

CALSTONE

Because Quality Matters

RESIDENTIAL HARDSCAPE COLLECTION



DURAFUSION
TECHNOLOGY

calstone.com

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The colors and photographs displayed throughout our catalog are printed as accurately as possible. However, due to the variables in the printing process, actual colors may differ slightly.

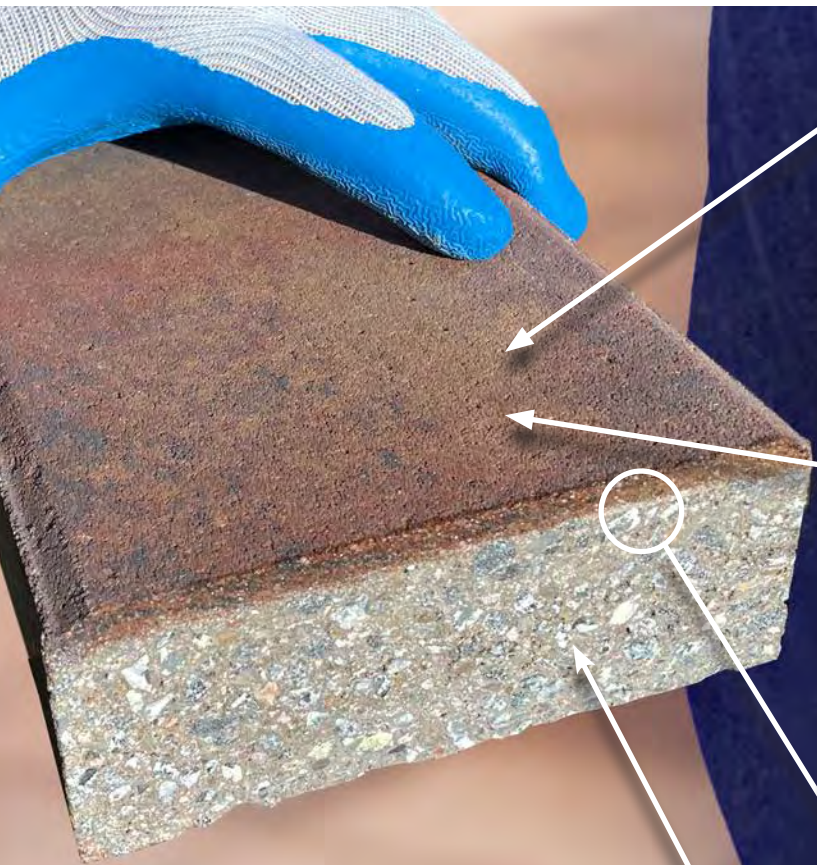


STYLE: QUARRY STONE
COLOR: SEQUOIA SANDSTONE



What is DuraFusion Technology?

DuraFusion Technology, perfected by Calstone, chemically fuses two high performance concrete mixtures into one. The surface mixture is smooth and consistent, with exceptional wear resistance, and unsurpassed color retention. The base mixture is a high density concrete designed for extreme durability and ultimate strength.



**BETTER ON THE TOP
BETTER ON THE BOTTOM
BETTER ALL THE WAY THROUGH**



SUPERIOR SURFACE

Our premium DuraFusion Pavers use specialty sands that 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 pigment.



VIBRANT COLORS

Our premium DuraFusion Pavers have a higher pigment content which intensifies the color of the cement paste giving bolder longer-lasting colors. We use white cement, which creates a broader range of colors in our products with incredible vibrancy.



EXTREME DURABILITY

Our premium DuraFusion Pavers have a higher cement content than standard pavers. Our high quality cement paste is the glue that bonds sand particles together and makes our pavers incredibly durable.



SUPER STRENGTH

Our DuraFusion Technology allows us to design the base concrete layer of the paver for ultimate compressive strength without having to make any aesthetic compromises.

25 YEARS

OF DEDICATION AND COMMITMENT TO PERFECTING DURAFUSION TECHNOLOGY

- We have dedicated **25** years to perfecting our premium DuraFusion Technology. We have traveled the world to learn how to manufacture the strongest, most durable paving stones in the industry that maintain their color and appearance for a lifetime.
- In the last **25** years we have manufactured over **100,000,000** square feet of DuraFusion pavers.
- We stock more than **2,000,000** square feet of DurfaFusion pavers with over **250** styles, sizes and colors to choose from.
- We have over **90** local professional tradesman distribution channels, committed to supporting your project needs.
- We have qualified customer service and sales representatives that are on call to answer any questions you may have.



Worn DuraFusion pavers



Worn Standard pavers

PRODUCT APPLICATIONS



| PAGE | PRODUCT | SIZE | HEIGHT | PEDESTRIAN | PATIOS | POOL DECKS | LIGHT VEHICULAR | HEAVY VEHICULAR | PERMEABLE |
|------|--|----------------|--------|------------|--------|------------|-----------------|-----------------|-----------|
| 19 | Quarry Stone | 6x6 | 60mm | ● | ● | ● | ● | | |
| 19 | Quarry Stone | 6x9 | 60mm | ● | ● | ● | ● | | |
| 19 | Quarry Stone | 9x9 | 60mm | ● | ● | ● | ● | | |
| 19 | Quarry Stone | 9x12 | 60mm | ● | ● | ● | ● | | |
| 21 | Quarry Stone Circle | multiple sizes | 60mm | ● | ● | ● | ● | | |
| 25 | Versailles | 8x8 | 60mm | ● | ● | ● | | | ● |
| 25 | Versailles | 8x16 | 60mm | ● | ● | ● | | | ● |
| 25 | Versailles | 16x16 | 60mm | ● | ● | ● | | | ● |
| 25 | Versailles | 16x24 | 60mm | ● | ● | ● | | | ● |
| 27 | <i>Narrow Joint</i> Permeable Quarry Stone | 6x6 | 80mm | ● | ● | ● | ● | ● | ● |
| 27 | <i>Narrow Joint</i> Permeable Quarry Stone | 6x9 | 80mm | ● | ● | ● | ● | ● | ● |
| 29 | Belgian Stone | multiple sizes | 60mm | ● | ● | ● | ● | | ● |
| 33 | Classic Cobble | 6 x 4 1/2 | 60mm | ● | ● | ● | ● | | |
| 33 | Classic Cobble | 6x6 | 60mm | ● | ● | ● | ● | | |
| 33 | Classic Cobble | 6x9 | 60mm | ● | ● | ● | ● | | |
| 33 | Classic Cobble | 9x12 | 60mm | ● | ● | ● | ● | | |
| 35 | Classic Cobble Circle Kit | multiple sizes | 60mm | ● | ● | ● | ● | | |
| 39 | Antiqued Cobble | 6 x 4 1/2 | 60mm | ● | ● | ● | ● | | |
| 39 | Antiqued Cobble | 6x6 | 60mm | ● | ● | ● | ● | | |
| 39 | Antiqued Cobble | 6x9 | 60mm | ● | ● | ● | ● | | |
| 39 | Antiqued Cobble | 9x12 | 60mm | ● | ● | ● | ● | | |
| 43 | Mission | 4x8 | 60mm | ● | ● | ● | ● | | |
| 43 | Mission | 6x6 | 60mm | ● | ● | ● | ● | | |
| 43 | Mission | 6x9 | 60mm | ● | ● | ● | ● | | |
| 43 | Mission | 6x12 | 60mm | ● | ● | ● | ● | | |
| 43 | Mission | 12x12 | 60mm | ● | ● | ● | ● | | |
| 43 | Mission | 16x16 | 60mm | ● | ● | ● | | | |
| 49 | Mission | 24x24 | 60mm | ● | ● | ● | | | |
| 47 | Antiqued Mission | 4x8 | 60mm | ● | ● | ● | ● | | |
| 47 | Antiqued Mission | 6x6 | 60mm | ● | ● | ● | ● | | |
| 47 | Antiqued Mission | 6x9 | 60mm | ● | ● | ● | ● | | |
| 47 | Antiqued Mission | 6x12 | 60mm | ● | ● | ● | ● | | |
| 49 | <i>Narrow Joint</i> Permeable Mission | 4x8 | 80mm | ● | ● | ● | ● | ● | ● |
| 49 | <i>Narrow Joint</i> Permeable Mission | 6x6 | 80mm | ● | ● | ● | ● | ● | ● |
| 49 | <i>Narrow Joint</i> Permeable Mission | 6x12 | 80mm | ● | ● | ● | ● | ● | ● |
| 51 | Pavilion | multiple sizes | 60mm | ● | ● | ● | ● | | |
| 51 | Pavilion | 6x9 | 60mm | ● | ● | ● | ● | | |
| 55 | Antiqued Flat Top | multiple sizes | 60mm | ● | ● | ● | ● | | |
| 55 | Antiqued Flat Top | 6x9 | 60mm | ● | ● | ● | ● | | |
| 57 | <i>Large Format</i> Antiqued Flat Top | 8x16 | 60mm | ● | ● | ● | | | |
| 57 | <i>Large Format</i> Antiqued Flat Top | 16x16 | 60mm | ● | ● | ● | | | |
| 57 | <i>Large Format</i> Antiqued Flat Top | 16x24 | 60mm | ● | ● | ● | | | |
| 57 | <i>Large Format</i> Antiqued Flat Top | 24x24 | 60mm | ● | ● | ● | | | |
| 59 | Linear | 3x9 | 80mm | ● | ● | ● | ● | ● | |
| 59 | Linear | 3x18 | 80mm | ● | ● | ● | | | |
| 61 | Turfstone | 16x24 | 80mm | ● | | | ● | | ● |
| 63 | EZ Grid | 12x12 | 80mm | ● | | | ● | | ● |



PEDESTRIAN

Product is suitable for pedestrian use.



PATIOS

Product is suitable for residential patio areas.



POOL DECKS

Product is suitable for residential pool decks.



LIGHT VEHICULAR

Product is suitable for residential driveways and parking lots with limited traffic.



HEAVY VEHICULAR

Product is suitable for heavy vehicular traffic such as parking lots and roadways.
80mm min thickness with aspect ratio not to exceed 3:1 for commercial vehicular applications.



PERMEABLE

Product is suitable for use in permeable paving applications to reduce or eliminate stormwater runoff.

NOTE:

All Product Applications indicated by green dots in the chart (*shown on opposite page*) are general guidelines and should be used for reference only.

Commercial paving stone applications require a site specific design by a professional engineer. Contact your Calstone Representative to answer any questions about product applications.

PHOTO GALLERY

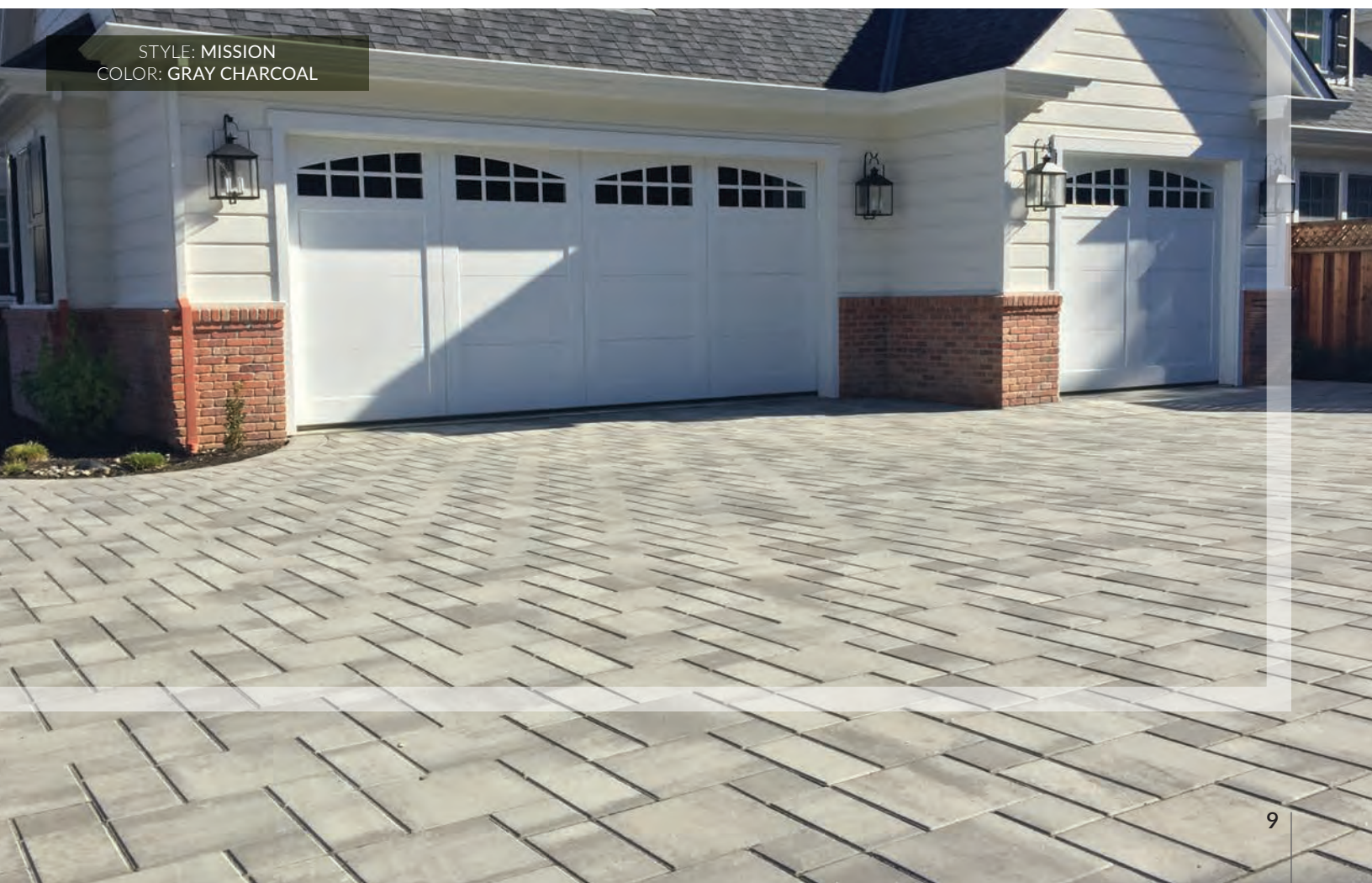
A large swimming pool with a stone retaining wall and a waterfall feature. The pool is surrounded by a paved deck and lush landscaping. The retaining wall is made of Allan Block Europa Retaining Wall in Tan Charcoal color. The pool deck is made of Quarry Stone in Sequoia Sandstone color. The pool is surrounded by a paved deck and lush landscaping. The retaining wall is made of Allan Block Europa Retaining Wall in Tan Charcoal color. The pool deck is made of Quarry Stone in Sequoia Sandstone color.

STYLE: ALLAN BLOCK EUROPA RETAINING WALL
COLOR: TAN CHARCOAL (SPECIAL ORDER)

