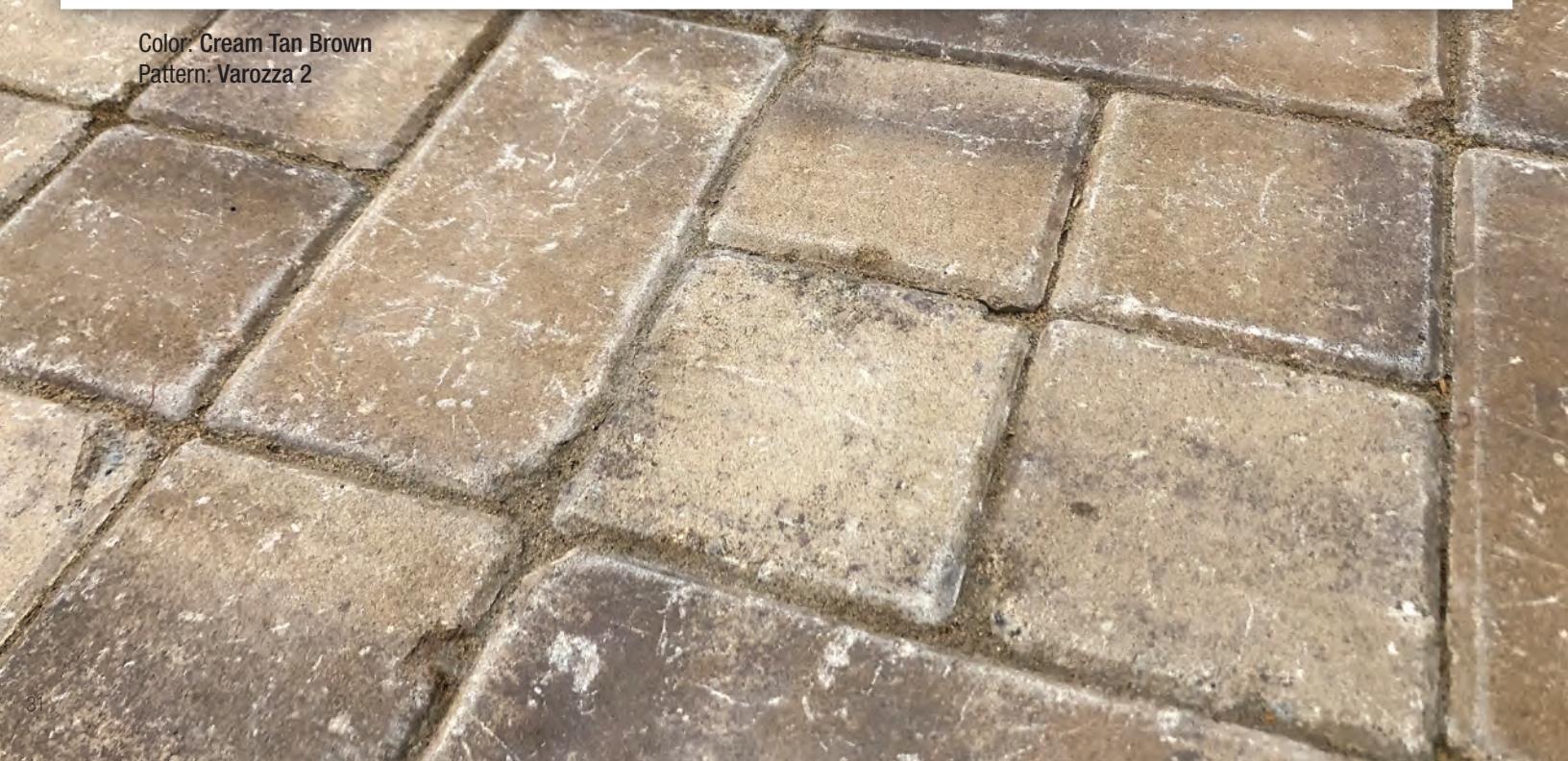
To reproduce the look and feel of natural stone, Antiqued Mission paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Antiqued Mission



Color: Tan Charcoal with Gray Charcoal
Pattern: Haviland

Color: Cream Tan Brown
Pattern: Varozza 2

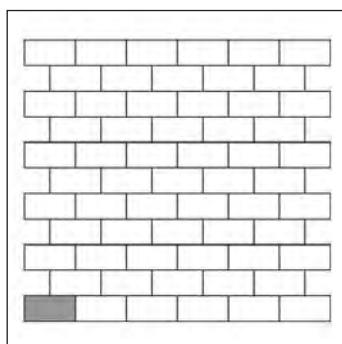


Product Details - Antiqued Mission

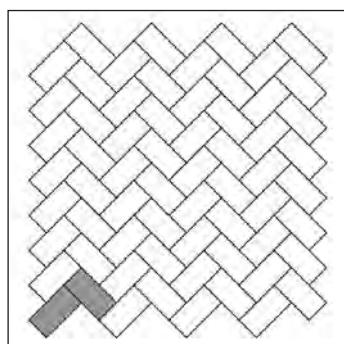
Units	Nominal Dimensions	Stone FT ²	Stones Pallet	FT ² Pallet
	4 x 8 (60mm)	4.7	486	105
	6 x 6 (60mm)	4.1	432	105
	6 x 12 (60mm)	2.0	216	105



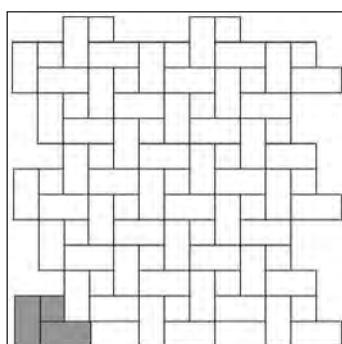
Patterns - Antiqued Mission



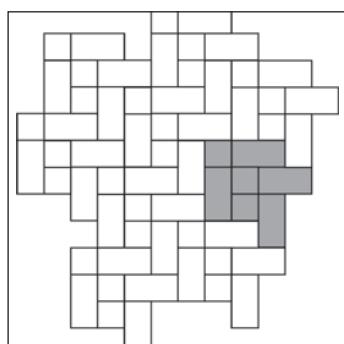
Running Bond
100% 4x8 or 100% 6x12



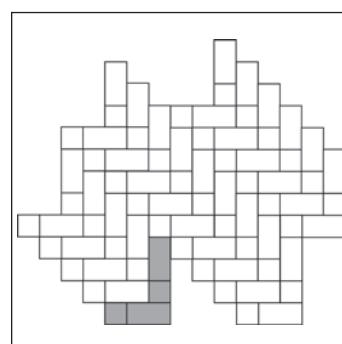
Herringbone 45 Degree
100% 4x8 or 100% 6x12



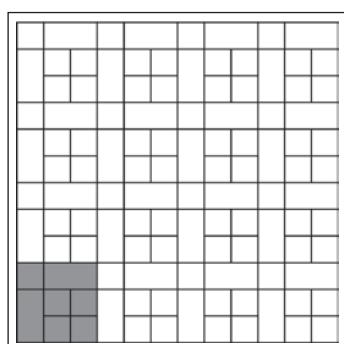
Pinwheel 6
20% 6x6, 80% 6x12



Bay Harbor
27% 6x6, 73% 6x12



Classic
34% 6x6, 66% 6x12



Varozza 2
55% 6x6, 45% 6x12



To view or print more patterns visit calstone.com

Antiqued Flat Top



Simple, Smooth, and Beautiful.

