



**MUTUALMATERIALS®**

# **HARDSCAPE** *Building Beauty That Lasts*



**PAVING | RETAINING WALLS | NATURAL STONE**





**Kendall Anderegg**

*President, Mutual Materials*

**Hello,**

Thank you for considering Mutual Materials for your project.

At Mutual Materials our mission is to provide high quality masonry and hardscape products, which are ultimately used to build beauty that lasts

through community buildings, family homes, relaxing public landscapes and private outdoor living areas. It is inspiring to see in our community the visionary uses of our products in creating hospitals, schools, stadiums, businesses, homes, parks and backyard spaces.

Mutual Materials is also a family business and we locally manufacture the products we sell. From humble beginnings with one brick plant in Seattle during 1900, we have grown today into a major regional employer operating more than 10 manufacturing plants and 16 branch offices across Washington, Oregon, Idaho, Montana and British Columbia.

On behalf of the team here at Mutual Materials, we appreciate our customers. Thanks for the opportunity to win your business, and we hope that we can help you build beauty that lasts.

Sincerely,

Kendall Anderegg  
*President, Mutual Materials*



Patio: Columbia Slate, Summit Blend  
Tree Ring: RomanStack, Summit Blend  
Walkway: Flagstone





**MUTUAL MATERIALS®**

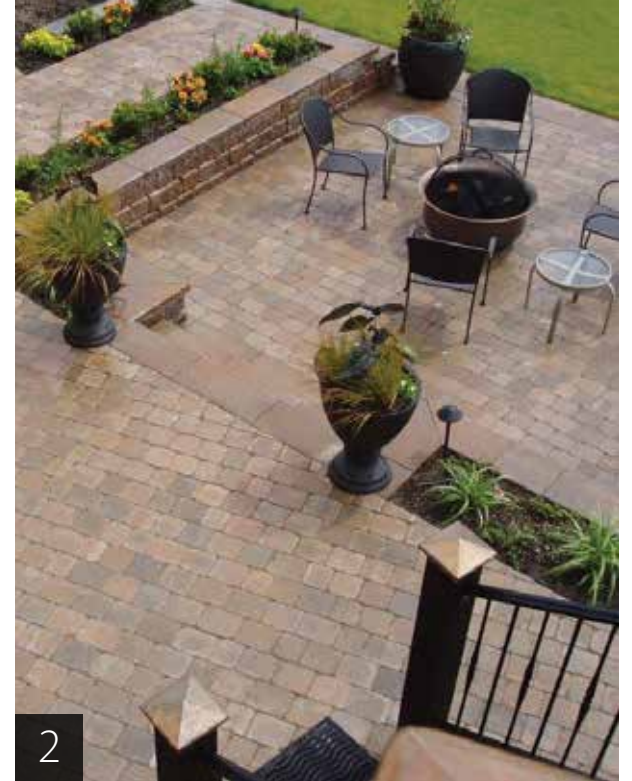
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*patios*







5

1. Garden patio: Holland Pavers, Rustic and Cascade Blends
2. Grand patio: Roman Cobblestone, Summit Blend
3. Colorful patio: Clay Pavers, Mauna Loa, Red Varitone
4. Modern patio: Glacier Slate, Charcoal
5. Hillside patio: Roman Dominion, Summit Blend
6. Circular patio: Old Dominion, Harvest Blend
7. Large patio: Columbia Slate, Summit Blend with sealant



6



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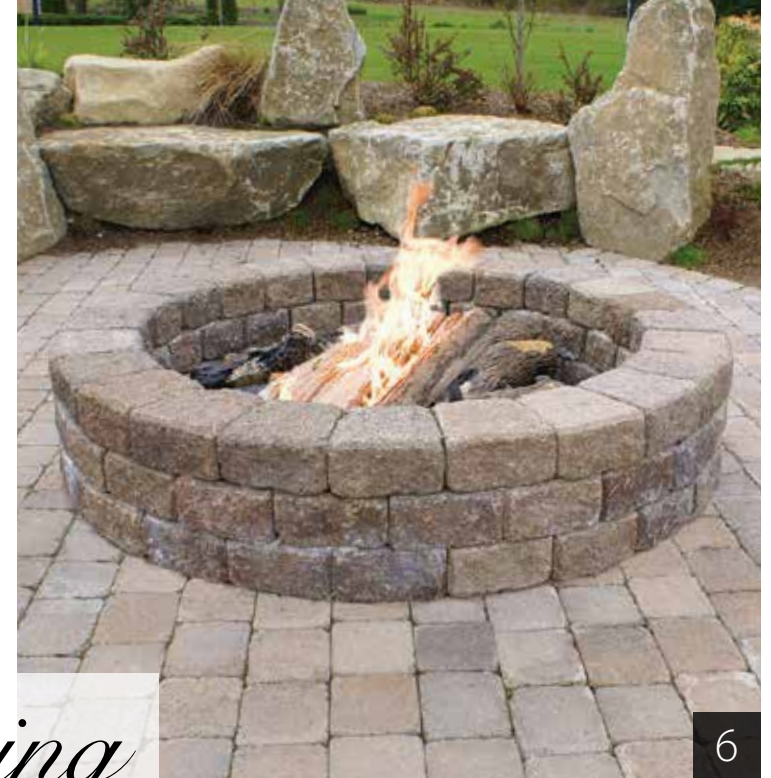