STYLE: QUARRY STONE
COLOR: SEQUOIA SANDSTONE



STYLE: QUARRY STONE
COLOR: CAMERON CREAM



STYLE: MISSION
COLOR: GRAY CHARCOAL



STYLE: CLASSIC COBBLE
COLOR: BROWN BEIGE CHARCOAL



STYLE: QUARRY STONE
COLOR: CHACO CANYON

STYLE: QUARRY STONE & BULLNOSE
COLOR: RUSTIC YELLOWSTONE
PATTERN: QS1

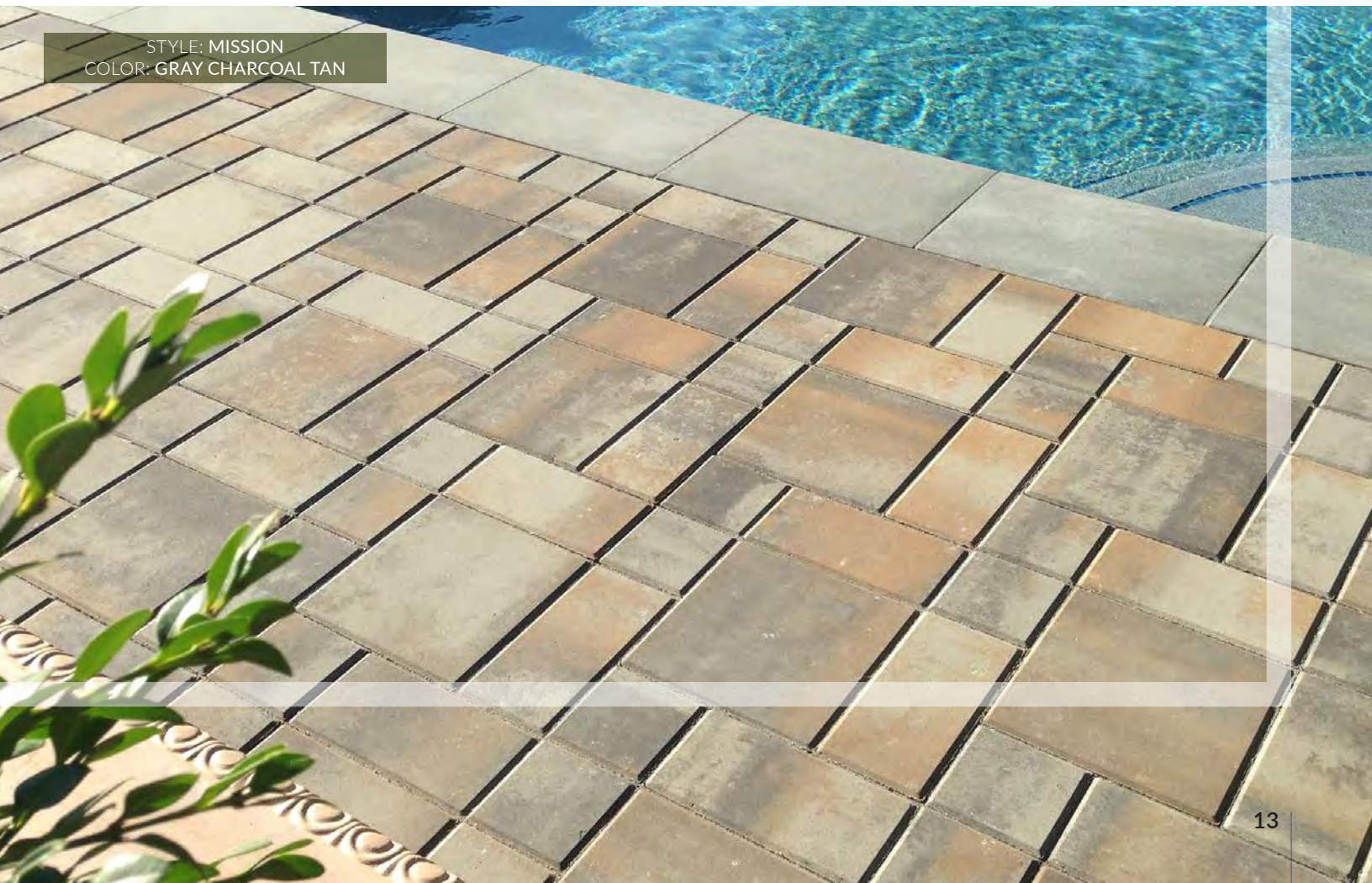


STYLE: VERSAILLES
COLOR: SEQUOIA SANDSTONE





STYLE: BELGIAN STONE
COLOR: OAK BARREL



STYLE: MISSION
COLOR: GRAY CHARCOAL TAN



STYLE: VERSAILLES
COLOR: RUSTIC YELLOWSTONE

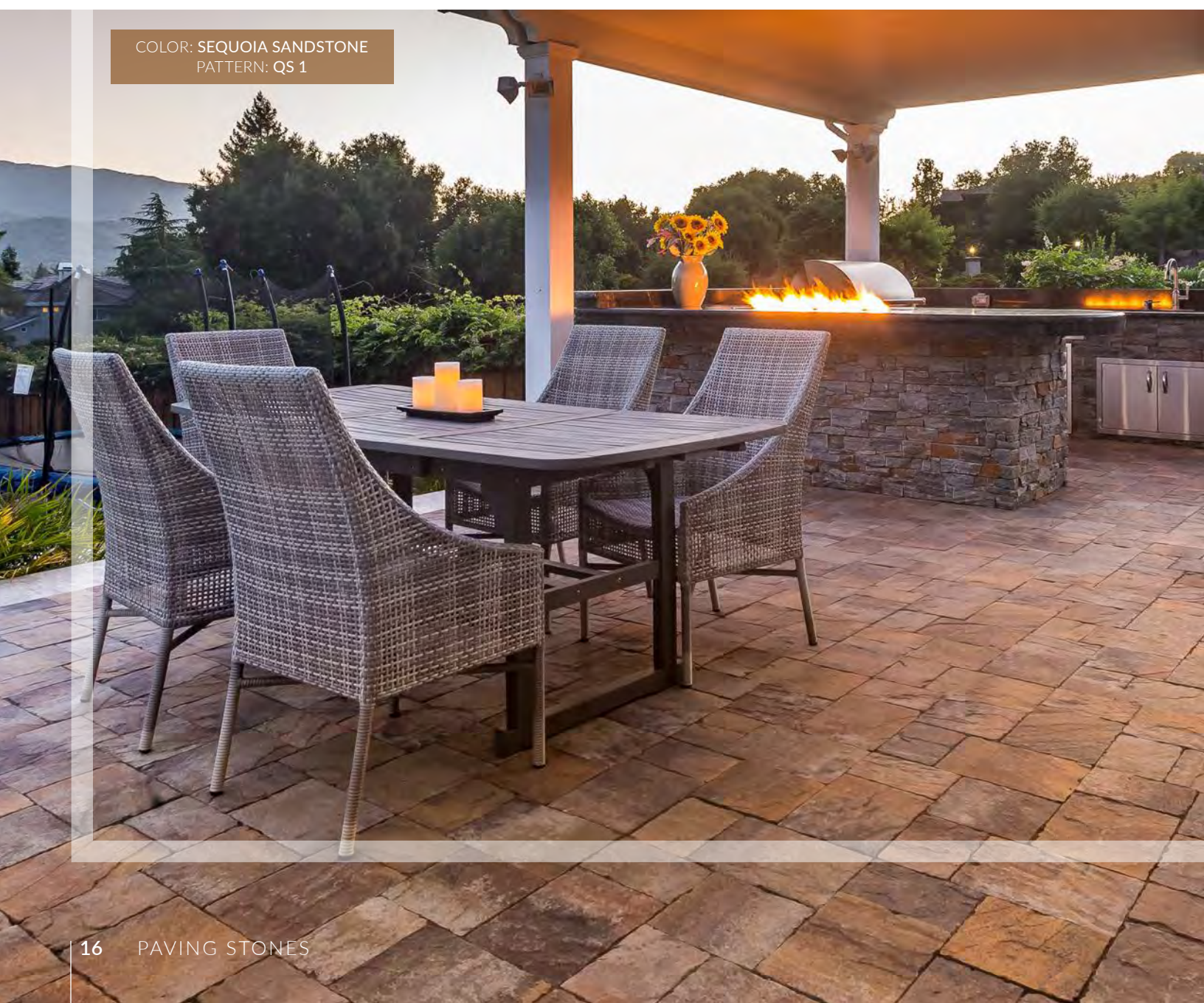
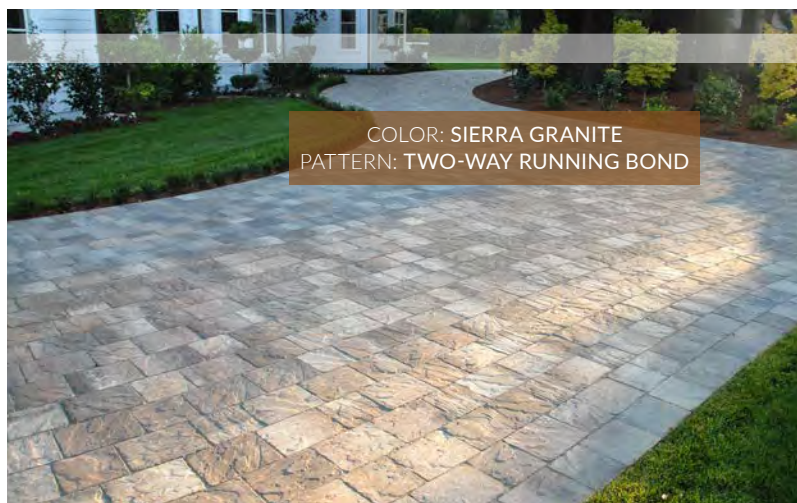


STYLE: QUARRY STONE
COLOR: SEQUOIA SANDSTONE

STYLE: MISSION
COLOR: CREAM TAN BROWN



QUARRY STONE





COLOR: RUSTIC YELLOWSTONE
PATTERN: QS 1

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

QUARRY STONE / COLORS



Oak Barrel



Sunset Terracotta
(May require additional lead time)



Cameron Cream



Sequoia Sandstone



Rustic Yellowstone



Sierra Granite



Chaco Canyon



Connecticut Fieldstone



Charcoal
(stocked in 6x9 only)

PRODUCT DETAILS

Quarry Stone Applications (60mm):



PEDESTRIAN







PATIOS



POOL DECKS



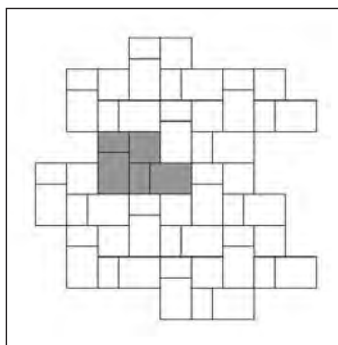
LIGHT
VEHICULAR

| 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 |

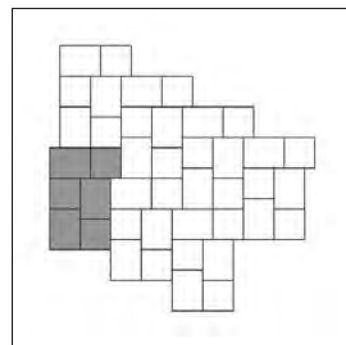
* Quarry Stone pavers **ARE** designed for use in permeable and sand set applications (see page 27 for additional details)

Quarry Stone is manufactured using an exclusive Calstone hammer antiquing process that generates random chips, scratches, and mildly broken corners to reproduce the look of natural stone mined from earth.

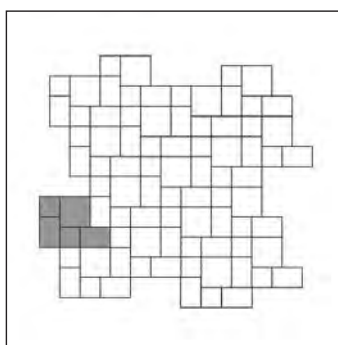
PATTERNS



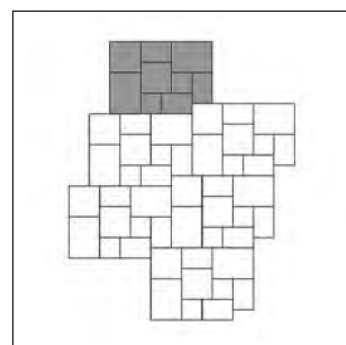
QS 1
27% 6x9, 20% 9x9, 53% 9x12



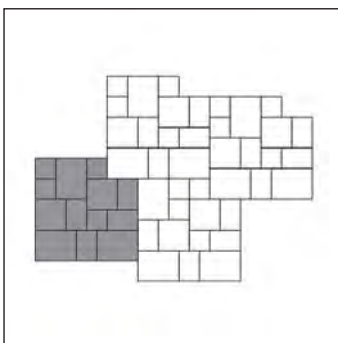
QS 2
43% 9x9, 57% 9x12



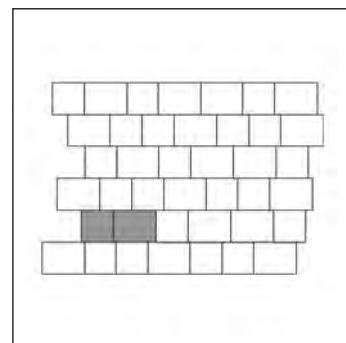
QS 3
28% 6x6, 41% 6x9, 31% 9x9



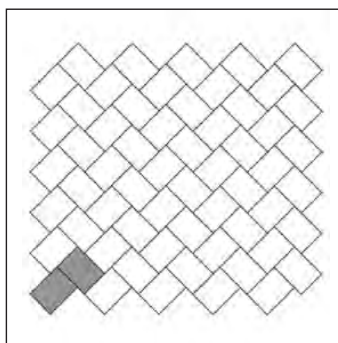
QS 4
12% 6x6, 26% 6x9,
27% 9x9, 35% 9x12



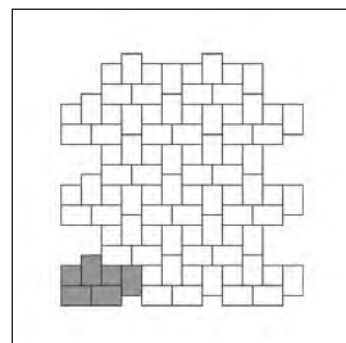
QS 8
17% 6x6, 26% 6x9,
19% 9x9, 38% 9x12



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

QUARRY STONE CIRCLE KIT



COLOR: SEQUOIA SANDSTONE













COLOR: SUNSET TERRACOTTA
& RUSTIC YELLOWSTONE
PATTERN: CUSTOM CIRCLE FANS

Quarry Stone Circle Kit is manufactured using an exclusive Calstone hammer antiquing process that generates random chips, scratches, and mildly broken corners to reproduce the look of natural stone mined from earth.

INSTALLATION GUIDE

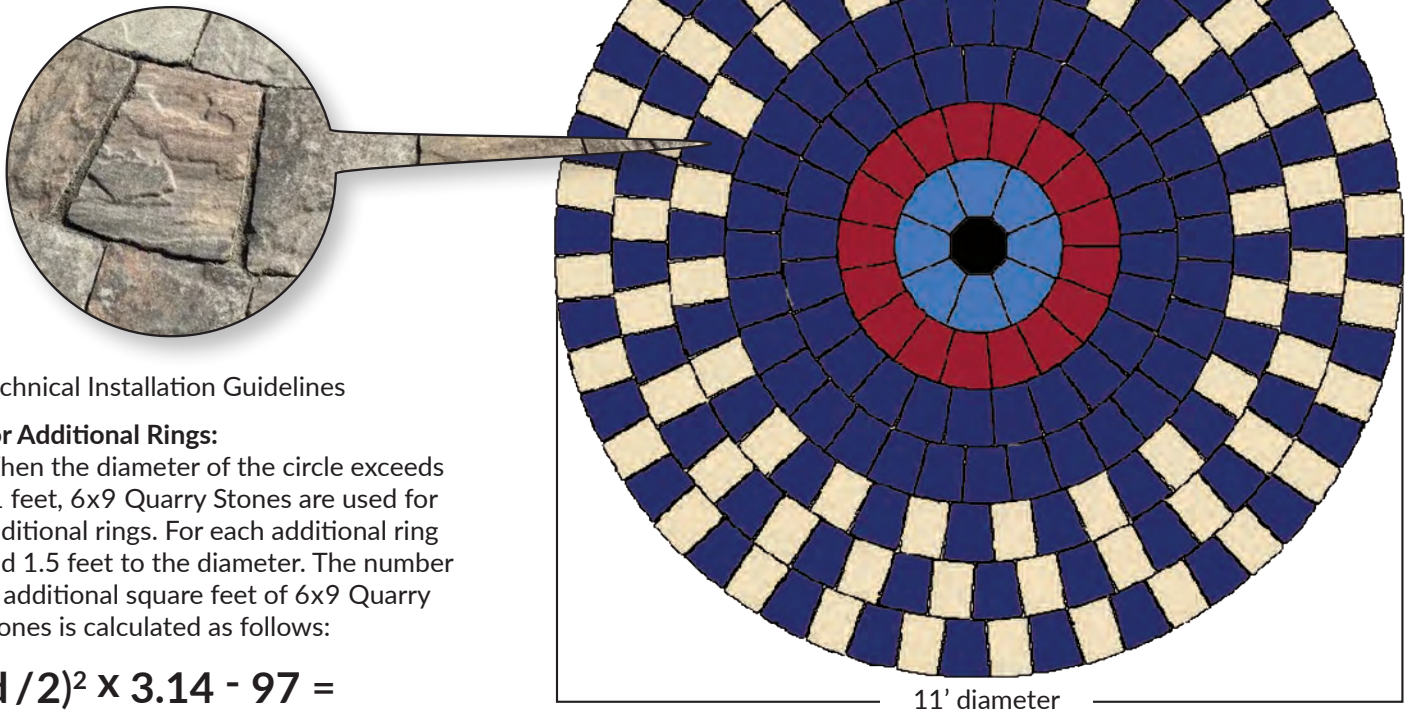
11' Diameter - 97 Square Feet = 1 pallet
(sold in full pallets only)

| 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 |

Quarry Stone Circle Kits are stocked in our Quarry Stone colors. (see swatches on page 18).

Note: The gaps between stones in circle kits vary in size.



Technical Installation Guidelines

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 right)

VERSAILLES



Versailles incorporates a natural stone appearance and is ideal for walkways, patios, pool decks and large pedestrian areas.