Replicating saw-cut stone, Antiqued Flat Top balances a modern and rustic look with non-chamfered edges, narrow joints, and light antiquing.

Color: Brown Beige Charcoal
Pattern: Pattern 1

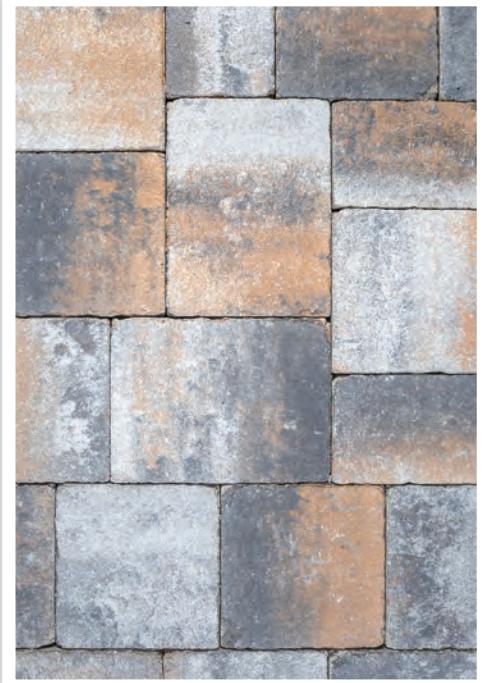
Colors *Antiqued Flat Top*



Brown Beige Charcoal



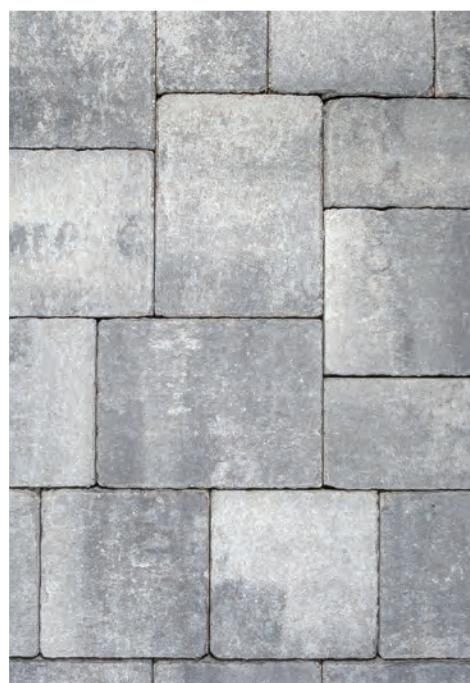
Cream Tan Brown



Gray Charcoal Tan



Tan Red Charcoal



Gray Charcoal



Tan Brown Charcoal

Also available in Charcoal (6x9 only)

To reproduce the look and feel of natural stone, Antiqued Flat Top paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Antiqued Flat Top



Color: Cream Tan Brown
Pattern: Three-Way Running Bond



Color: Gray Charcoal Tan
Pattern: Three-Way Running Bond

Product Details - Antiqued Flat Top

Antiqued Flat Top is manufactured in combination packages. Partial pallets are available in full layer, 12 square foot increments.

Combination Pack - 105 Square Feet = 1 Pallet

Sizes	Nominal Size	Stone FT ²	Stones Pallet
	6 x 9 (60mm)	2.8	72

	9 x 9 (60mm)	1.8	72
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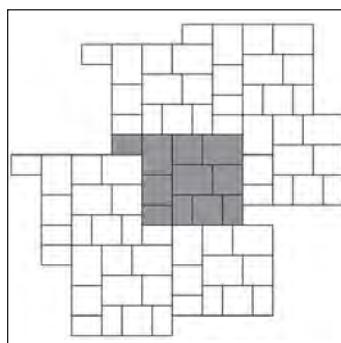
	9 x 12 (60mm)	1.4	54
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Border Pack - 98 Square Feet = 1 Pallet

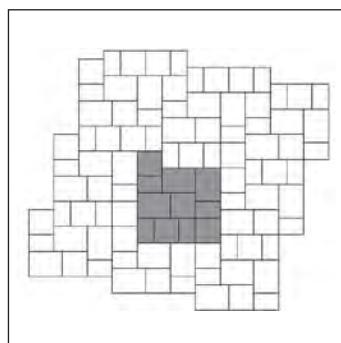
Antiqued Flat Top 6x9 border pack is available by the square foot.

	6 x 9 (60mm)	2.8	270
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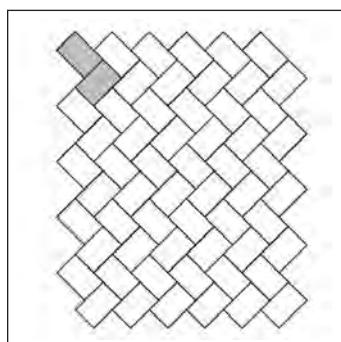
Patterns - Antiqued Flat Top