*retaining walls*







## *outdoor living*

1. Retaining wall: ManorStone, Northwest Blend
2. Tree ring planter: Romanstack, Summit Blend
3. Retaining wall: Cornerstone, Gray; Stairs and wall caps: ManorStone, Gray
4. Terraced planter walls: Roman Cypress, Cascade Blend
5. Fireplace and walls: TuscanStone; Bench: TuscanStone; Patio: Roman Cobblestone, Cascade Blend
6. Fire pit: Romanstack, Harvest Blend; Patio: Roman Cobblestone, Harvest Blend, Natural stone boulders
7. Fireplace: Natural Stone, Loon Lake; Water feature: Natural stone elements







# *driveways, walkways*

1. Driveway and entry: Dominion Slate, Northwest Blend
2. Permeable driveway: Eco-Priora Permeable Pavers, Gray
3. Permeable driveway: Eco-Priora Permeable Pavers, Gray
4. Driveway: Old Dominion Squares & Recs, Rustic Blend
5. Walkway: Old Dominion Squares & Recs, Cascade Blend with Holland border
6. Backyard walkway: Roman Cobblestone, Harvest Blend





4



5



6





## ENVIRONMENTAL COMMITMENT

**We are committed to sustainable business practices and eco-friendly products.**

Mutual Materials manages company operations to high standards from mining and manufacturing through distribution and branch offices. Our eco-friendly products are used to create green buildings and beautiful outdoor hardscapes that maximize energy and resource conservation.

### IN OUR OPERATIONS



**CARBONCURE™**



#### Recycling in Production Processes

We use recycled materials within our products and manufacturing processes.

#### Water Conservation

We manage stormwater plus recycle and reuse water in our manufacturing processes.

#### CarbonCure™

We can recycle carbon dioxide through CarbonCure technology to make greener concrete products on specified projects.

#### Energy Efficient Equipment

We invest in energy efficient equipment and low emission vehicles, from using propane-powered forklifts in our distribution years to hybrid transport vehicles.

#### Soil Reclamation

We incorporate best practices for soil and reclamation for all plants and mining operations.

#### Supply Chain Fleet Management

We are a member of SmartWay®, a public-private initiative with the EPA to improve environmental performance of goods moving throughout supply chains.

### IN OUR PRODUCTS



#### Natural, Recyclable Products

We make products from natural resources and recycled materials.

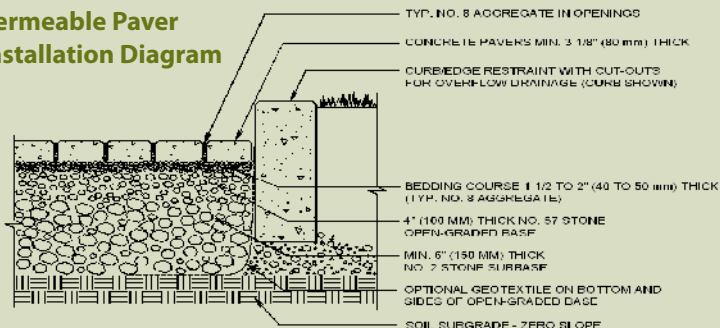
#### Resource Conservation

Masonry and hardscape provide energy efficiency to buildings and water conservation for landscapes.

#### United States Green Building Council (USGBC)

Our product line qualifies for contribution towards LEED credits.

#### Permeable Paver Installation Diagram



#### PERMEABLE PAVERS

A critical element in the management and treatment of stormwater runoff, permeable pavers are becoming incredibly popular in sustainable design. Used in both commercial and residential applications, permeable pavers also play a key role in the reduction of heat-island effect and erosion.