COLOR: SIERRA GRANITE
PATTERN: 16X24 RUNNING BOND

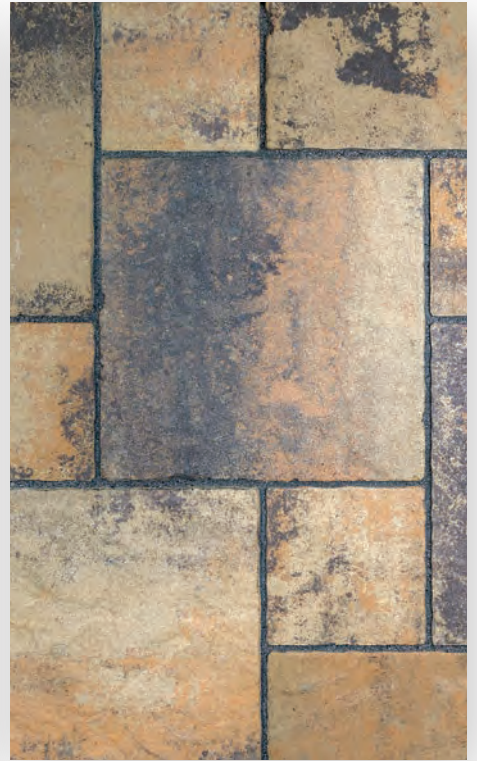
VERSAILLES / COLORS



Sierra Granite



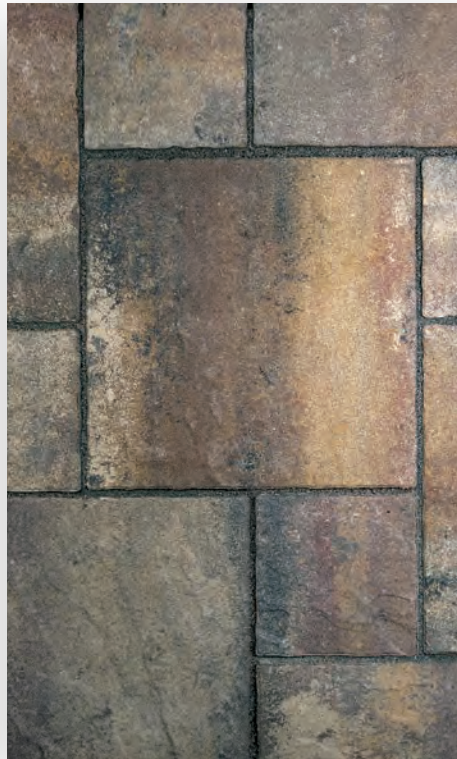
Sequoia Sandstone



Rustic Yellowstone



Oak Barrel *



Chaco Canyon *



Cameron Cream *

**May require additional lead time.*

PRODUCT DETAILS

Versailles Applications:



PEDESTRIAN







PATIOS



POOL DECKS



PERMEABLE*

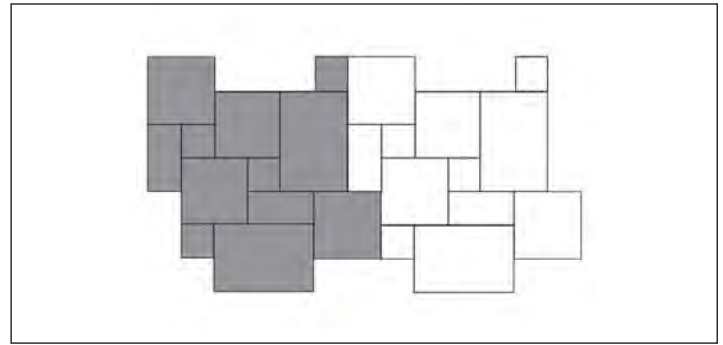
| Units | Nominal Dimensions | Stones FT ² | Stones Pallet | FT ² Pallet |
|---|--------------------|------------------------|---------------|------------------------|
|  | 8 x 8 (60mm) | 2.3 | 240 | 103 |
|  | 8 x 16 (60mm) | 1.2 | 120 | 103 |
|  | 16 x 16 (60mm) | 0.6 | 60 | 103 |
|  | 16 x 24 (60mm)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

* Versailles pavers **CAN** be used in permeable applications.

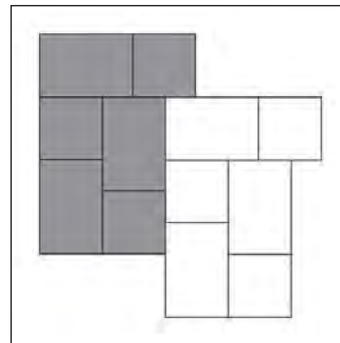
Because of the large format, Versailles **CANNOT** be used for light or heavy vehicular traffic.

Versailles is manufactured using an exclusive Calstone hammer antiquing process that generates light chips, and scratches to reproduce the look of natural dimensional flagstone.

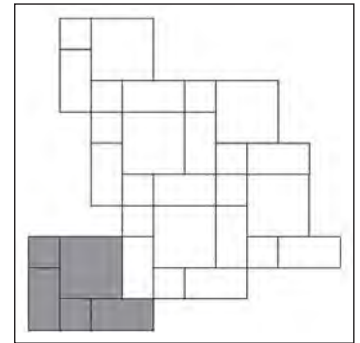
PATTERNS



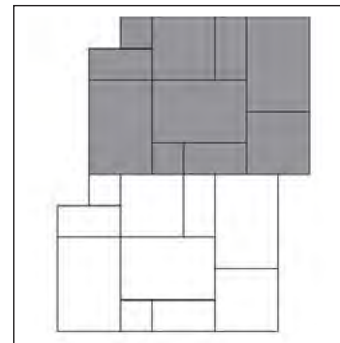
Versailles 1
11% 8x8, 11% 8x16, 45% 16x16, 33% 16x24 / Infiltration Rate: 62"/hr



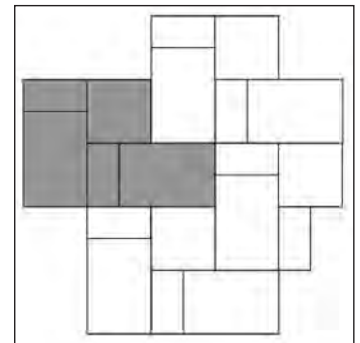
Versailles 2
40% 16x16, 60% 16x24
Infiltration Rate: 52"/hr



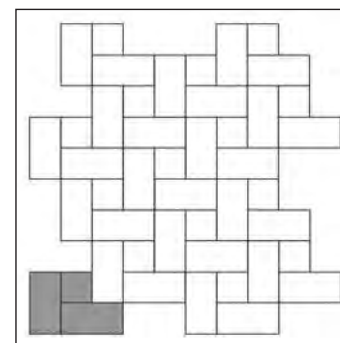
Versailles 3
20% 8x8, 40% 8x16, 40% 16x16
Infiltration Rate: 77"/hr



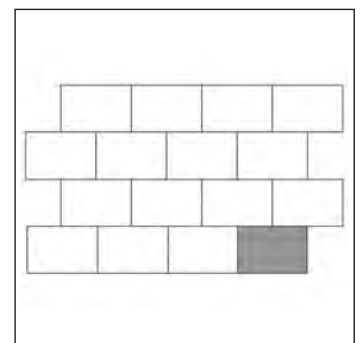
Versailles 4 - 6% 8x8, 18% 8x16, 23% 16x16, 53% 16x24
Infiltration Rate: 55"/hr



Versailles 5
20% 8x16, 20% 16x16, 60% 16x24
Infiltration Rate: 57"/hr



Pinwheel 8
20% 8x8, 80% 8x16
Infiltration Rate: 99"/hr



Running Bond
100% 16x24 or 100% 8x16
Infiltration Rate: 16x24: 48"/hr
and 8x16: 86"/hr

NARROW JOINT PERMEABLE QUARRY STONE



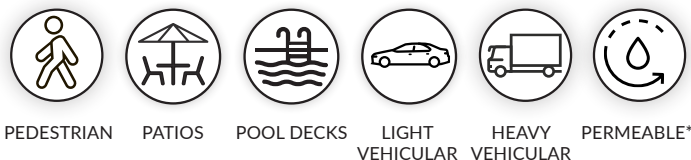
Narrow Joint Permeable Quarry Stone pavers help the environment by protecting the quality of the water supply. They reduce the amount of stormwater runoff entering natural waterways.





COLOR: RUSTIC YELLOWSTONE
PATTERN: OLD TOWN II

PRODUCT DETAILS

Narrow Joint Permeable Quarry Stone Applications:



| Sizes | Nominal Size | Stone FT ² | Stones Pallet | FT ² Pallet |
|--|---------------|-----------------------|---------------|------------------------|
|  | 6 x 6 (80mm)* | 4.10 | 384 | 93 |
|  | 6 x 9 (80mm)* | 2.80 | 240 | 87 |

* Narrow Joint Permeable Quarry Stone pavers **ARE** designed for use in permeable and sand set applications.

Stocked Colors:

Rustic Yellowstone, Sequoia Sandstone, Sierra Granite and Cameron Cream. Note: *Cameron Cream* may require additional lead time.

Narrow Joint Permeable Quarry Stone is manufactured using an exclusive Calstone hammer antiquing process that generates random chips, scratches, and mildly broken corners to reproduce the look of natural stone mined from earth.



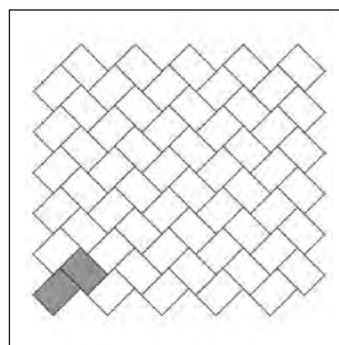
| Size | Bags/Pallet | Sq. Ft./Bag |
|--------------|-------------|-------------|
| 50 LB Bag | 56 | 35-50 |
| 2000 LB Sack | 1 Sack | 1,300-2,000 |

Calstone's Fine #9 Permeable Paver Joint Rock must be used with our Narrow Joint design

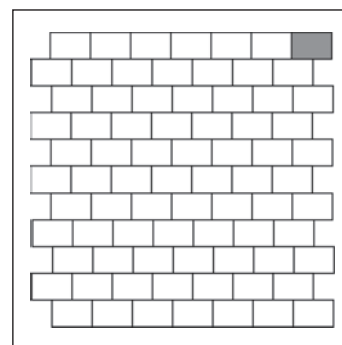
Fine #9 Benefits:

- Fast joint installation
- High infiltration rates
- Improved joint interlock

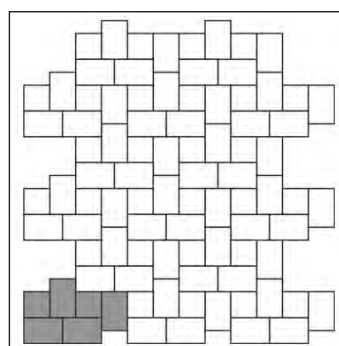
PATTERNS



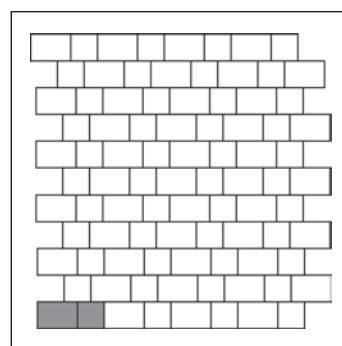
Herringbone 45 Degree
100% 6x9
Infiltration Rate: 6x9 190"/hr



Running Bond
100% 6x9
Infiltration Rate: 190"/hr



Old Town II
25% 6x6, 75% 6x9
Infiltration Rate: 192"/hr

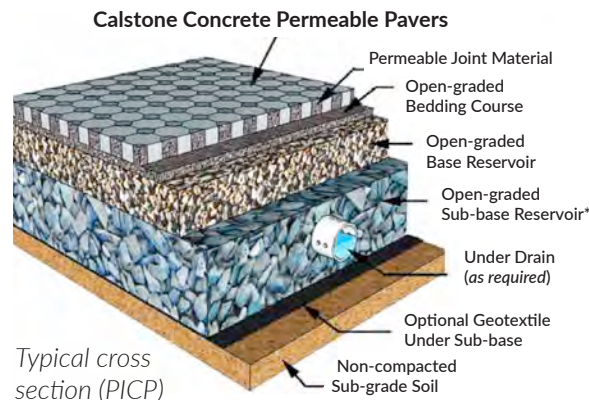


Two-Way Running Bond
40% 6x6, 60% 6x9
Infiltration Rate: 194"/hr

About "Narrow Joint" Permeable Pavers

Our permeable system is complete with our proprietary Fine #9 Joint Rock. Our permeable system has narrow joint widths of 4mm and initial infiltration rates in excess of 150"/hr.

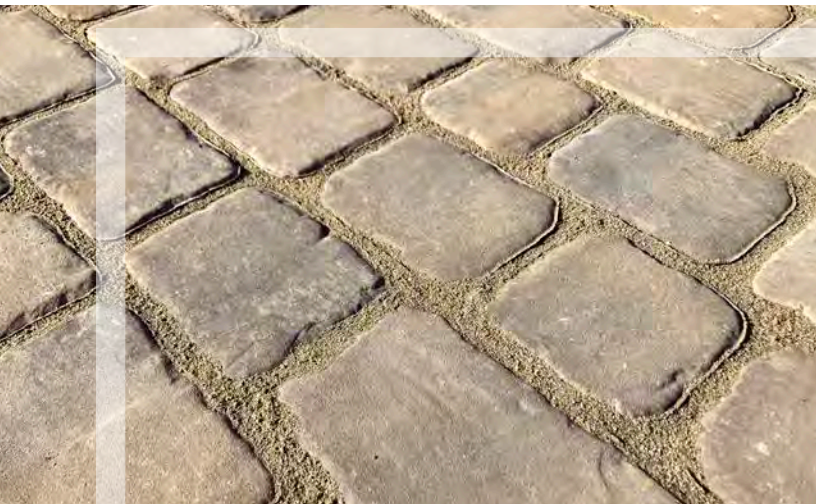
Permeable interlocking concrete pavement (PICP) with open-graded base and sub-base for infiltration and storage.



Typical cross section (PICP)

For proper installation procedures visit: icpi.org/Calstone
Choose Tech Spec #18 (Construction of Permeable Interlocking Concrete Pavement Systems)

BELGIAN STONE



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 Applications:



PEDESTRIAN



POOL DECKS







PATIOS



LIGHT
VEHICULAR



PERMEABLE*

| 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 |

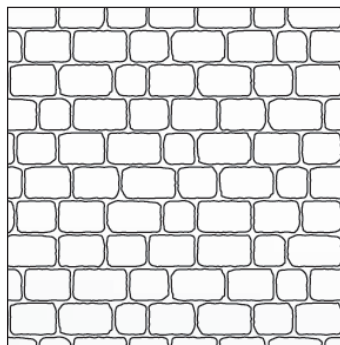
108 Square Feet = 1 Pallet

* Belgian Stone pavers **CAN** be used in permeable applications.

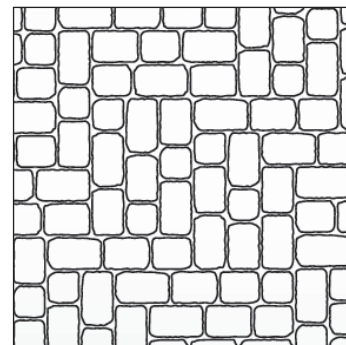
Installation Note:

Belgian Stone is designed with a wider joint, we recommend using polymeric joint sand; approximately 37 square feet per 50 pound bag. When used as a permeable application, we recommend using Fine #9 Joint Rock, approximately 34 square feet per 50 pound bag.

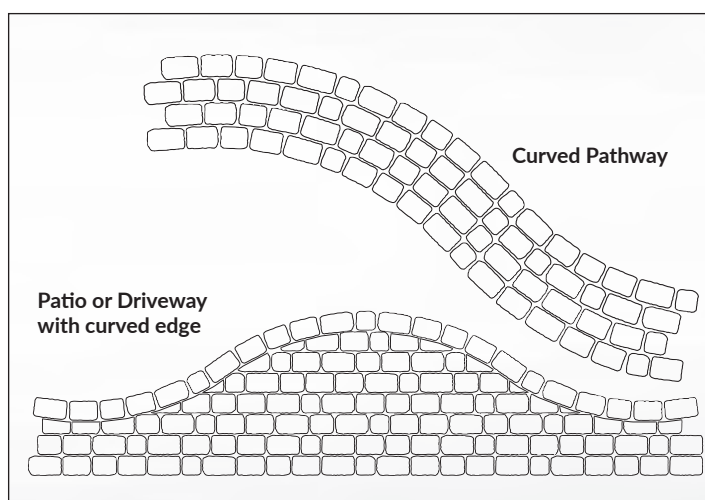
PATTERNS



Running Bond
Infiltration Rate: 305"/hr



Random
Infiltration Rate: 305"/hr



Running Bond Examples

COLORS



Sierra Granite



Sequoia Sandstone



Oak Barrel

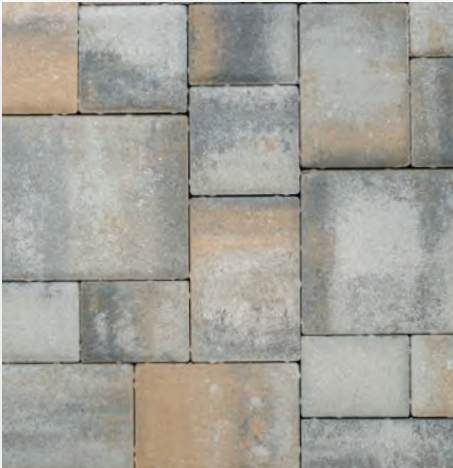
CLASSIC COBBLE





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.