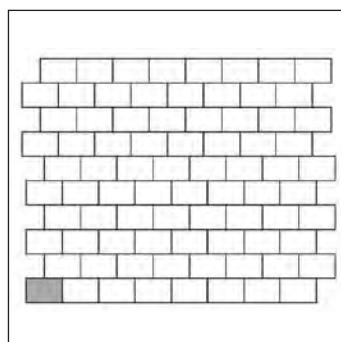
Pattern 1



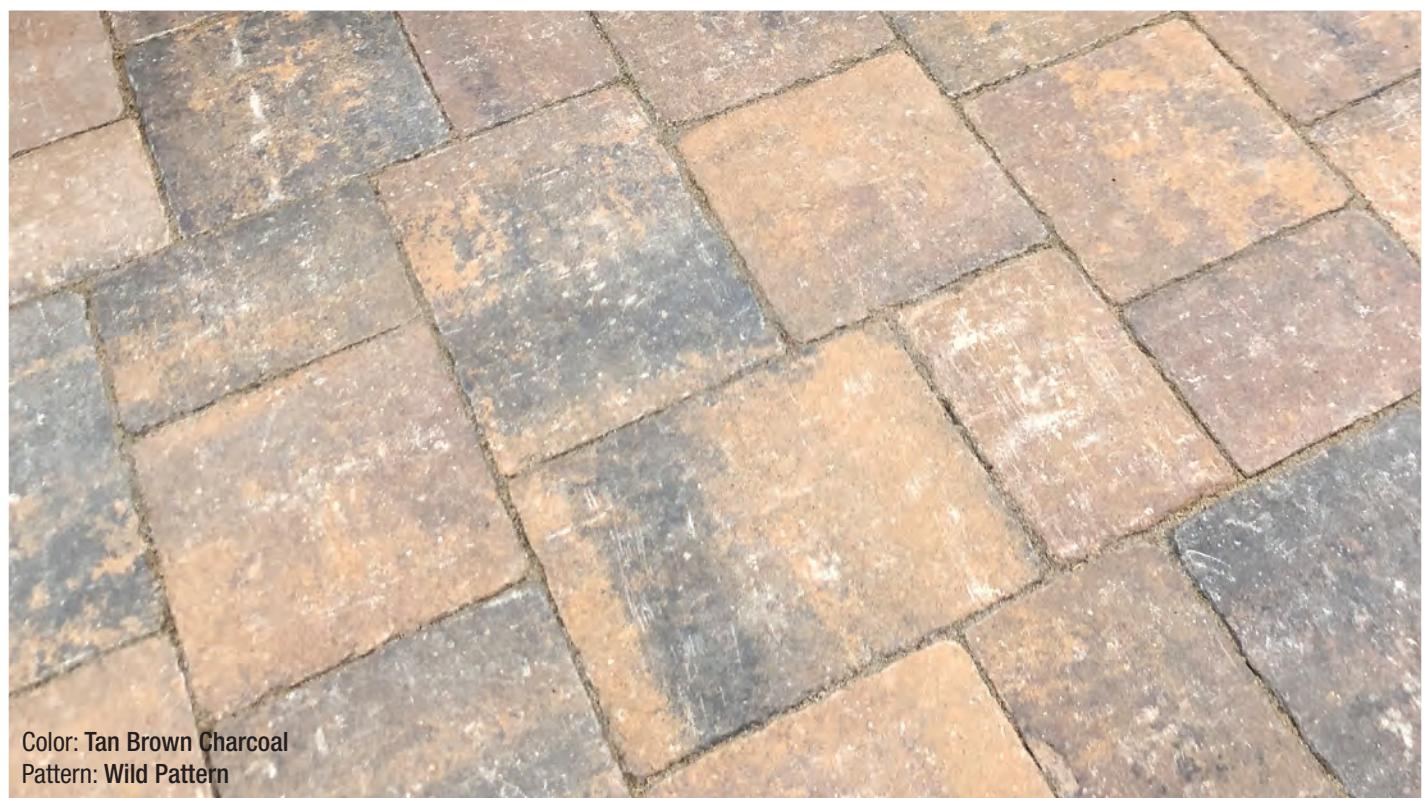
Wild Pattern



Herringbone 45 Degree



Running Bond



To reproduce the look and feel of natural stone, Antiqued Flat Top paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Antiqued Flat Top Large Format



Create Elegant Spaces

Antiqued Flat Top Large Format has a smooth finish, narrow joints and non-chamfered edges with light antiquing. Remaining simple, smooth and beautiful our Large Format incorporates the appearance of Antiqued Flat Top into larger sizes; 8"x16", 16"x16", 16"x24". Inspired by contemporary design styles, Large Format blends to strike harmony with your outdoor landscape by creating fewer joint lines. The larger sized stones are ideal for entryways, walkways, patios, and pool decks.

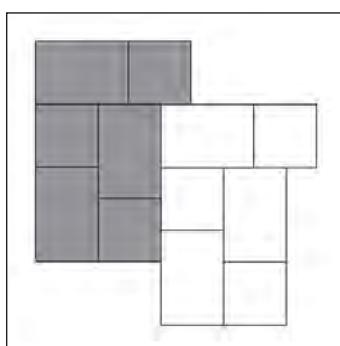
Color: Cream Tan Brown
Pattern: Versailles 5

Product Details - Antiqued Flat Top Large Format

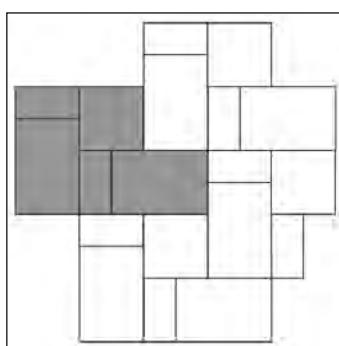
Units	Nominal Dimensions	Stones FT ²	Stones Pallet	FT ² Pallet
	8 x 16 (60mm)	1.20	120	103
	16 x 16 (60mm)	0.60	60	103
	16 x 24 (60mm)	0.40	40	103
	24 x 24 (60mm)	0.26	20	78

Because of the large format, Antiqued Flat Top Large Format **cannot** be used for vehicular traffic.

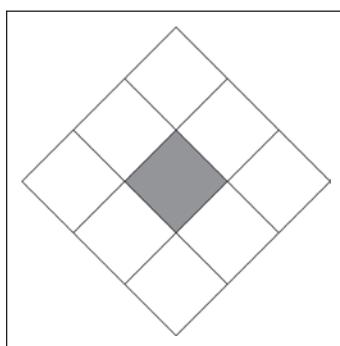
Patterns - Antiqued Flat Top Large Format



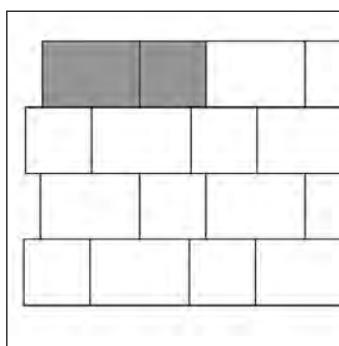
Versailles 2
40% 16x16, 60% 16x24



Versailles 5
20% 8x16, 20% 16x16, 60% 16x24



Diamond Straight 45 Degree
100% 16x16 or 100% 24x24



2-Way Running Bond
50% 16x16, 50% 16x24

Colors - Antiqued Flat Top Large Format



Cream Tan Brown



Gray Charcoal Tan



Tan Brown Charcoal

To reproduce the look and feel of natural stone, Antiqued Flat Top Large Format paving stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Linear/Plank Paver

Urban Looks

The sleek, narrow shape creates the popular urban look for any pedestrian application. With minimal chamferd edge, the new Linear style is appealing for today's progressive designs.

Color: 54, 55, 56
Pattern: Running Bond

Color: 50, 55SB, 56
Pattern: Running Bond

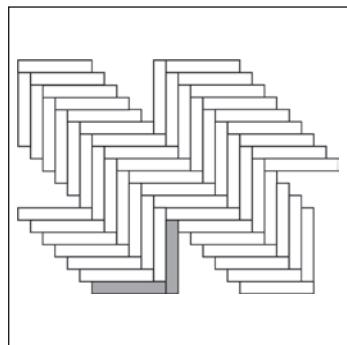


Product Details - Linear/Plank Paver

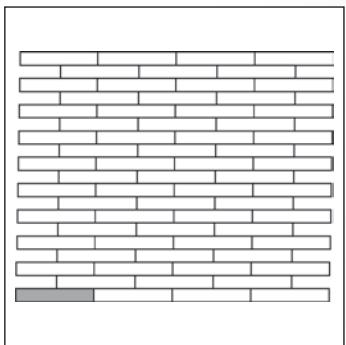
Unit	Nominal Dimensions	Stones FT ²	Stones Pallet	FT ² Pallet
	3 x 18 (80mm)	2.75	216	78

Because of the large format, Linear/Plank Pavers **cannot** be used for vehicular traffic.