CLASSIC COBBLE / COLORS



Gray Charcoal Tan



Tan Brown Charcoal



Gray Charcoal



Cream Tan Brown



Brown Beige Charcoal



Tan Red Charcoal



Charcoal
(stocked in 6x9 only)

PRODUCT DETAILS

Classic Cobble Applications:



PEDESTRIAN







PATIOS



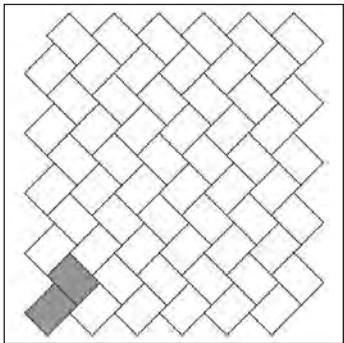
POOL DECKS



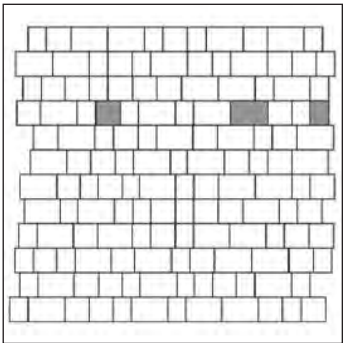
LIGHT
VEHICULAR

| 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 |

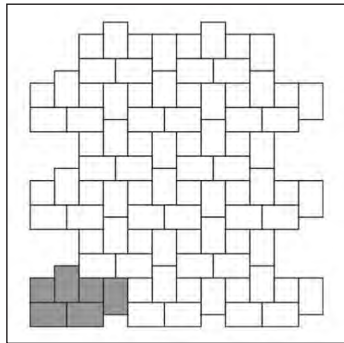
PATTERNS



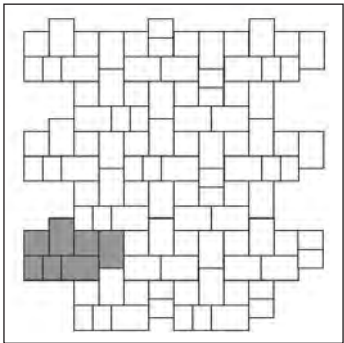
Herringbone 45 Degree
100% Small, 100% Large
or 100% Mega



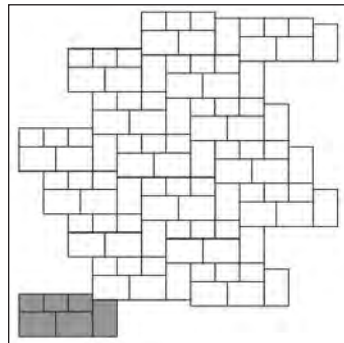
Three-Way Running Bond
23% Small, 31% Medium, 46% Large



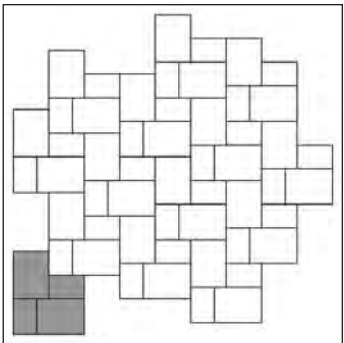
Old Town II
25% Medium, 75% Large



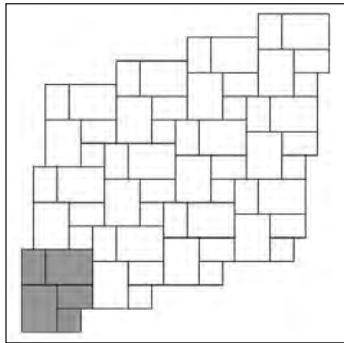
Old Town Pattern III
20% Small, 25% Medium, 55% Large
(small cobble placed randomly)



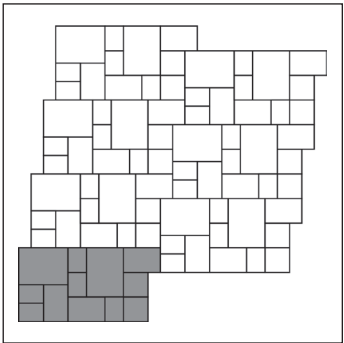
Two-Way Parquet
33% Small, 66% Large



Mega Pattern 2
33% Large, 67% Mega

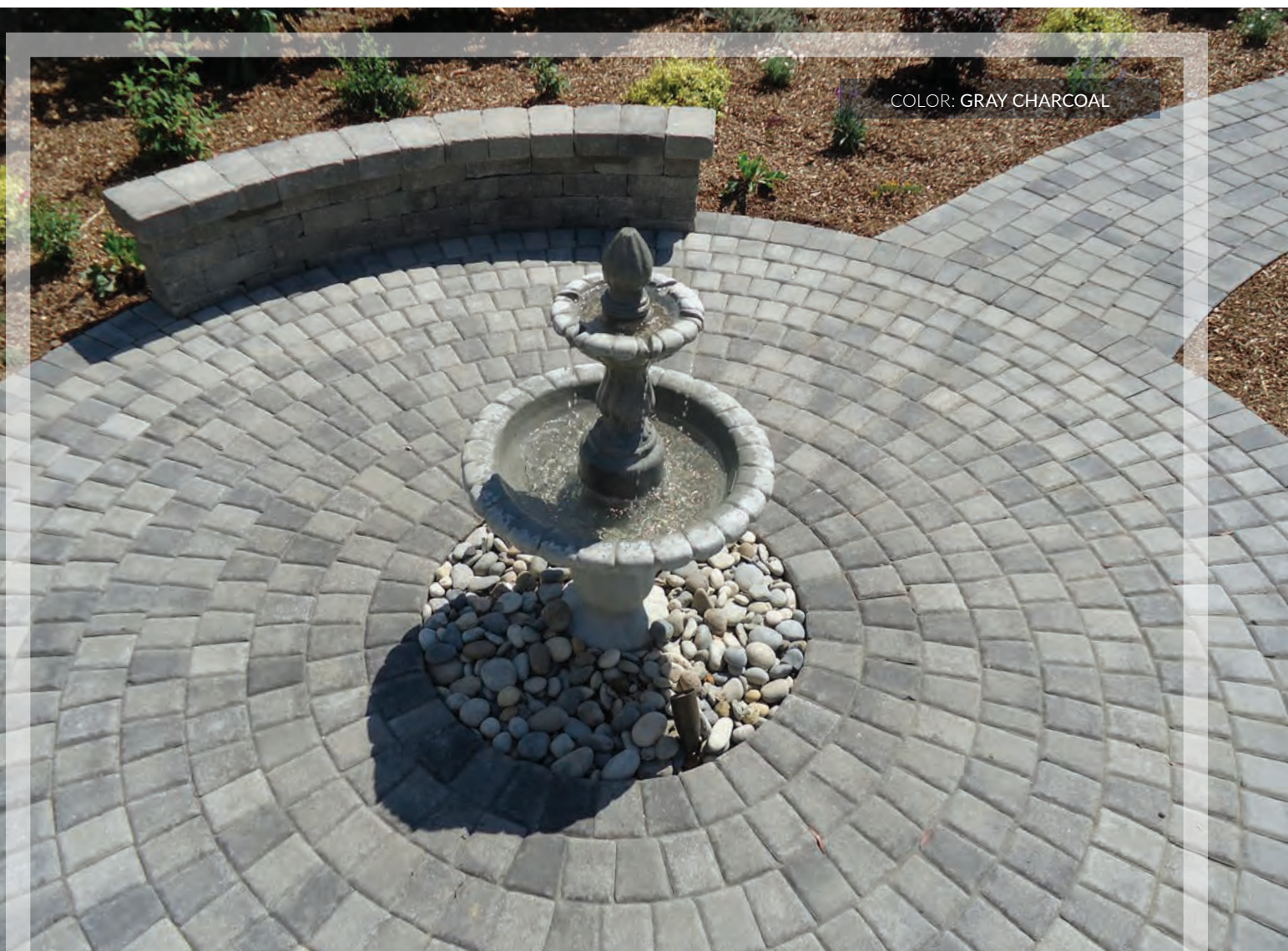


Mega Pattern 3
10% Medium, 30% Large,
60% Mega



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

CLASSIC COBBLE CIRCLE KIT



INSTALLATION GUIDE

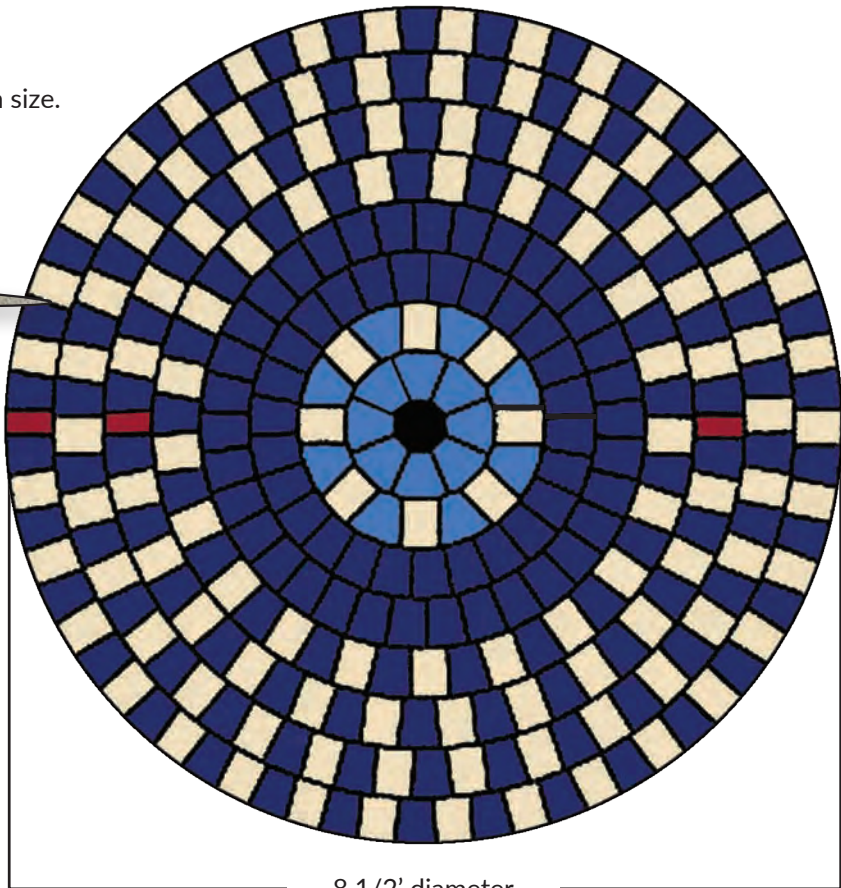
8 1/2' Diameter - 57 Square Feet = 1 pallet
(sold in full pallets only)

| Units | Names | Chart Color Key | Stones Per Pallet | Stones For Circle |
|---|--------------|---|-------------------|-------------------|
|  | Center Stone |  | 5 | 2 |
|  | Large Wedge |  | 20 | 16 |
|  | Small Cobble |  | 120 | 116 |
|  | Small Wedge |  | 180 | 171 |
|  | Mini Stone |  | 5 | 3 |

| Diameter | Additional Rings | Small Cobble Stones Needed | Square Foot Needed |
|----------|------------------|----------------------------|--------------------|
| 8.5 | 0 | 0 | 0 |
| 9.5 | 1 | 80 | 15 |
| 10.5 | 2 | 168 | 31 |
| 11.5 | 3 | 265 | 48 |
| 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 |

Classic Cobble Circle Kits are stocked in our Classic Cobble colors (see swatches on page 32).

Note: The gaps between stones in circle kits vary in size.



Technical Installation Guidelines

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 Classic Cobble stones is calculated as follows:

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

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

ANTIQUED COBBLE





COLOR: GRAY CHARCOAL
PATTERN: OLD TOWN II

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.

ANTIQUED COBBLE / COLORS



Gray Charcoal Tan



Tan Brown Charcoal



Gray Charcoal



Cream Tan Brown



Brown Beige Charcoal



Tan Red Charcoal



Charcoal
(stocked in 6x9 only)

PRODUCT DETAILS

Antiqued Cobble Applications:



PEDESTRIAN







PATIOS



POOL DECKS

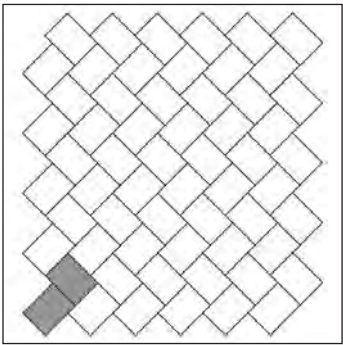


LIGHT
VEHICULAR

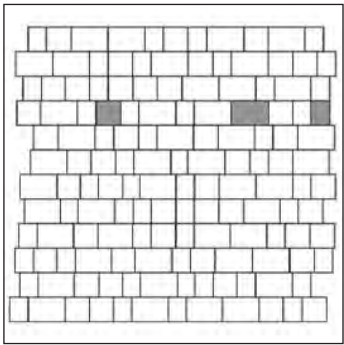
| Sizes | Nominal Size | Stone FT ² | Stones Pallet | FT ² Pallet |
|---|------------------|--------------------------|------------------|---------------------------|
|  | 6 x 4 1/2 (60mm) | 5.5 | 576 | 105 |
|  | 6 x 6 (60mm) | 4.1 | 432 | 105 |
|  | 6 x 9 (60mm) | 2.8 | 270 | 98 |
|  | 9 x 12 (60mm)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

Antiqued Cobble paving stones go through a barrel tumbled antiquing process that produces random chips, scratches, broken corners, and rounded edges to reproduce the look of historic cobblestone roads found around the world.

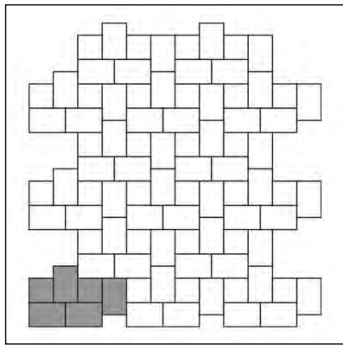
PATTERNS



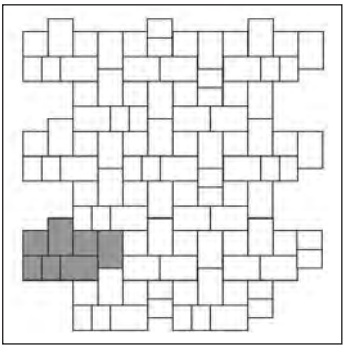
Herringbone 45 Degree
100% 6x9 or 100% 9x12



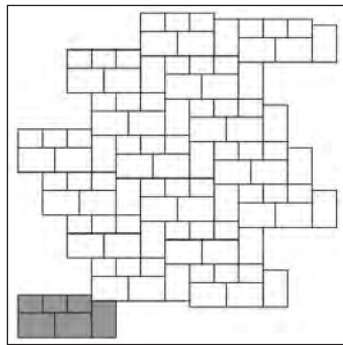
Three-Way Running Bond
23% Small, 31% Medium, 46% Large



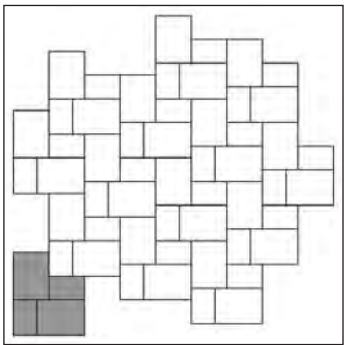
Old Town II
25% Medium, 75% Large



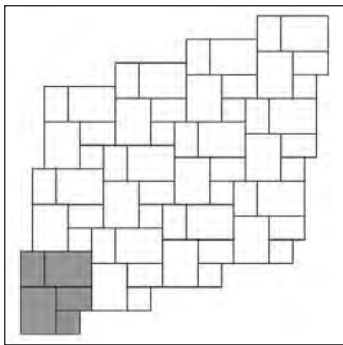
Old Town Pattern III
20% Small, 25% Medium, 55% Large
(small cobble placed randomly)



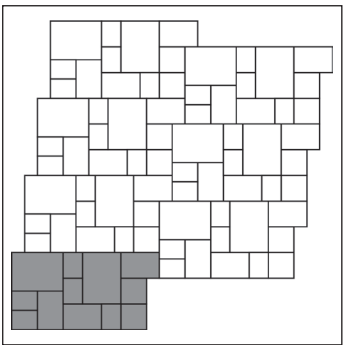
Two-Way Parquet
33% Small, 66% Large



Mega Pattern 2
33% Large, 67% Mega

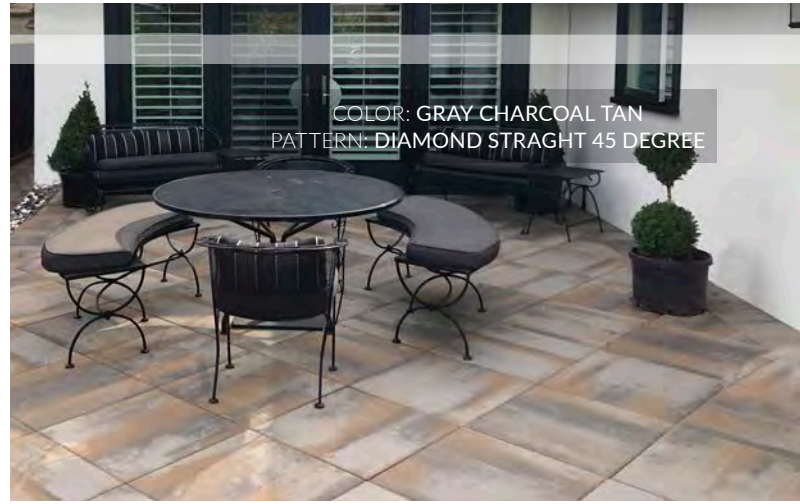


Mega Pattern 3
10% Medium, 30% Large,
60% Mega



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

MISSION



COLOR: GRAY CHARCOAL TAN
PATTERN: DIAMOND STRAIGHT 45 DEGREE



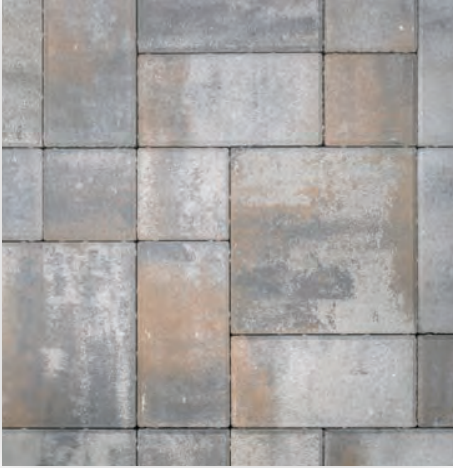
COLOR: GRAY CHARCOAL TAN
PATTERN: MISSION 3



COLOR: CREAM TAN BROWN
PATTERN: MISSION 3

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

MISSION / COLORS



Gray Charcoal Tan



Tan Brown Charcoal



Gray Charcoal



Cream Tan Brown



Brown Beige Charcoal



Tan Red Charcoal



Green Gray Charcoal
(May require additional lead time)



Charcoal
(stocked in 4x8, 6x6 and 6x9 only)



Gray
(stocked in 16x16 and 24 x 24 only)

PRODUCT DETAILS

Mission Paving Stone Applications (60mm):



PEDESTRIAN







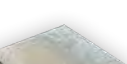
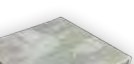



PATIOS



POOL DECKS



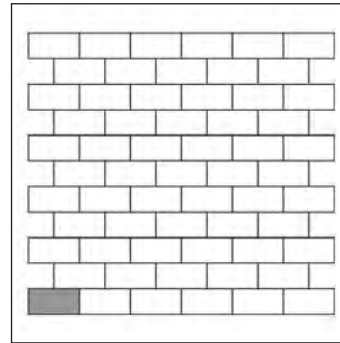
LIGHT
VEHICULAR

| 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 9 (60mm) | 2.8 | 270 | 98 |
|  | 6 x 12 (60mm) | 2.00 | 216 | 105 |
|  | 12 x 12 (60mm) | 1.00 | 108 | 105 |
|   | 16 x 16 (60mm) | 0.60 | 60 | 103 |
|   | 24 x 24 (60mm) | 0.26 | 20 | 78 |

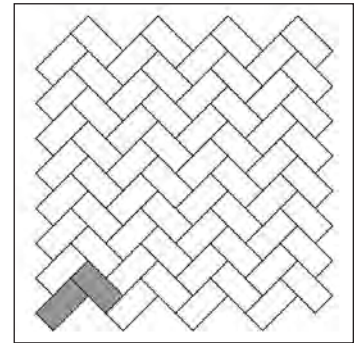
16 x 16 and 24 x 24 Mission paving stones
are only stocked in the following colors:

Gray Charcoal Tan, Cream Tan Brown,
Brown Beige Charcoal and Gray.

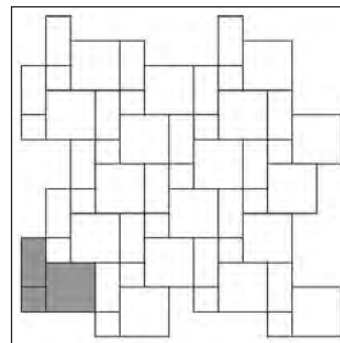
PATTERNS



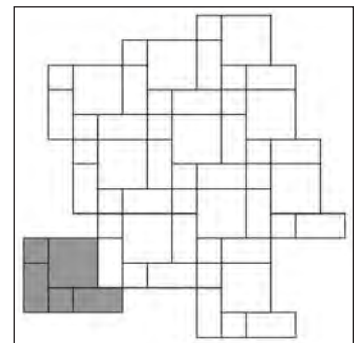
Running Bond
100% 4x8 or 100% 6x12



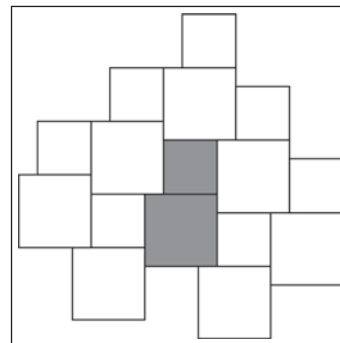
Herringbone 45 Degree
100% 4x8 or 100% 6x12



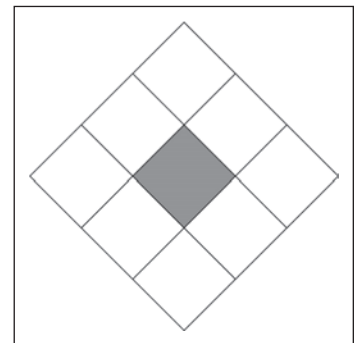
Haviland
14% 6x6, 29% 6x12, 57% 12x12



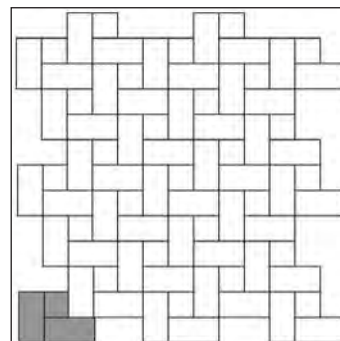
Mission 3
20% 6x6, 40% 6x12, 40% 12x12



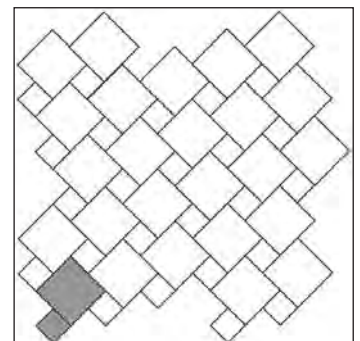
Hopscotch
31% 16x16, 69% 24x24
or 36% 12x12, 64% 24x24



Diamond Straight 45 Degree
100% 6x6, 100% 12x12,
100% 16x16 or 100% 24x24



Pinwheel 6
20% 6x6, 80% 6x12



Linen
20% 6x6, 80% 12x12

ANTIQUED MISSION



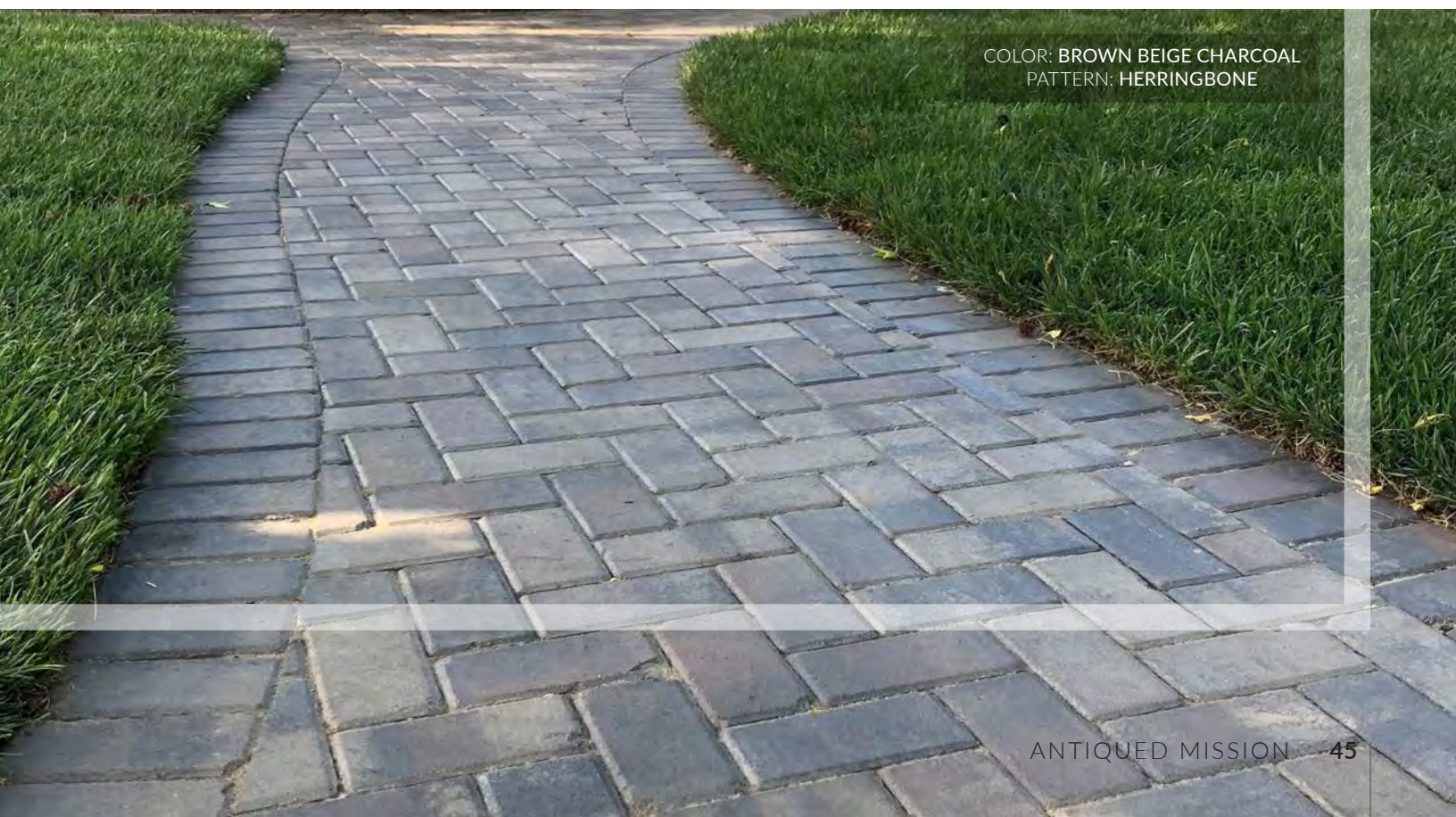
Our antiquing process creates an aged appearance that can transform your driveway, walkway, or patio project into a design with old-world European charm.



COLOR: GRAY CHARCOAL
PATTERN: PINWHEEL 6



COLOR: TAN CHARCOAL
WITH GRAY CHARCOAL
PATTERN: HAVILAND



COLOR: BROWN BEIGE CHARCOAL
PATTERN: HERRINGBONE

ANTIQUED MISSION / COLORS



Gray Charcoal Tan



Tan Brown Charcoal



Gray Charcoal



Cream Tan Brown



Brown Beige Charcoal



Tan Red Charcoal



Green Gray Charcoal



Charcoal
(stocked in 4x8, 6x6, and 6x9 only)

PRODUCT DETAILS

Antiqued Mission Paving Stone Applications (60mm):



PEDESTRIAN







PATIOS



POOL DECKS

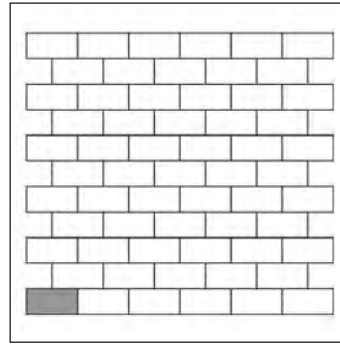


LIGHT
VEHICULAR

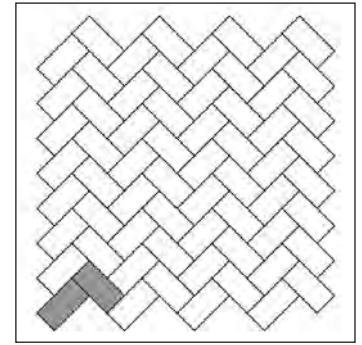
| Units | Nominal Dimensions | Stone FT ² | Stones Pallet | FT ² Pallet |
|---|-----------------------|--------------------------|------------------|---------------------------|
|  | 4 x 8 (60mm) | 4.70 | 486 | 105 |
|  | 6 x 6 (60mm) | 4.10 | 432 | 105 |
|  | 6 x 9 (60mm) | 2.8 | 270 | 98 |
|  | 6 x 12 (60mm) | 2.00 | 216 | 105 |

Antiqued Mission paving stones go through a barrel tumbled antiquing process that produces random chips, scratches, broken corners, and rounded edges to reproduce the look of reclaimed natural cut stone.

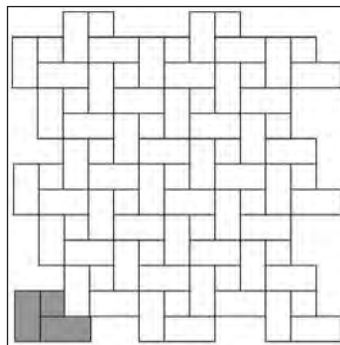
PATTERNS



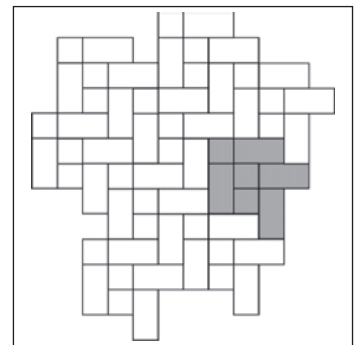
Running Bond
100% 4x8 or 100% 6x12



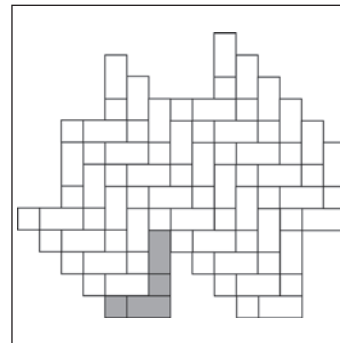
Herringbone 45 Degree
100% 4x8 or 100% 6x12



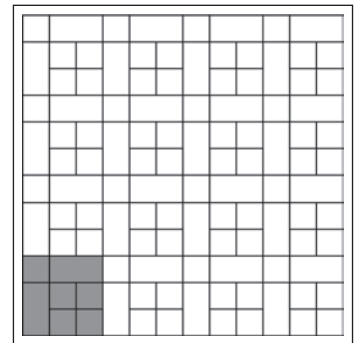
Pinwheel 6
20% 6x6, 80% 6x12



Bay Harbor
27% 6x6, 73% 6x12



Classic
34% 6x6, 66% 6x12



Varozza 2
55% 6x6, 45% 6x12

NARROW JOINT PERMEABLE MISSION



Narrow Joint Permeable Mission pavers are designed to help manage water runoff. They deliver the perfect environmentally responsible solution for sidewalks, patios and driveways.



COLOR: GRAY CHARCOAL TAN
PATTERN: HERRINGBONE 45 DEGREE



PRODUCT DETAILS

Narrow Joint Permeable Mission Applications:



PEDESTRIAN PATIOS POOL DECKS LIGHT VEHICULAR HEAVY VEHICULAR PERMEABLE*

| Sizes | Nominal Size | Stone FT ² | Stones Pallet | FT ² Pallet |
|-------|---------------|-----------------------|---------------|------------------------|
| | 4 x 8 (80mm) | 4.64 | 432 | 93 |
| | 6 x 6 (80mm) | 4.10 | 384 | 93 |
| | 6 x 12 (80mm) | 2.06 | 192 | 93 |

Narrow Joint Permeable Mission paver **ARE** designed for use in permeable and sand set applications.

Stocked Colors:

Gray Charcoal and Gray Charcoal Tan.

Note: Gray Charcoal may require additional lead time.



| Size | Bags/Pallet | Sq. Ft./Bag |
|--------------|-------------|-------------|
| 50 LB Bag | 56 | 35-50 |
| 2000 LB Sack | 1 Sack | 1,300-2,000 |

Calstone's Fine #9 Permeable Paver Joint Rock must be used with our Narrow Joint design.

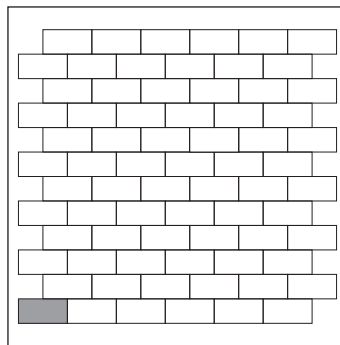
Fine #9 Benefits:

- Fast joint installation
- High infiltration rates
- Improved joint interlock

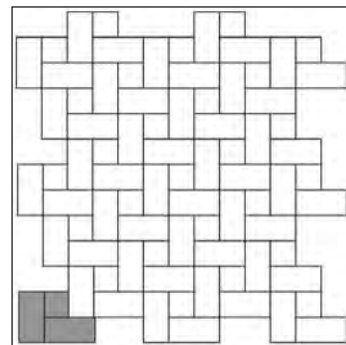
About "Narrow Joint" Permeable Pavers

Our permeable system is complete with our proprietary Fine #9 Joint Rock. Our permeable system has narrow joint widths of 4mm and initial infiltration rates in excess of 150"/hr.