Patterns - Linear/Plank Paver



Herringbone
100% 3 x 18

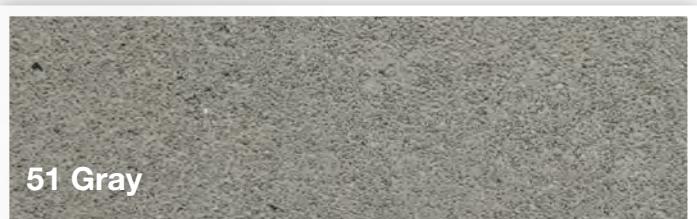


Running Bond
100% 3 x 18

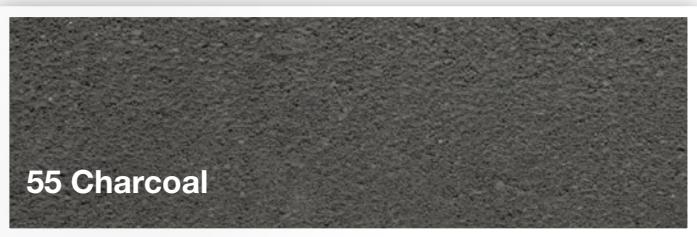
Colors - Linear/Plank Paver



50 White



51 Gray



55 Charcoal

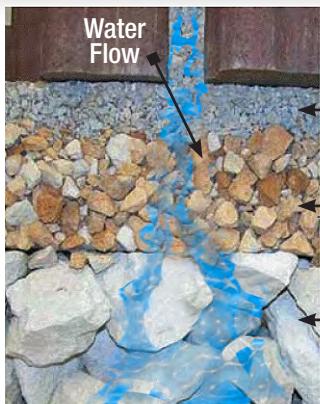


Permeable

Environmentally Friendly

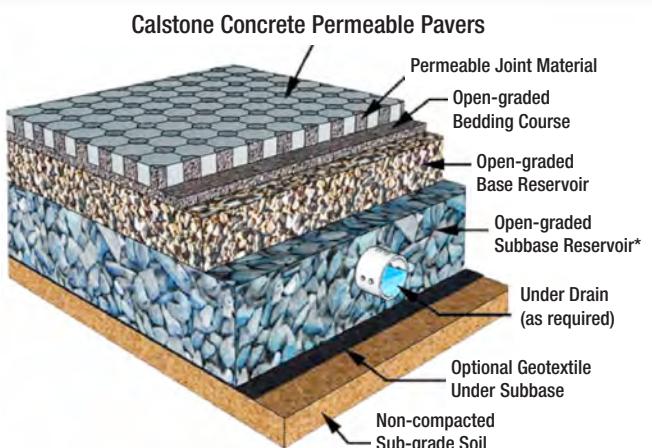
Permeable pavers help the environment by protecting the quality of the water supply. They reduce the amount of storm water runoff entering natural waterways.

Style: Narrow Joint Quarry Stone
Color: Rustic Yellowstone



3 1/8 in. (80 mm) thick Calstone Permeable Pavers

- Open-graded bedding course
- Open-graded base course (OGB)
- Open-graded subbase on non-compacted soil subgrade*



Permeable interlocking concrete pavement (PICP) with open-graded base and subbase for infiltration and storage.

Typical cross (PICP) cross section

* Open graded subbase may not be needed in residential applications.

About “Narrow Joint” Permeable Pavers

We started by developing our own small particle high flow “Fine #9” joint rock filler. Then we reengineered our permeable pavers and reduced the joint gaps by 35%. The result is a permeable interlocking concrete paving system with joint widths under 3/16” and initial infiltration rates in excess of 150”/hr.

Calstone “Fine #9” Joint Rock Must be used with Narrow Joint design

Calstone’s “Fine #9” Joint Rock was specifically designed for our new “Narrow Joint” permeable paving stones and is required for all Narrow Joint installations. This joint rock can also be used with our other interlocking permeable paver products. “Fine #9” will fill joints quickly, provides improved interlock over coarser materials, and provides very high initial infiltration rates.



Style: 6x12 Narrow Joint Mission
Color: Gray Charcoal Tan



Style: 6x9 Narrow Joint Quarry Stone
Color: Rustic Yellowstone

Product Details - Permeable

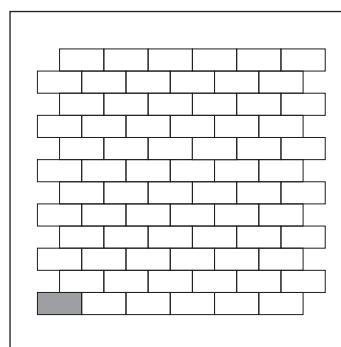
Nominal Sizes	Stone FT ²	Stones Pallet	FT ² Pallet
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4x8/6x12 Narrow Joint Permeable Mission

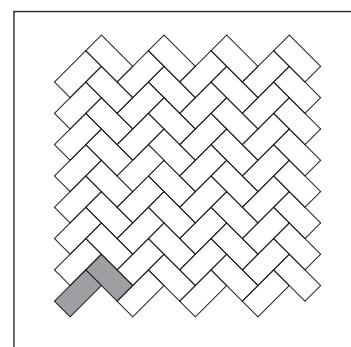
	4 x 8 (80mm)	4.64	432	93
	6 x 12 (80mm)	2.06	192	93

Available in Gray Charcoal Tan and Tan Red Charcoal. Other 4x8 & 6x12 colors are available by special order.

Patterns - Narrow Joint Permeable Mission



Running Bond
100% 4x8 or 100% 6x12



Herringbone 45 Degree
100% 4x8 or 100% 6x12

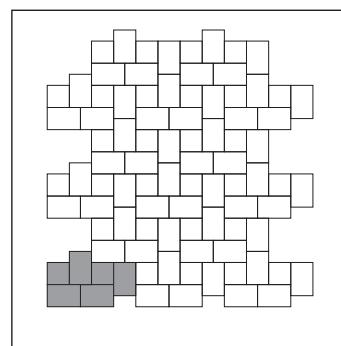
6x6/6x9 Narrow Joint Permeable Quarry Stone

	6 x 6 (80mm)	4.10	384	93
	6 x 9 (80mm)	2.80	240	87

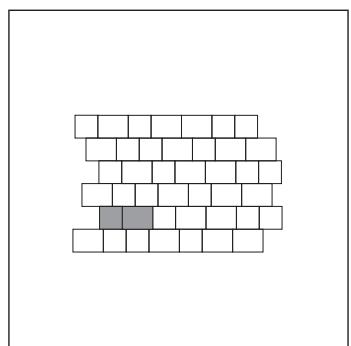
Our 6x6 and 6x9 Narrow Joint Permeable Quarry Stone are stocked in Cameron Cream, Rustic Yellowstone, Sequoia Sandstone, and Sierra Granite.

Other colors available by special order.

Patterns - Narrow Joint Permeable Quarry Stone



Old Town II
25% 6x6, 75% 6x9



Two-Way Running Bond
40% 6x6, 60% 6x9

Bullnose

Edge of Perfection

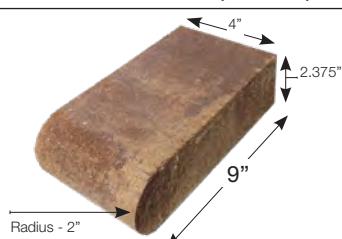
Make your project perfect from beginning to end with these accent pavers, perfect for pool coping, step treads or for bordering a raised patio.