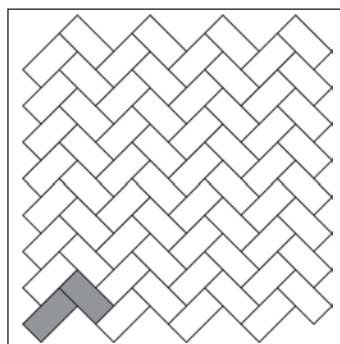
PATTERNS



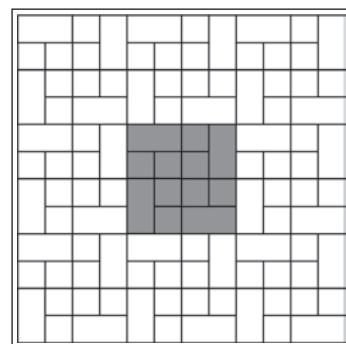
Running Bond
100% 4x8 or 100% 6x12
Infiltration Rate: 4x8: 248"/hr
6x12: 171"/hr



Pinwheel 6
20% 6x6, 80% 6x12
Infiltration Rate: 177"/hr



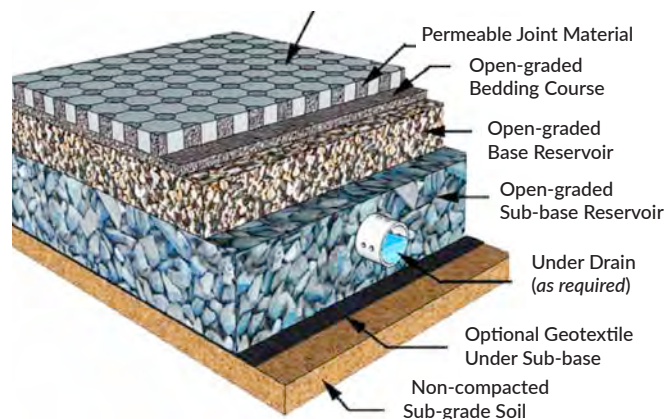
Herringbone 45 Degree
100% 4x8 or 100% 6x12
Infiltration Rate: 4x8: 248"/hr
6x12: 171"/hr



Whirlpool
50% 6x6, 50% 6x12
Infiltration Rate: 185"/hr

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

Calstone Concrete Permeable Pavers



Typical cross section (PICP)

For proper installation procedures visit: icpi.org/Calstone
Choose Tech Spec #18 (Construction of Permeable Interlocking Concrete Pavement Systems)

PAVILION



Pavilion paving stones are a contemporary solution for those desiring the aesthetics of a smooth flat surface with crisp lines and minimized joint chamfers in modern three size laying patterns.



COLOR: GRAY CHARCOAL TAN
PATTERN: PATTERN 1

PRODUCT DETAILS

Pavilion Applications:



PEDESTRIAN



PATIOS




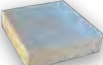

POOL DECKS



LIGHT
VEHICULAR

Pavilion Pavers are 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 |
|  | 9 x 12 (60mm) | 1.4 | 54 |

Border Pack - 98 Square Feet = 1 Pallet

Pavilion 6x9 border pack is available by the square foot.



| | | |
|--------------|-----|-----|
| 6 x 9 (60mm) | 2.8 | 270 |
|--------------|-----|-----|

COLORS



Gray Charcoal Tan

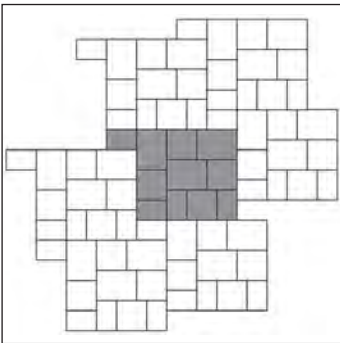


Cream Tan Brown

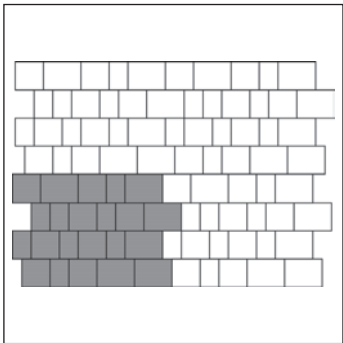


Charcoal (stocked in 6x9 only)

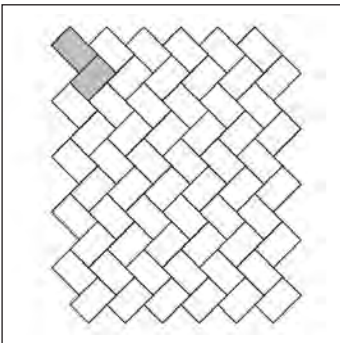
PATTERNS



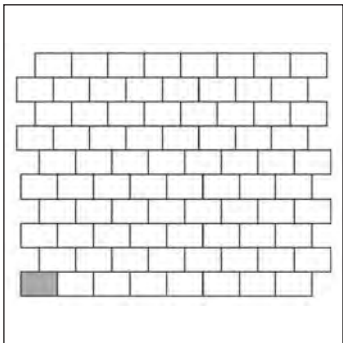
Pattern 1



Three-Way Running Bond



Herringbone 45 Degree
100%, 6 x 9



Running Bond
100%, 6 x 9

ANTIQUED FLAT TOP

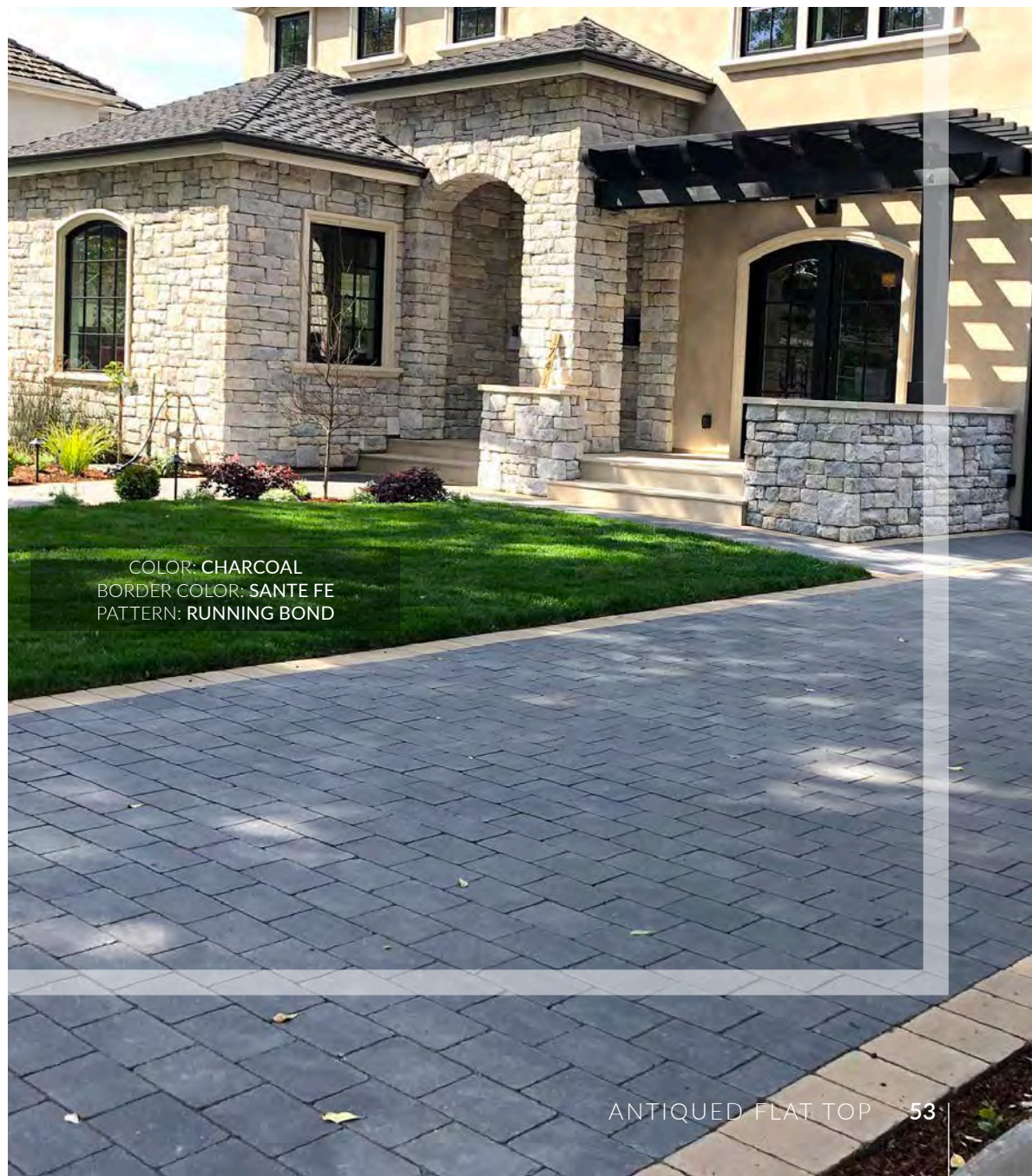


Simple, smooth, and beautiful.
Replicating saw-cut stone,
Antiqued Flat Top balances
a modern and rustic look with
non-chamfered edges, narrow
joints, and light antiquing.





COLOR: GRAY CHARCOAL TAN
PATTERN: PATTERN 1



COLOR: CHARCOAL
BORDER COLOR: SANTE FE
PATTERN: RUNNING BOND

ANTIQUED FLAT TOP / COLORS



Gray Charcoal Tan



Brown Beige Charcoal



Gray Charcoal



Cream Tan Brown



Sante Fe
(May require additional lead time)



Silverstone



Charcoal
(stocked in 6x9 only)

PRODUCT DETAILS

Antiqued Flat Top Applications:



PEDESTRIAN



PATIOS






POOL DECKS



LIGHT
VEHICULAR

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 |
|  | 9 x 12 (60mm) | 1.4 | 54 |

Border Pack - 98 Square Feet = 1 Pallet

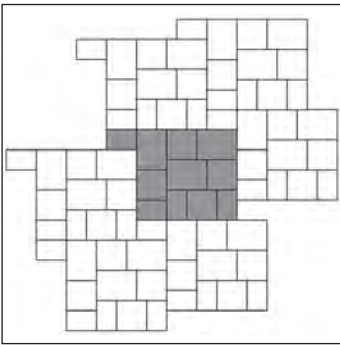
Antiqued Flat Top 6x9 border pack is available by the square foot.



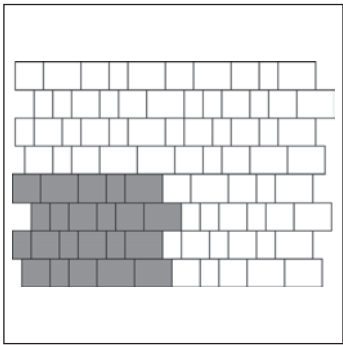
| | | |
|--------------|-----|-----|
| 6 x 9 (60mm) | 2.8 | 270 |
|--------------|-----|-----|

Antiqued Flat Top is manufactured using an exclusive Calstone hammer antiquing process that generates light chips, and lightly broken corners, to reproduce the look of naturally aged cut stone with no chamfer.

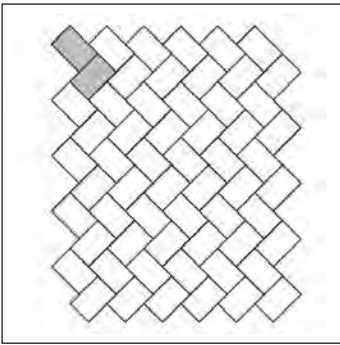
PATTERNS



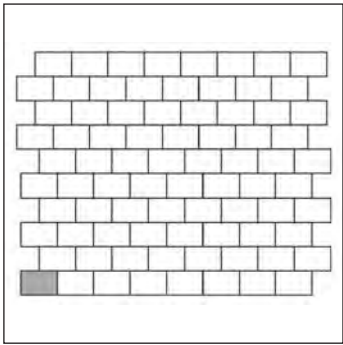
Pattern 1



Three-Way Running Bond



Herringbone 45 Degree
100%, 6 x 9

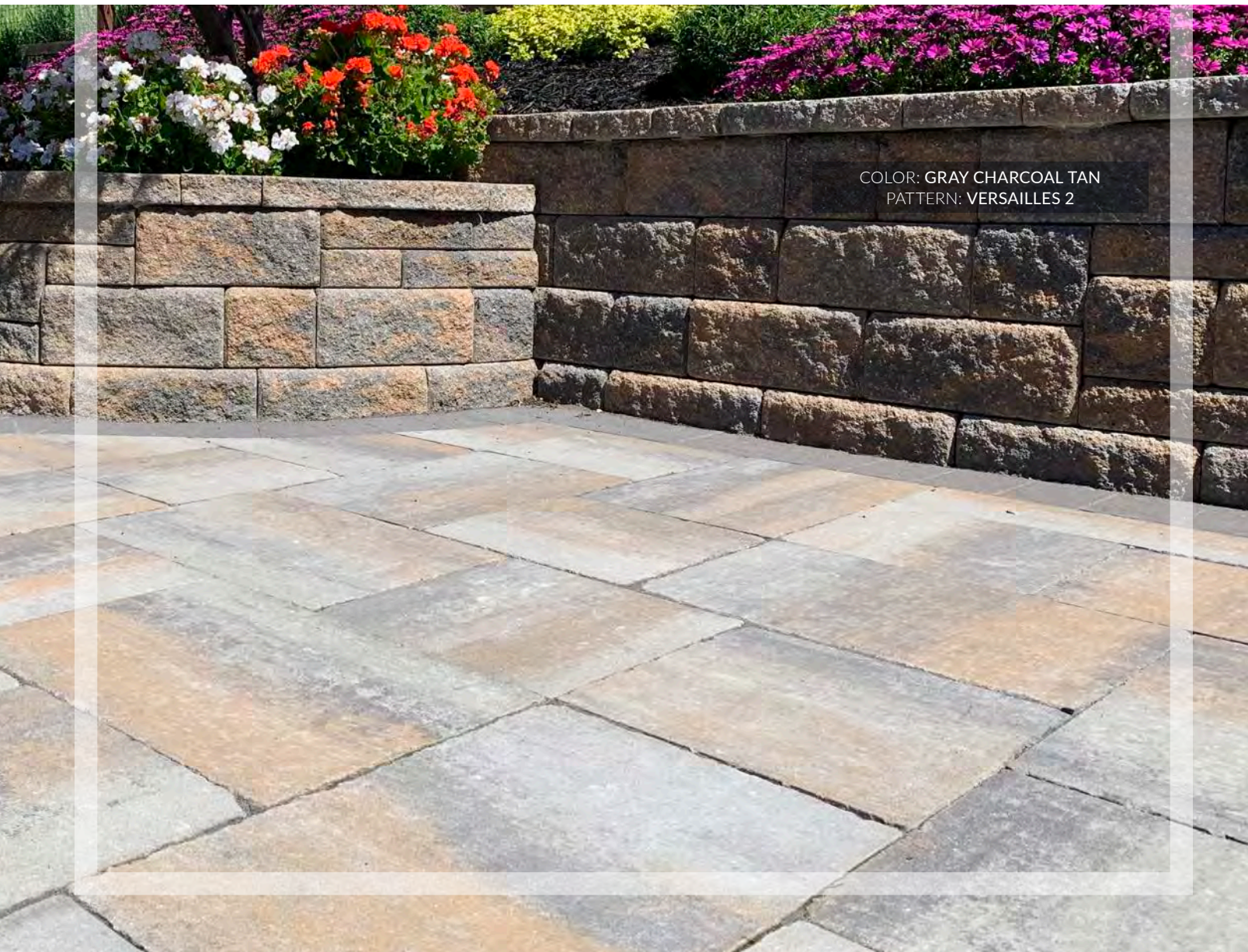


Running Bond
100%, 6 x 9

LARGE FORMAT ANTIQUED FLAT TOP



Large Format Antiqued Flat Top has a smooth finish, narrow joints and non-chamfered edges with light antiquing. Large Format blends to strike harmony with your outdoor landscape with fewer joint lines.



COLOR: GRAY CHARCOAL TAN
PATTERN: VERSAILLES 2

PRODUCT DETAILS

Large Format Antiqued Flat Top Applications:







PEDESTRIAN



PATIOS



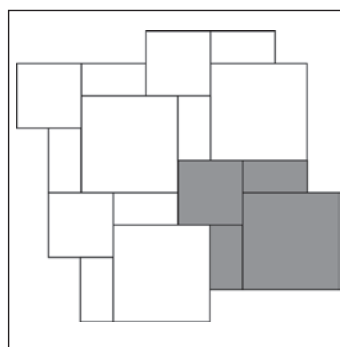
POOL DECKS

| 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 |

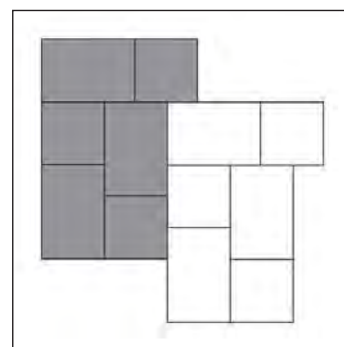
Large Format Antiqued Flat Top **CANNOT** be used for light or heavy vehicular traffic.

Large Format Antiqued Flat Top is manufactured using an exclusive Calstone hammer antiquing process that generates light chips, and lightly broken corners, to reproduce the look of naturally aged cut stone with no chamfer.