Color: Cream Tan Brown

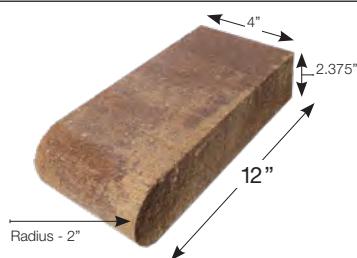


Product Details - Bullnose

Unit	Nominal Dimensions	Stone FT ²	Stones Pallet	FT ² Pallet
9"	4" x 9" (60mm)	3.0	360	120



12"	4" x 12" (60mm)	3.0	312	104
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Color: Charcoal



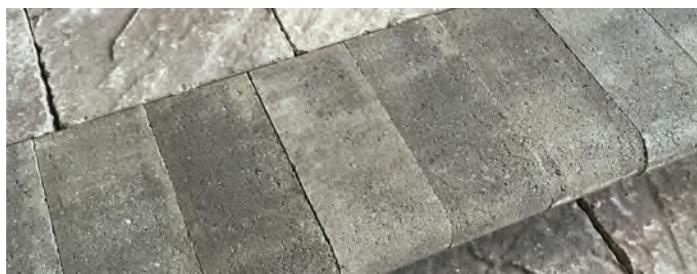
Colors *Bullnose*



Rustic Yellowstone



Sierra Granite



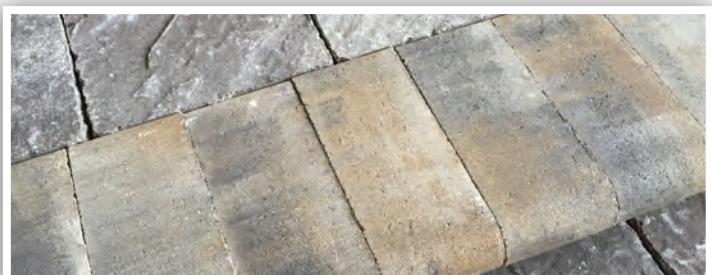
Gray Charcoal



Cream Tan Brown



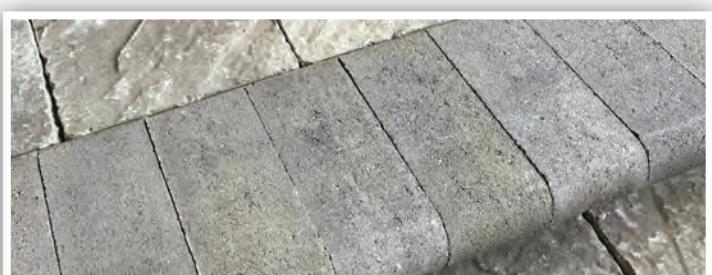
Tan Red Charcoal



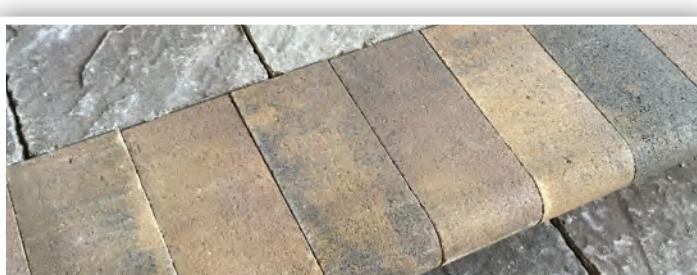
Gray Charcoal Tan



Brown Beige Charcoal



Green Gray Charcoal



Tan Brown Charcoal



Charcoal

Roman Stone



Limitless Versatility

The weathered appearance of Roman Stone is a great alternative to expensive natural stone products. Roman Stone is available in ten unique blended colors designed to complement our full line of pavers.

Applications

- Barbecues
- Fireplaces
- Steps & Stairs
- Columns
- Fire Pits
- Garden Planters
- Seating Walls
- Water Features

Roman Stone Unit Dimensions



Colors Roman Stone



Rustic Yellowstone



Sierra Granite



Gray Charcoal



Cream Tan Brown



Tan Red Charcoal



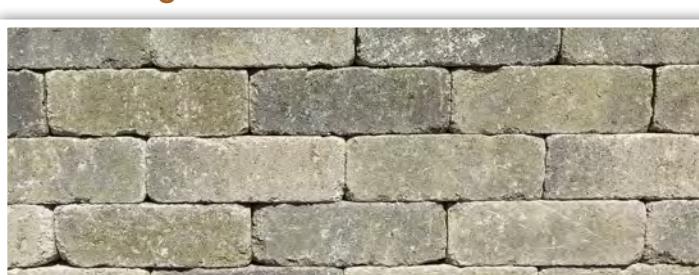
Gray Charcoal Tan



Brown Beige Charcoal



Tan Brown Charcoal



Green Gray Charcoal



Charcoal

To reproduce the look and feel of natural stone, Roman Stones go through a special process to give them an aged appearance that produces random scratches, broken corners and chipped surfaces.

Roman Stone



Water Feature
Color: Tan Charcoal
(Special Order)



Landscape Wall
Color: Brown Beige Charcoal





AB Multi Wall

Antiqued Precision

The Multi-Wall System is a perfect addition to Roman Stone. It's not only efficient for installing curved walls (no cutting) but it's easy to install taller retaining walls as well. It can be used with Roman Stone for columns and capping off to complete any wall.

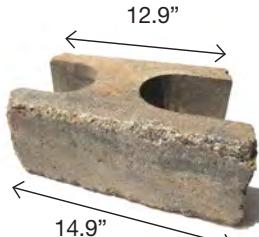
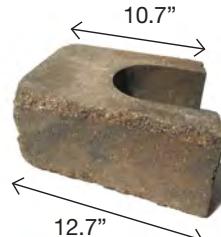
Product Details - AB Multi Wall - Antiqued Precision

Available in multi-size packaging that makes it simple to order and install.

System Sold As:

- 1 ribbon = A unit, B unit, C unit, D unit, E unit = 2 square feet
- 1 pallet = 20 ribbons = 40 square feet

All units are 6" high and have a nominal depth of 9"



A unit

B unit

C unit

D unit

E unit

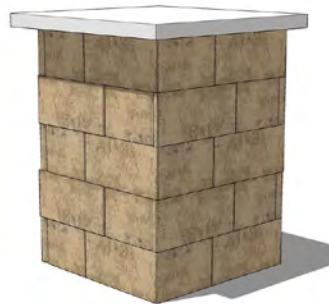
Our Roman Stone is used for capping off to complete the freestanding wall.

Roman Stone:

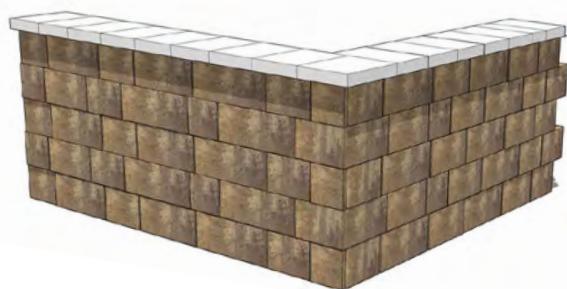
8" d x 4" h x 12" w

1 pallet = 96 pieces

(see page 45 for more info)



AB Multi Wall can be used for predefined curves, retaining walls, straight walls, 90° corners, vertical ends and post-pillars.