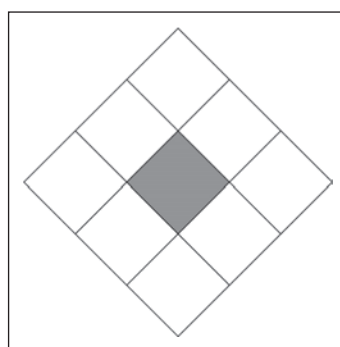
PATTERNS



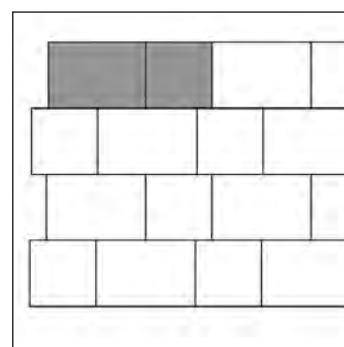
Venice
23.5% 8x16, 23.5% 16x16,
53% 24x24



Versailles 2
40% 16x16, 60% 16x24

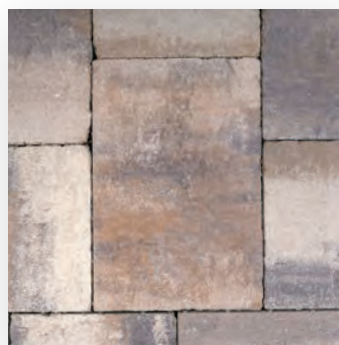


Diamond Straight 45 Degree
100% 16x16 or 100% 24x24



Two-Way Running Bond
40% 16x16, 60% 16x24

COLORS



Cream Tan Brown



Gray Charcoal Tan



Brown Beige Charcoal



Silverstone

LINEAR





The sleek, narrow shape creates a modern urban look for any pedestrian or patio application.





PRODUCT DETAILS


Linear Applications:






PEDESTRIAN


PATIOS

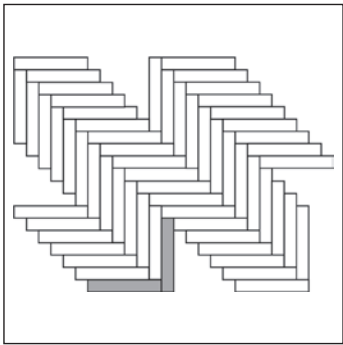

POOL DECKS


LIGHT
VEHICULAR

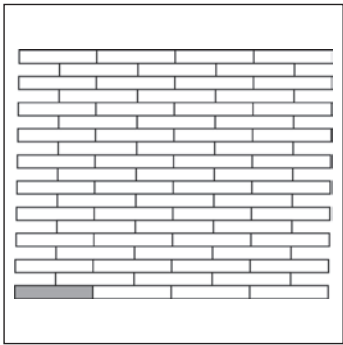

HEAVY
VEHICULAR

| Unit | Nominal Dimensions | Stones FT ² | Stones Pallet | FT ² Pallet |
|--|-----------------------|---------------------------|------------------|---------------------------|
|  | 3 x 9 (80mm) | 5.5 | 480 | 87 |
|    | 3 x 18 (80mm) | 2.75 | 216 | 78 |

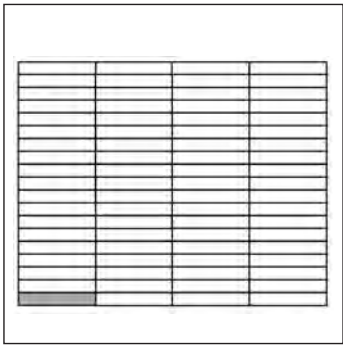
PATTERNS



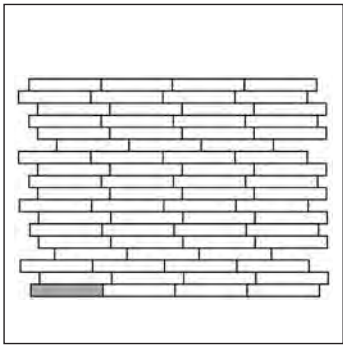
Herringbone
100% 3x9 or 100% 3x18



Running Bond
100% 3x9 or 100% 3x18



Stack
100% 3x9 or 100% 3x18



Random
100% 3x9 or 100% 3x18

COLORS



50 White



51 Gray



55 Charcoal

TURFSTONE



Turfstone Concrete Grid Pavers reduce stormwater runoff, so water can gradually filter into the soil naturally. Its the perfect utilitarian solution for overflow parking areas, and emergency fire lanes.



PRODUCT DETAILS

Turfstone Applications:



PEDESTRIAN



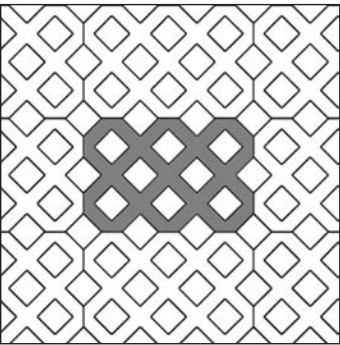
LIGHT
VEHICULAR



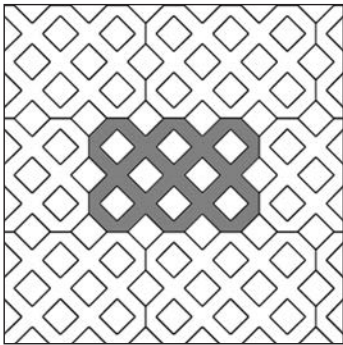
PERMEABLE

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

PATTERN



Running Bond (stacked)
100% 16 x 24
Infiltration Rate: 1,869"/hr



Running Bond (staggered)
100% 16 x 24
Infiltration Rate: 1,869"/hr

COLOR



Gray

Turfstone is available in Gray.

Turfstone is primarily used for overflow parking areas, emergency fire lanes and service access lanes. Please refer to the ICPI Tech Spec #8, for detail on the design, specification, construction and maintenance of its wide range of applications.

Conforms to ASTM C1319

You can find the ICPI Tech Spec #8 at icpi.org/Calstone.
(then select Tech Spec #8)

Typical concrete grid pavement over dense-graded base (shown below)

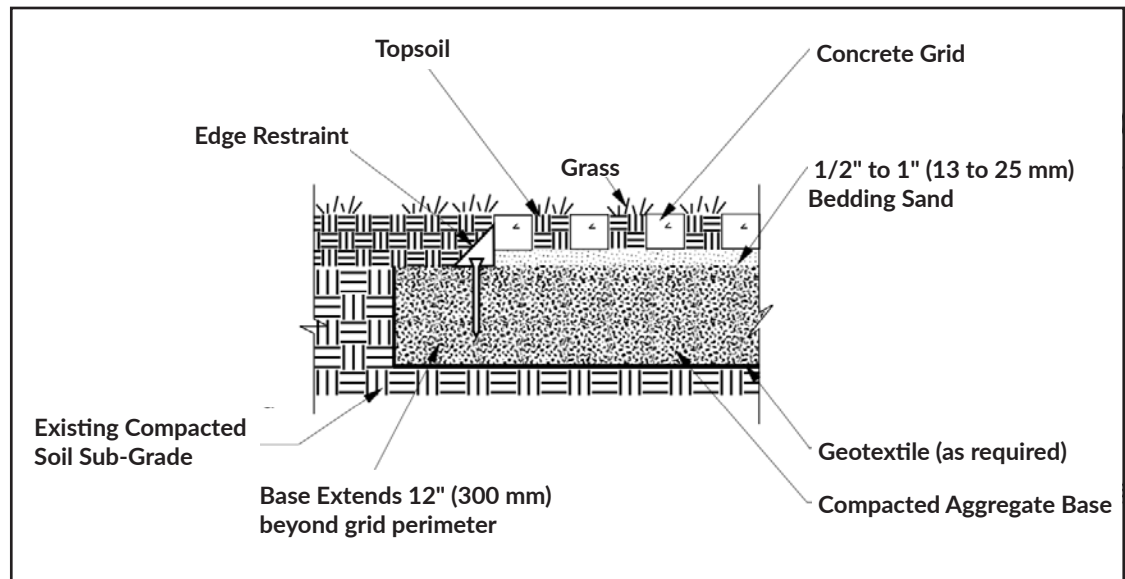
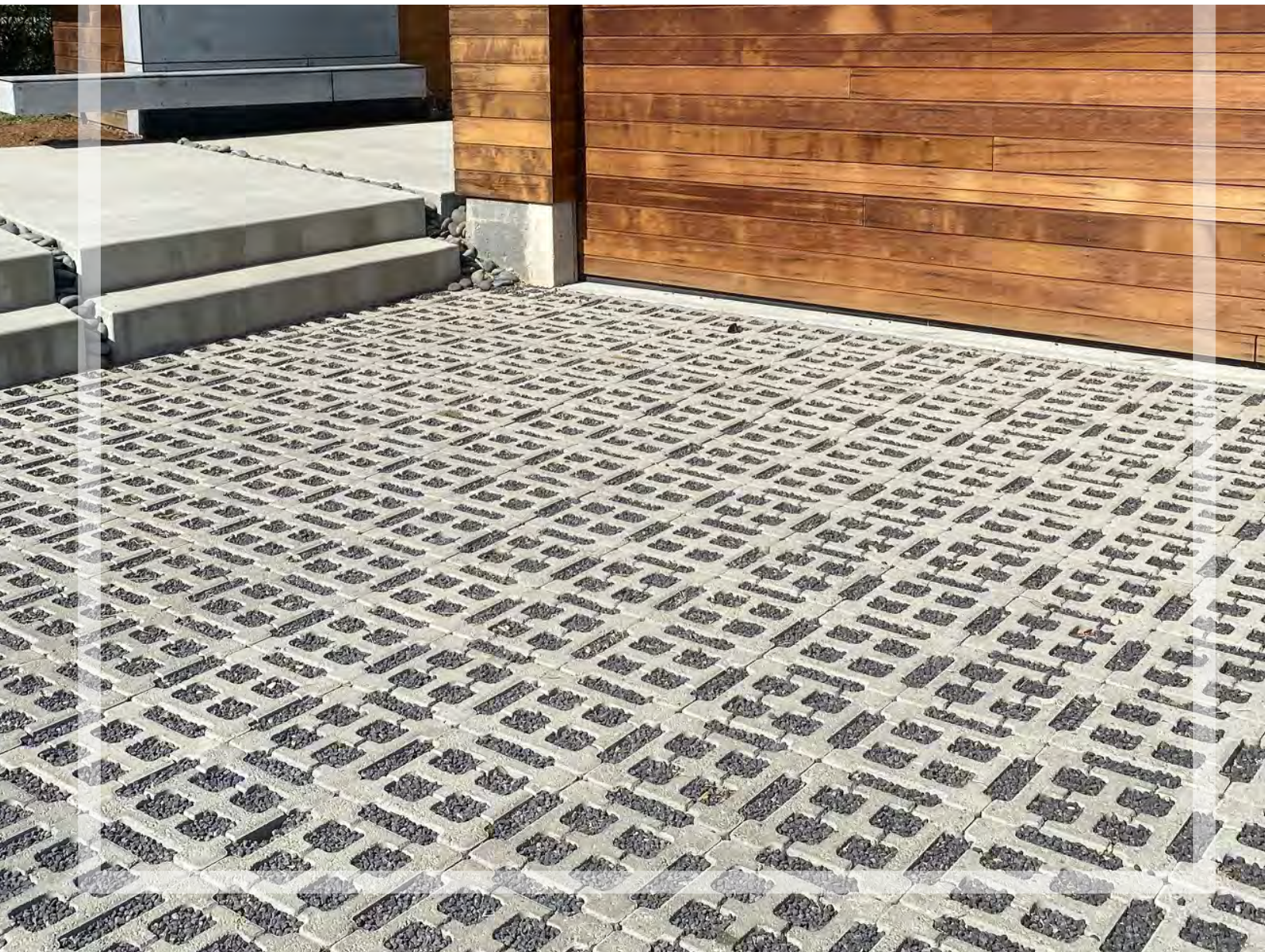


Figure from ICPI Tech Spec 8: Concrete Grid Pavements pg. 5

EZ GRID



A NEW alternative to traditional Turfstone. EZ Grid has all the traditional benefits of Turfstone and more.



PRODUCT DETAILS

PATTERN

EZ Grid Applications:



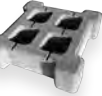
PEDESTRIAN

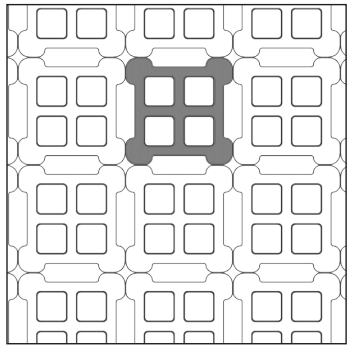


LIGHT
VEHICULAR

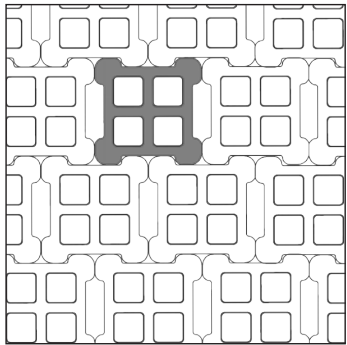


PERMEABLE

| Unit | Nominal Dimensions | Stones FT ² | Stones Pallet | FT ² Pallet |
|--|-----------------------|---------------------------|------------------|---------------------------|
|  | 12 x 12 (80mm) | 1.0 | 120 | 120 |



Pattern A (stacked)
100% 12 x 12
Infiltration Rate: 2,314"/hr



Pattern B (staggered)
100% 12 x 12
Infiltration Rate: 1,851"/hr

Conforms to ASTM C1319

EZ Grid is primarily used for overflow parking areas, emergency fire lanes and service access lanes. Please refer to the ICPI Tech Spec #8, for detail on the design, specification, construction and maintenance of its wide range of applications.

You can find the ICPI Tech Spec #8 at icpi.org/Calstone. (then select Tech Spec #8)

BENEFITS

Weight – 20 pounds

Traditional Turfstone units weigh approximately 55 pounds each! EZ Grid units weigh approximately 20 pounds each. They are much easier to handle and position. A typical installer will carry one in each hand.

Strength – 3.8:1 Aspect Ratio

Traditional Turfstone has a 7.5:1 length: height aspect ratio. Concrete doesn't bend very well! This is why traditional Turfstone is so prone to breakage both in delivery and in service. EZ Grid has a 3.8:1 aspect ratio making it far less prone to breakage.

Speed – Chamfered Top Edge

Traditional Turfstone must be manually spaced 1/16" to prevent spalling and edge chipping. EZ Grid has a top chamfer to reduce the likelihood of spalling and edge chipping. EZ Grid is installed in the normal paving stone "click, drop, and go" placement method.

Easy to Order – 1 square foot per unit

How many square feet on your project? That's exactly how many units you will need. EZ Grid units are exactly 1 square foot each.

COLOR



Gray
(May require additional lead time)

BULLNOSE



COLOR: CREAM TAN BROWN

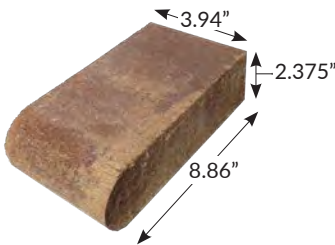
Make your project perfect from beginning to end with these accent pavers, perfect for pool coping, step treads or bordering a raised patio.



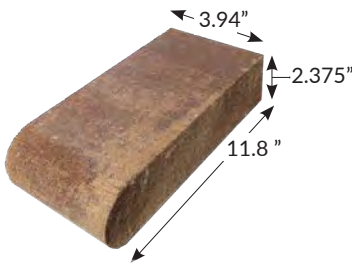
COLOR: TAN BROWN CHARCOAL (ANTIQUED)

PRODUCT DETAILS

| 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 |
|-----|-----------------|-----|-----|-----|



BULLNOSE / COLORS



Rustic Yellowstone



Sierra Granite



Gray Charcoal



Cream Tan Brown



Tan Red Charcoal



Gray Charcoal Tan



Brown Beige Charcoal



Tan Brown Charcoal



Green Gray Charcoal *(May require additional lead time)*



Charcoal



Silverstone



Santa Fe

Bullnose is also available antiqued, which may require additional lead time.

ROMAN STONE



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 and gives you limitless versatility.



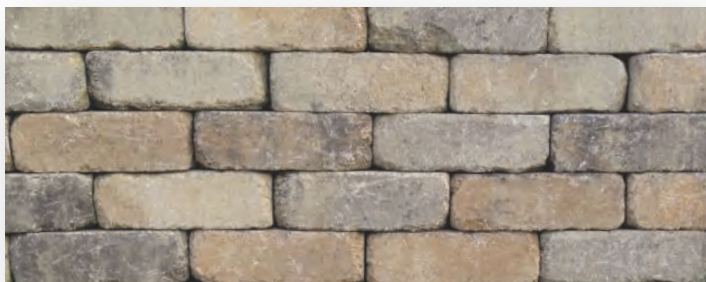


COLOR: BROWN BEIGE CHARCOAL
APPLICATION: LANDSCAPE STRUCTURE



COLOR: CREAM TAN BROWN
APPLICATION: CURBING

ROMAN STONE / COLORS



Rustic Yellowstone



Sierra Granite



Gray Charcoal



Cream Tan Brown



Tan Red Charcoal



Gray Charcoal Tan



Brown Beige Charcoal



Tan Brown Charcoal



Green Gray Charcoal
(May require additional lead time)




Charcoal

PRODUCT DETAILS

Roman Stone Applications:

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

| Unit | Nominal Dimensions | Stones FT² | Stones Pallet | FT² Pallet |
|--|--------------------|------------|---------------|------------|
|  | 8 x 12 x 4 | 3 | 96 | 32 |

Roman Stones go through a barrel tumbled antiquing process that produces random scratches, broken corners, chipped surfaces, and rounded edges to reproduce the look of natural dimensional building blocks.

The Roman Stone Advantage

Roman Stone, combined with high-performance concrete adhesive, allows structures to be built using simpler construction methods, which saves time and money. With Roman Stone’s modular design, versatility, and broad range of available colors, your backyard dreams can go wherever your imagination takes you.

Techniseal RG+ Elastomeric Adhesive for Concrete & Masonry

Techniseal® RG+ Concrete adhesive is an elastomeric resin based compound that is specially formulated for the construction of concrete hardscapes. Best used for Roman Stone project construction. The RG+ adhesive meets or exceeds the following standards: ASTM D3498, APA AFG-01, ASTM C557

Coverage*

- A 10 oz tube, a 3/8 in bead covers up to 15 ft.

** Actual coverage may vary depending on substrate type, age and condition, as well as application method.*



ALLAN BLOCK

ALLANBLOCK.COM



Allan Block gives a refined look of classic beauty to any landscape by its simple clean lines.

Enjoy the beauty and durability of this collection's classic cut stone look that adds distinguished style to any landscape design.



COLOR: GRAY CHARCOAL TAN

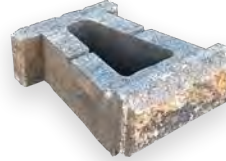
PRODUCT DETAILS



AB Stone (*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
80 units per pallet



AB Junior Lite
6 degree setback - 19 lbs.
0.25 sq. ft. coverage (*approx.*)
4" H x 9.5" D x 9" W
160 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 Corner
65 lbs. per unit
1.3 sq.ft. coverage (*approx.*)
8" H x 8" D x 16" L
54 units per pallet
27 left, 27 right
(*left corner shown*)

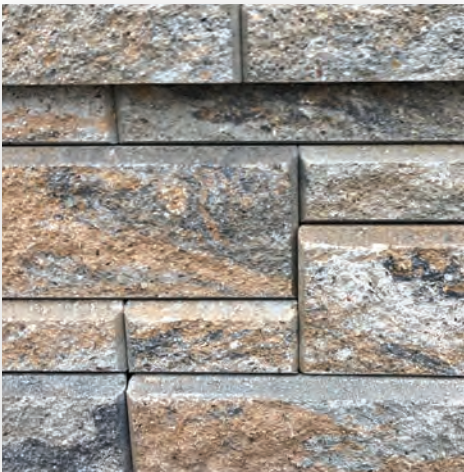


AB Jumbo Jr.
6 degree setback - 39 lbs.
0.5 sq. ft. coverage (*approx.*)
8" H x 9.5" D x 9" W
80 units per pallet



Universal AB Capstone
65 lbs. per unit
0.5 sq.ft. coverage (*approx.*)
4" H x 12" D x 18" L
50 units per pallet

COLORS



Gray Charcoal Tan



Brown Beige Charcoal



Tan Brown Charcoal

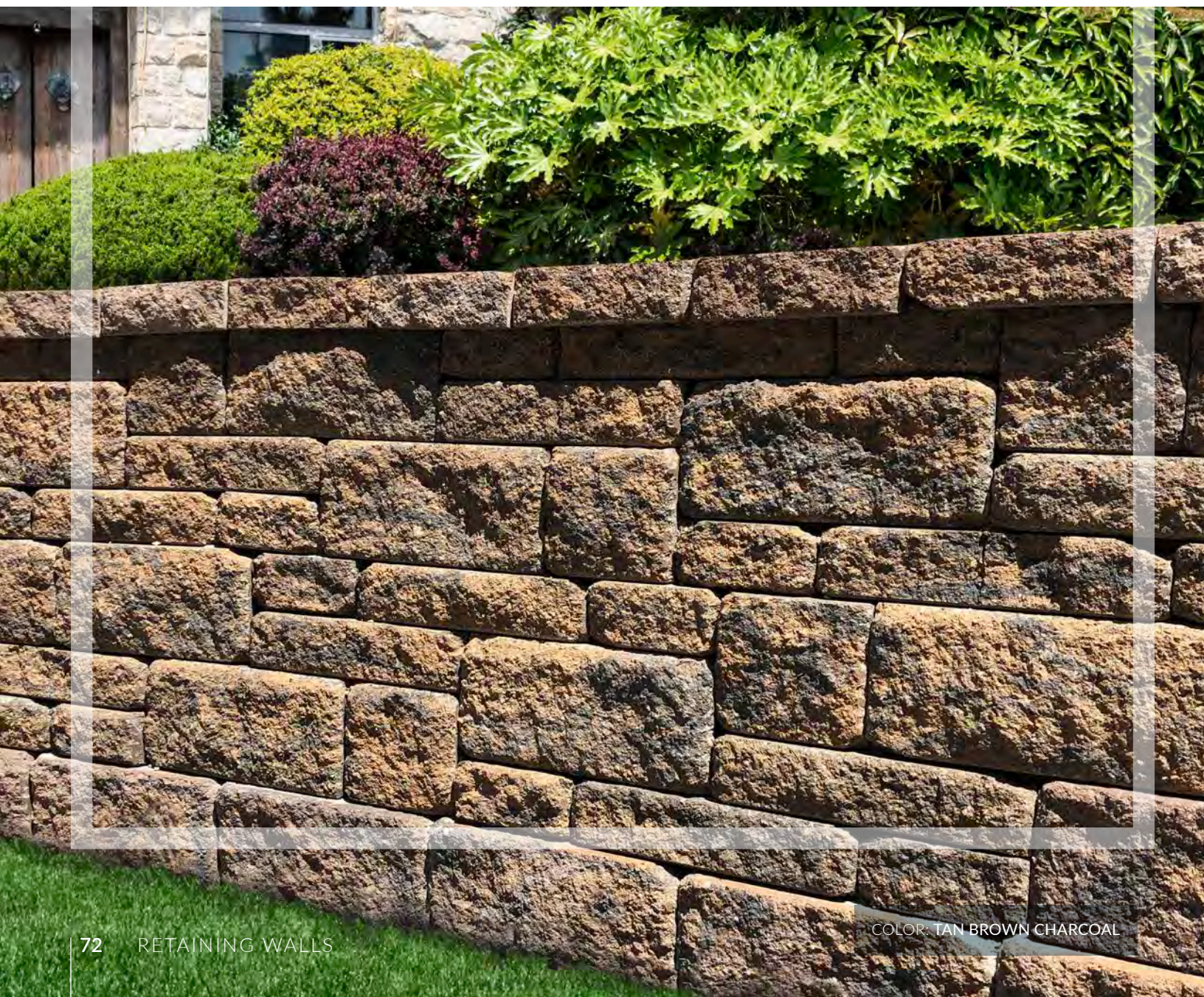
Note: Allan Block Stone, Classic, Corner and Cap units are also stocked in solid Tan and Gray

ALLAN BLOCK EUROPA

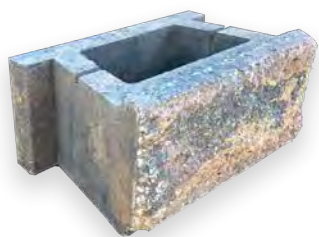
ALLANBLOCK.COM



Allan Block Europa captures the natural stone effect that brings distinction to any project. The unique texture creates a stunning look and gives old world charm to any landscape.

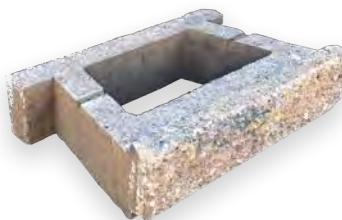


PRODUCT DETAILS



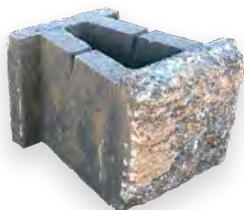
AB Dover

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 - 39 lbs.
0.5 sq. ft. coverage (approx.)
4" H x 12" D x 18" L
80 units per pallet



AB Palermo

6 degree setback - 37 lbs.
0.5 sq. ft. coverage (approx.)
8" H x 9.5" D x 9" W
80 units per pallet



AB Bordeaux

6 degree setback - 19 lbs.
0.25 sq. ft. coverage (approx.)
4" H x 9.5" D x 9" W
160 units per pallet



AB Europa Corner

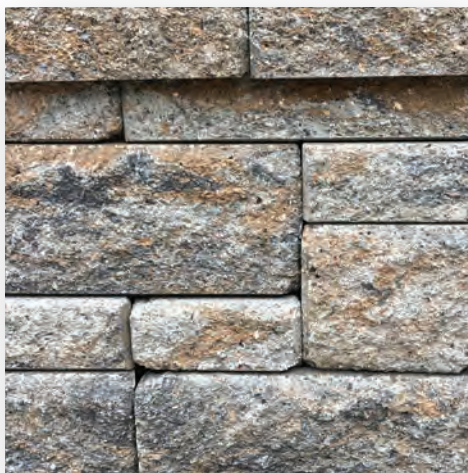
65 lbs. per unit
1.3 sq. ft. coverage (approx.)
8" H x 8" D x 16" L
54 units per pallet
27 left, 27 right
(left corner shown)



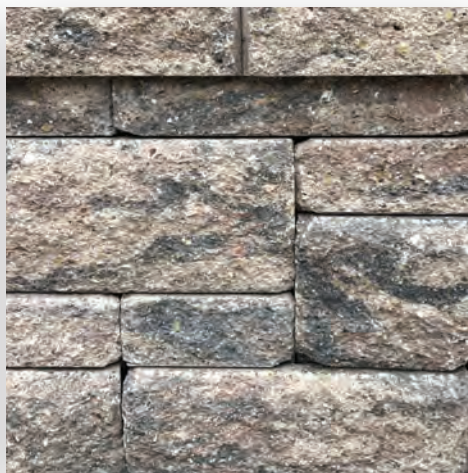
Universal AB Capstone

65 lbs. per unit
0.3 sq. ft. coverage (approx.)
4" H x 12" D x 18" L
50 units per pallet

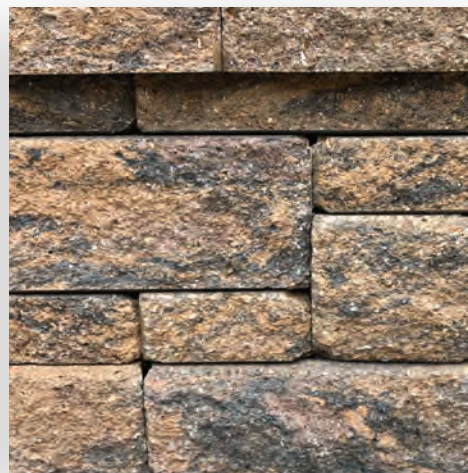
COLORS



Gray Charcoal Tan



Brown Beige Charcoal

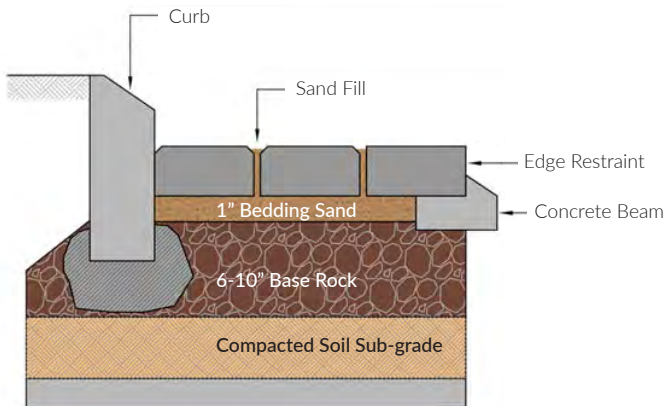


Tan Brown Charcoal

Allan Block Europa is manufactured using a Calstone exclusive flail antiquing process that produces random chips, scratches, and rounded corners to reproduce the look of natural stone wall.

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 an efflorescence cleaner.

Can I expect every paving stone to be perfect?

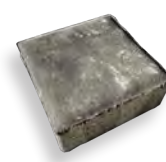
Some of your pavers may have slight surface variations. Although we attempt to make every paving stone perfect there will always be a small percentage that has imperfections including de-molding marks, incidental scuffing, flashing, efflorescence, and some color variation. This is normal and is part 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.



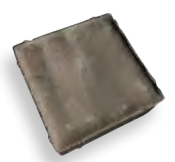
De-Molding Mark



Flashing



Incidental Scuffing



Efflorescence

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 three different antiquing methods that are specific to the product being treated. The three methods we use are barrel tumbled antiquing, hammer antiquing, and flailing 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 units 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 SEK Polysweep 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 a several reasons why pavers appear to be fading. 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 an efflorescence cleaner. 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 appear to 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

How do I clean my pavers?

For proper cleaning procedures visit: icpi.org/calstone. Choose Tech Spec #5 (*Cleaning, Sealing and Joint Sand Stabilization of Interlocking Concrete Pavement*).

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*) or choose Tech Spec #18 (*Construction of Permeable Interlocking Concrete Paving Systems*).

PAVING JOINT PRODUCTS

TECHNISEAL® HP NEXTGEL™



Calstone has partnered with Techniseal® in manufacturing HP NextGel™ jointing sand, a state-of-the-art mix of graded sand and binder that flows smoothly down joints for a fast and effective installation of pavers or slabs with false, narrow or wide joints. HP NextGel™ jointing sand, is also recommended for surfaces exposed to heavy traffic, for high-humidity areas and concrete

overlay. Easy to use, HP NextGel™ jointing sand starts to set only a few minutes after being activated with water, and quickly becomes resistant to water erosion (rain, splashes, sprinklers, etc.). Techniseal® HP NextGel™ jointing sand is manufactured with a revolutionary technology. NextGel™ radically transforms and improves the properties and behavior of jointing sand, resulting in the first ever true “no dust”, “no haze” and “no waste” jointing sand for a fast, clean, durable and profitable installation. Available in Tan and Gray.

Product Details

| Size | Bags/Pallet |
|-----------|-------------|
| 50 LB Bag | 56 |

NEXTGEL® ESTIMATED COVERAGE PER 50 LB BAG

| Joint Size | Area in Sq. Ft. |
|--------------|-----------------|
| 1/16" - 1/4" | 60-120 |
| 1/2" - 4" | 25-40 |

TECHNISEAL® SMARTSAND®



Calstone has partnered with Techniseal® in manufacturing SmartSand®, a polymeric sand with a mix of ASTM C144 graded sand and binder that provides a stable joint between interlocking concrete pavers exposed to normal traffic. Applied dry, it hardens after being activated with water. It allows joints to resist erosion, weeds and insects. Manufactured with the NextGel™

technology, SmartSand® is quick to activate, sets rapidly and leaves no undesirable haze on pavers. Available in Tan and Gray.

Product Details

| Size | Bags/Pallet |
|-----------|-------------|
| 50 LB Bag | 56 |

SMARTSAND® ESTIMATED COVERAGE PER 50 LB BAG

| Joint Size | Area in Sq. Ft. |
|------------|-----------------|
| Up to 1/4" | 60-120 |
| 1/2" - 1" | 25-40 |

Visit techniseal.com or dial 1-800-465-7325 for more details. For a more precise evaluation of the coverage, please refer to the product calculator.

CALSTONE PAVING STONE JOINT SAND



Calstone Joint Sand has been developed specifically for superior performance on interlocking concrete pavements. Calstone Joint Sand is washed 4 times to remove all of the super-fines, and screened 3 times to remove any oversized particles. Calstone joint sand meets ASTM C-144 as recommended by ICPI. Available in Beige.

Features and Benefits

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

Product Details

| Size | Bags/Pallet | Sq. Ft./Pallet |
|--------------|-------------|----------------|
| 50 LB Bag | 56 | 85-100 |
| 2000 LB Sack | 1 Sack | 3,400-4,000 |

CALSTONE “FINE #9” JOINT ROCK



Calstone's Fine #9 Joint Rock was specifically designed for our Narrow Joint permeable paving stone. (see page 27 and/or 49).

Our Narrow joint permeable system has joint widths of 4mm and initial infiltration rates in excess of 150"/hr. Our Fine #9 Joint Rock must be used to complete your permeable Narrow Joint paving stone installation.

Our joint rock can also be used with our other interlocking permeable paver products. Please refer to our product application chart (page 6) for additional interlocking permeable paver products.

Product Details

| Size | Bags/Pallet | Sq. Ft./Pallet |
|--------------|-------------|----------------|
| 50 LB Bag | 56 | 40-60 |
| 2000 LB Sack | 1 Sack | 1,300-2,000 |

GUARANTEE

CALSTONE

Because Quality Matters

Oldcastle APG (“Calstone”) is proud to inform you that all of our interlocking concrete paver and retaining walls (“Products”) meet and/or exceed the requirements of ASTM C-936 and ASTM C-1372. 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 ICPI and NCMA 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



Matt Morey
President - Oldcastle Pacific

ABOUT US

Calstone has serviced Northern California with high-quality concrete masonry and landscaping products for 75 years. Established in 1947, in San Carlos, Calstone has three State-of-the-art manufacturing facilities located in Gilroy, San Martin, and Tracy. We also have a distribution facility in Galt.

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 patented 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.



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 is a brand within the Oldcastle APG Portfolio. For more information on Oldcastle APG and its portfolio of brands, visit oldcastleapg.com.

STAY CONNECTED



Oldcastle Pacific Manufacturing/Distribution Centers:

San Martin

13775 Llagas Avenue
San Martin, CA 95046
phone (408) 686-9627
fax (408) 686-9127

Galt

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

Gilroy

5787 Obata Way
Gilroy, CA 95020
phone (408) 984-8800
fax (408) 984-2648

Tracy

426 East Grant Line Road
Tracy, CA 95376
phone (209) 833-7366
fax (209) 833-7467