Brown Beige Charcoal



Gray Charcoal Tan



Tan Red Charcoal



Cream Tan Brown

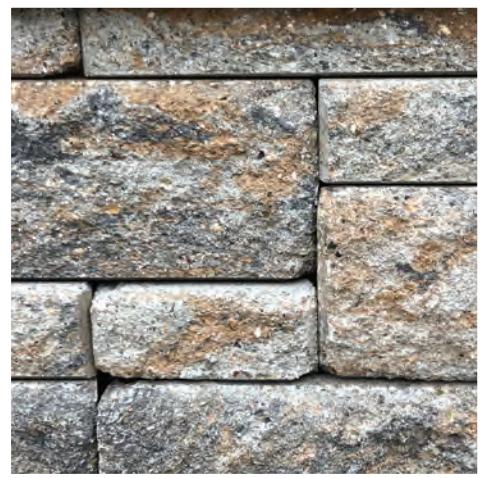
Also available in Tan Brown Charcoal

Retaining Walls

AB Europa® Collection

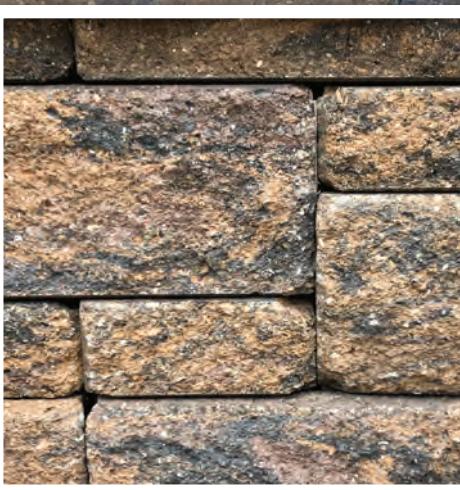


Create Old World Structures

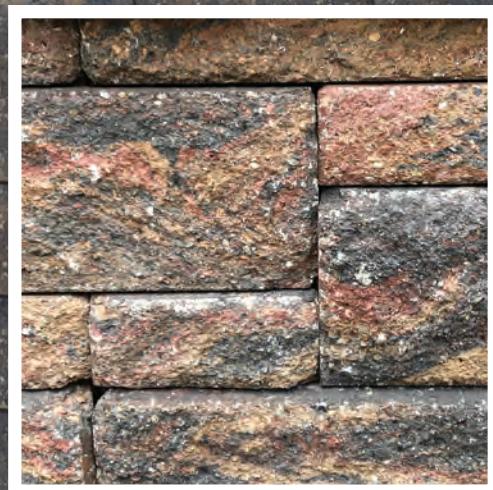


Gray Charcoal Tan

Brown Beige Charcoal



Tan Brown Charcoal



Tan Red Charcoal

**AB Dover**

6 degree setback - 75 lbs.
1.0 sq. ft. coverage (approx.)
8" H x 12" D x 18" L
40 units per pallet

**AB Barcelona**

6 degree setback - 37 lbs.
0.5 sq. ft. coverage (approx.)
4" H x 12" D x 18" L
40 units per pallet

**AB Palermo**

6 degree setback - 39 lbs.
0.5 sq. ft. coverage (approx.)
8" H x 12" D x 9" L
80 units per pallet

**AB Bordeaux**

6 degree setback - 19 lbs.
0.25 sq. ft. coverage (approx.)
4" H x 12" D x 9" L
80 units per pallet

**NEW AB Europa Corner**

6 degree setback - 154 lbs/pair
1.65 sq.ft. coverage (approx.)
8" H x 11"D x 11"/19" L
20 pairs per pallet
(Left Corner is Displayed)

**NEW AB Cap**

40 lbs. per unit
0.3 sq.ft. coverage (approx.)
4" H x 12" D x 12" L
72 units per pallet

allanblock.com

Specifications and dimensions are approximate. Check with your Calstone AB Representative for exact details. Color samples are for reference only, view an actual sample before making a final selection.

Retaining Walls

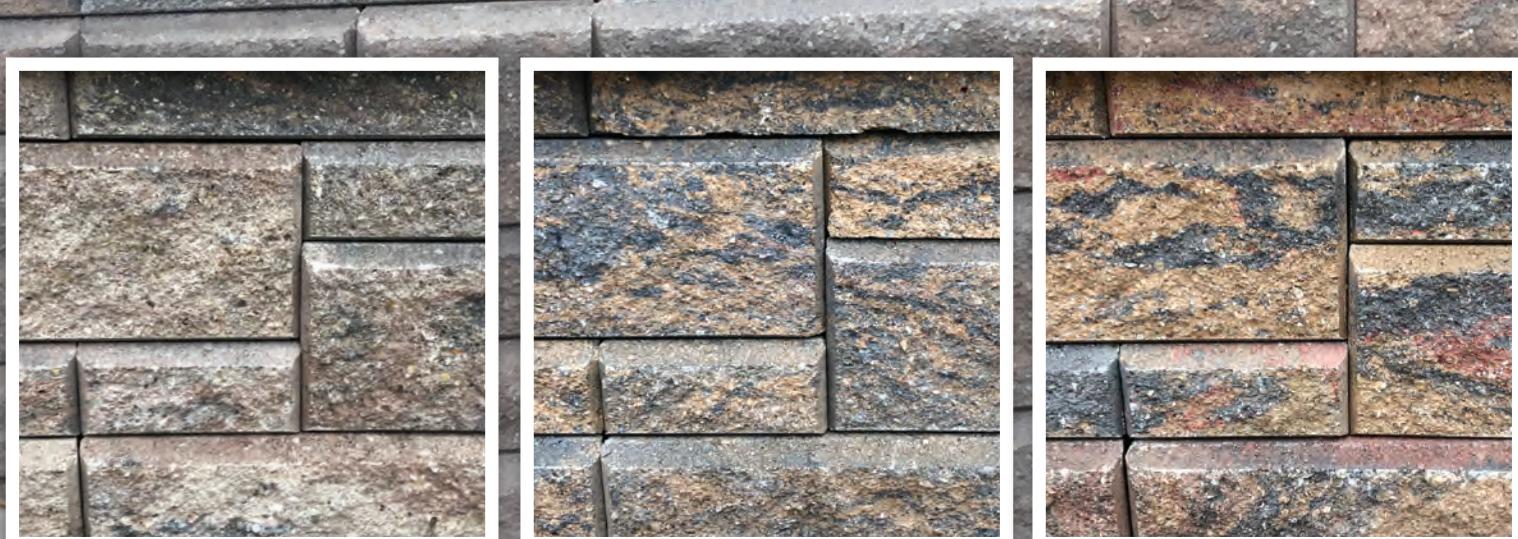
AB® Collection



Beauty, Integrity, Performance



Gray Charcoal Tan



Brown Beige Charcoal

Tan Brown Charcoal

Tan Red Charcoal

AB Classic, Corner, and Cap units are also available in solid Tan and Gray.

**AB Stone** (*in Tan or Gray only*)

12 degree setback - 75 lbs.
1.0 sq. ft. coverage (approx.)
8" H x 12" D x 18" L
40 units per pallet

**AB Lite Stone**

6 degree setback - 37 lbs.
0.5 sq. ft. coverage (approx.)
4" H x 12" D x 18" L
40 units per pallet

**AB Classic**

6 degree setback - 75 lbs.
1.0 sq. ft. coverage (approx.)
8" H x 12" D x 18" L
40 units per pallet

**AB Junior Lite**

6 degree setback - 19 lbs.
0.25 sq. ft. coverage (approx.)
4" H x 12" D x 9" L
80 units per pallet

**AB Jumbo Jr.**

6 degree setback - 39 lbs.
0.5 sq. ft. coverage (approx.)
8" H x 12" D x 9" L
80 units per pallet

**NEW AB Corner**

6 degree setback - 154lbs/pair
1.65 sq.ft. coverage (approx.)
8" H x 11"D x 11"/19" L
20 pairs per pallet
(Left Corner is Displayed)

**NEW AB Cap**

40 lbs. per unit
0.3 sq.ft. coverage (approx.)
4" H x 12" D x 12" L
72 units per pallet

allanblock.com

Specifications and dimensions are approximate. Check with your Calstone AB Representative for exact details. Color samples are for reference only, view an actual sample before making a final selection.

Turfstone

Turfstone Concrete Grid Pavers provide the beauty of a lawn with the structural performance of pavement. Turfstone allows for water permeability and eliminates storm water runoff.



Product Details - Original Turfstone

Unit	Nominal Dimensions	Stone FT ²	Stones Pallet	FT ² Pallet
	16 x 24 (80mm)	0.39	50	129

For proper installation procedures visit:
icpi.org/Calstone Choose Tech Spec #8

Turfstone is stocked in gray.

Accessories



CALSTONE PAVING STONE - JOINT SAND

- Fast joint filling
- Non staining
- Maximum interlock
- Wash out resistant



ALLIANCE POLYMERIC SUPER SAND G2

This new generation of Intelligent Polymers neutralizes haze and dust. Use in joints up to 2". No blower is needed and the intelligent polymeric sand requires only one watering.

Available in Beige and Gray.



CALSTONE "FINE #9" - JOINT ROCK

Calstone's "Fine #9" Joint Rock was specifically designed for our "Narrow Joint" permeable paving stones (see page 42) and is required for all Narrow Joint installations. This joint rock can also be used with our other interlocking permeable paver products.



ALLIANCE POLYMERIC GATORMAXX

Gatormaxx is similar to Super Sand but with 20% more polymeric binders. Use in joints up to 2", steep slopes, overlays, and non-drainage applications.

Available in Beige and Gray



SEK POLYSWEEP POLYMERIC SAND

Manufactured using native sands and "Clear Set" polymers SEK Polysweep is guaranteed not to haze and comes with a lifetime warranty. Testing shows Polysweep to have superior cohesive and adhesive strength. A proprietary blend of non-gelling polymers allow full joint activation and easy installation. Use in joints up to 3/4". Suitable for use in all segmental paving applications including concrete, clay, porcelain, and natural stone, pavers.

Available in Tan, Gray and Platinum



ALLIANCE POLYMERIC GATORMAXX G2

Gatormaxx G2 is similar to Super Sand G2 but with 20% more polymeric binders. Use in joints up to 4", steep slopes, overlays and non-drainage applications.

Available in Beige and Gray



SEK X-TREME WIDE JOINT POLYSWEEP POLYMERIC SAND

Similar to standard Polysweep but with a higher percentage of polymers for use in joints up to 4" for concrete, clay, porcelain, and natural stone, segmental paving.

Available in Tan, Gray and Platinum



ALLIANCE GATOR DUST

Gator dust is made with coarse sand for larger joints from 1/2" to 6". Recommended in pedestrian use only. Ideal for wide joint natural or manufactured flagstone paving.

Available in Beige and Gray



ALLIANCE POLYMERIC SUPER SAND

Once Super sand sets, it becomes very firm and locks between the paver joints while still retaining flexibility and providing a long lasting, durable jointing material. Use in joints up to 1". Recommended for a variety of uses including pool decks, patios, and driveways, and any other pedestrian applications.

Available in Beige and Gray

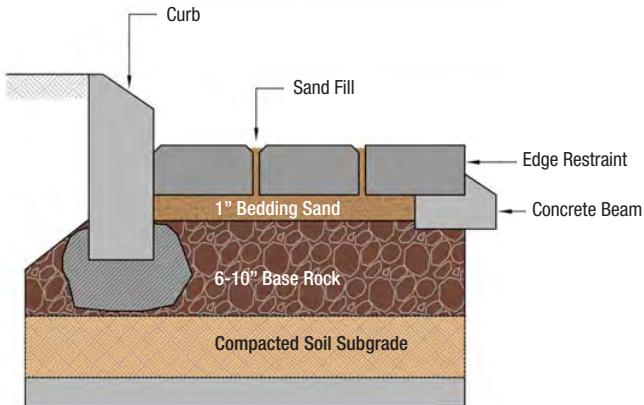


ALLIANCE GATOR BOND QUICK CURING ADHESIVE

- Easy to apply
- Water-resistant, freeze-thaw stable
- Super strength, flexible for long-lasting professional installation of pavers, slate, marble, brick, stone and concrete

FAQ

What does a typical paving stone installation cross section look like? See Sample Below:



How are pavers installed?

The Basic installation process works like this: pavers are placed on one inch of bedding sand over a compacted aggregate base. (The thickness of the base will vary depending on the application, Soil stabilization fabric may also be added to increase stability). Pavers and sand are retained using edge restraints. Commonly used edge restraints include concrete curbing, plastic edge restraints, aluminum edge restraints, and concrete edge bond beams. The pavers are compacted into the bedding sand using a vibratory plate compactor. Sand is then swept into the joints and again compacted, creating "interlock."

Regardless of which Calstone paver shape, color, or pattern you choose, installation involves interlocking the pavers with joint sand. This provides pavement superiority in a multitude of ways. The pavers distribute traffic loading over a greater surface. The pavers remain flexible and can withstand minor and major movements of soils. Maintenance and repairs (if required) are simplified because no mortar is used in the installation process.

What is that white stuff on my pavers?

Occasionally, some pavers may have a whitish residue upon them. The whitish colored residue is called efflorescence. Efflorescence is a natural by-product from the cement hydration process and can be found in any concrete or mortar product. Calcium oxide inside the paver reacts with water in the capillaries and forms calcium hydroxide. This seeps to the surface, and reacts with the carbon dioxide in the air to form calcium carbonate, a whitish residue. When moisture on the surface evaporates, the white efflorescence becomes visible.

If efflorescence is present, it will wear off over the course of time with traffic and the elements. If you wish to speed up the removal of efflorescence, Calstone recommends the Aldon Paver Restore.

Can I expect every paving stone to be perfect?

Some of your pavers may have slight surface variations. Although we attempt to make every paving stone perfect there will always be a small percentage that has imperfections including de-molding marks, incidental scuffing, flashing, efflorescence, and some color variation. This is normal and is part of the manufacturing process that gives the stones individuality. Although we have an extensive quality control process, the paving stones are manufactured out of natural materials, then packaged and shipped to their final location. During the manufacturing and shipping process, up to 3% of the paving stones in any given shipment will have imperfections.



Are paving stones slippery?

No. In fact, Calstone paving stones exceed the Caltrans standards for friction coefficient (slip and skid resistance) for freeways and highway constructions. Pavers also surpass the slip resistance standards established by the American Disabilities Act.

Why are some of my pavers scuffed?

Pavers become scratched and scuffed, or "bruised", in many ways before and during installation. These marks are normal and will disappear over time. Common causes are abrasion during transportation, handling scratches during placement, and scuffing during the vibration compaction process. The vibration compaction process is likely the most stress the pavers will ever see.

What are Calstone's antiquing standards?

Calstone employs two different antiquing methods that are specific to the product being treated. The two methods we use are barrel tumbled antiquing and hammer antiquing. Regardless of the method used, our objective is to randomly distress the stones to in order to achieve an imperfect aged appearance. All antiqued stones will have at least one, and possibly all of the following characteristics: Broken edges, broken corners, abrasions chipping, temporary scratches and muted color vibrancy.

Should I use polymeric sand?

Polymeric sand is a mixture of polymer binders and specialty joint sand which is installed almost identical to using regular paver joint sand except for the application of water. It is durable, long-lasting and easy to maintain. It helps prevent erosion due to wind, rain, and freeze thaw cycles along with deterring weed growth and damage caused by burrowing insects. Calstone recommends Alliance polymeric sand for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, etc. It is available in gray or beige colors.

Why are my pavers fading?

There are several reasons why pavers appear to be fading. Efflorescence is the primary cause for Duraface premium pavers. Efflorescence is a natural by-product of the cement hydration process and can be found in any concrete or mortar product. Calcium oxide inside the paver reacts with water in the capillaries and forms calcium hydroxide. This seeps to the surface and reacts the carbon dioxide in the air to form calcium carbonate, a whitish residue. When moisture on the surface evaporates, the whitish efflorescence becomes visible. Dirt, dust and stains are other reasons that give the appearance of fading. Efflorescence and most stains can be removed by using Aldon Paver Restore. Dirt and dust can be removed with a proper cleaning. There are many articles and webinars, including cleaning and maintenance information, found at icpi.org/calstone. All pavers should be clean prior to sealing.

Why do colors look so different?

Paving stone color can change depending on the amount of sunlight that hits them. For instance bright mid-day sunlight will lighten the color, while dusk or dawn will darken the color. When choosing one of Calstone's full range of blended colors, check the area where the pavers will be installed throughout the day. It's best to check in bright sunlight, filtered sunlight and even at night when landscape lights shine on the area. Calstone provides free samples you can take home when you're considering your color selection. Samples are available for pick up at our manufacturing facilities.



Direct Sunlight



In Shade

Do I Need To Seal My Calstone Pavers?

Sealing is an option. But sealing the pavers does have some advantages. Sealing your pavers will:

- Make clean-up of oil, food, or vegetation stains easier.
- Help stabilize the joint sand from being washed out by rains or heavy cleanings.
- Help prevent efflorescence from occurring or recurring.
- Help prevent vegetation growth.
- Darken and brighten the color pigments in your pavers.

Sealing your pavers can take place immediately upon completion of installation or at any time in the future provided the pavers are clean and weather permitting. The area to be sealed should be cleaned and allowed to thoroughly dry (approximately 3-5 days of warm weather) before the application of the sealer can take place. Although pavers may appear dry on the surface, it is very important to wait the prescribed drying time before the application of the sealer.

How do I clean my pavers?

When properly installed, pavers require very little maintenance, but eliminating many reasons why pavers need to be cleaned is important. This should include preventing weed growth which is topical, by pulling weeds or using polymeric joint sand. Eliminating sources that stain pavers such as leaking oil from vehicles, sprinklers hitting area which can cause efflorescence, food stains, and organic staining from trees and landscaping. There are several cleaners on the market that can address each of these particular issues. Contact a Calstone sales representative for specific suggestions on condition of your pavers.

For additional information, here is the link to the ICPI Tech Spec on cleaning pavers icpi.org/tech-specs-pdf/601/959. Tech Spec #2 (Construction of Interlocking Concrete Pavements).

How Do I Cut The Pavers?

The two basic methods for cutting pavers are either with a diamond saw blade or mechanical paver splitter. Because of their high strength, pavers are hard to cut. A paver splitter, with a little practice, will make a nice cut but cannot make smaller precision pieces. For more precision cuts and difficult pieces around down spouts, drains, utility boxes, etc., a brick saw using a wet diamond blade is recommended.

Important note: If wet cutting, be careful to not drip or spray the contaminated water onto the pavers. This type of staining is extremely, if not impossible to remove. Pavers should be rinsed thoroughly before placing them into the laying field.

Where do I find paving stone installation guidelines?

For proper installation procedures visit: icpi.org/Calstone Choose Tech Spec #2 (Construction of Interlocking Concrete Pavements).

About Us

Calstone has serviced Northern California with high-quality concrete masonry and landscaping products for over 70 years. Established in 1947 in San Carlos, Calstone has four state-of-the-art manufacturing/distribution facilities located in Gilroy, Galt, San Martin, and Tracy. These regional locations enable us to provide our products as far north as Eureka, as far south as Fresno and as far east as Reno.

Calstone produces over 600 varieties and sizes of concrete masonry, landscaping products and custom-made units—making us a leader in paving stone design and innovation. New equipment and molds are frequently added to keep pace with improvements and design changes in the industry, and our patent-pending color manufacturing process is second to none.



Our management participates in industry associations such as California Concrete Masonry Association (CMACN), National Concrete Masonry Association (NCMA), Interlocking Concrete Pavement Institute (ICPI) and a host of local organizations.

Service is Calstone's hallmark, and our customer relations policies stem from our strong family-run business ethic that spans three generations. Our highly qualified customer service and sales staff are on call to answer any questions you may have. Support is provided by a select group of distributors and technical assistance is provided to contractors and architects when needed.

If you are looking for a quality product, excellent service, and practical solutions for your creative ideas, look to Calstone.



CALSTONE

Because Quality Matters

Calstone takes a great deal of pride in manufacturing the highest quality concrete products. Because of this commitment,

Calstone will guarantee our interlocking concrete pavers and retaining walls against manufacturing defects, including cracking and breaking, for as long as you own your home.

This guarantee does not apply to splitting, chipping or other breakage that could be caused by impact abrasion or overloading. This warranty is only valid if the material is installed under the guidelines of the ICPI and NCMA installation guidelines. This warranty is for residential construction only. Calstone's obligation is limited to the supplying of new material at no charge. Calstone will not be responsible for any replacement labor. Color matching cannot be guaranteed.



Matt Morey, President

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fax (408) 686-9127

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Galt, CA 95632
phone (209) 745-2981
fax (209) 745-2983

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Gilroy, CA 95020
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Tracy
426 East Grant Line Road
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