#### BRICK

Made simply of clay and shale, brick is one of the world's oldest "green" products. In addition to being one of the most aesthetically versatile design products, brick provides many functional benefits in a building envelope. Besides being fireproof, insect-proof, low-maintenance and a natural insulator, brick is also 100% recyclable.





## MUTUAL MATERIALS PRODUCTS AND LEED® POINTS

Mutual Materials produces a wide array of products that help contribute to LEED points as determined by USGBC. The matrix at right, indicates just some of the ways Mutual Materials products can help achieve healthy construction sites and sustainable buildings.

### LEED

LEED (Leadership in Energy and Environmental Design) is a third-party certification program for the design, construction, and operation of buildings and other projects aiming to achieve a high-performance green rating. Administered by the United States Green Building Council (USGBC), LEED's Green Building Rating System® assigns points based on the materials and systems used in a project to help evaluate the overall performance. The number of points earned determines a project's level of LEED certification.

LEED promotes sustainability by assigning points in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality. Mutual Materials products may help contribute to some of these areas.

LEED CERTIFICATION SCALE	
RATING	POINTS REQUIRED
Certified	40 – 49 points
Silver	50 – 59 points
Gold	60 – 79 points
Platinum	80 or more points

Credits vary by project and by manufacturer. For more specific information on how our materials might contribute to LEED certification for your project, please contact your Mutual Materials representative.

\* Design dependent

\*\* All of Mutual Materials manufactured products are made within 500 miles of projects built in the Pacific Northwest. Up to 100% of the materials that make up Mutual Materials products are harvested within 500 miles of projects built in the Pacific Northwest.

## SUSTAINABILITY

PRODUCT	LEED SECTION: SUSTAINABLE SITES*	LEED SECTION: MATERIALS AND RESOURCES**
Brick		Building product disclosure and optimization - environmental product declarations - sourcing of raw materials 10% Regional Materials 20% Regional Materials 100% Manufactured Up to 100% Harvested
Concrete Block		Building product disclosure and optimization - environmental product declarations - sourcing of raw materials 10% Regional Materials 20% Regional Materials 100% Manufactured Up to 100% Harvested
Concrete Pavers	Heat Island Effect, Non-Roof Heat Island Effect, Roof	Building product disclosure and optimization - environmental product declarations - sourcing of raw materials 10% Regional Materials 20% Regional Materials 100% Manufactured Up to 100% Harvested
Permeable Concrete Pavers and TurfStone (grass grid)	Rainwater Management Heat Island Effect, Non-Roof	Building product disclosure and optimization - environmental product declarations - sourcing of raw materials 20% pre-consumer material 10% Regional Materials 20% Regional Materials 100% Manufactured Up to 100% Harvested
Segmental Retaining Walls		SRW can contain up to 20% pre-consumer material 10% Regional Materials 20% Regional Materials 100% Manufactured Up to 100% Harvested
Design Mix Mortar		Design Mix mortar contains 4% post-industrial material 10% Regional Materials 20% Regional Materials 100% Manufactured Up to 100% Harvested
Architectural Slabs	Heat Island Effect, Non-Roof Heat Island Effect, Roof	10% Regional Materials 20% Regional Materials 100% Manufactured Up to 100% Harvested





• SUSTAINABLE • PERMEABLE • RECYCLED • ECOLOGICAL SOLUTIONS •

# ENVIRONMENTAL

If you're looking to live a little greener, consider our Environmental series. When properly installed, a permeable paver system allows you to significantly reduce stormwater runoff by returning water directly into the soil and preventing it from carrying pollutants into our storm drains.

Popular uses for permeable paving include driveways, streets, parking lots, walkways and plazas. These pavers also function to reduce heat island effect and can play a role in limiting erosion. Explore how our Environmental series can help you take another step towards sustainability.

## ENVIRONMENTAL SERIES

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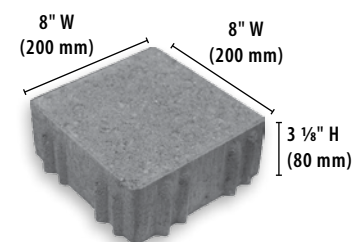
## ENVIRONMENTAL SERIES

# Eco-Priora®

With its unique, patented interlocking spacer lugs Eco-Priora provides secure structural performance. It works very well under heavy vehicular traffic, especially when compared to other “rectangular” permeable pavers. When designed in a permeable pavement system, LEED® “heat island” and “runoff” credits may be available. Eco-Priora’s flat surface is well suited for pedestrian and ADA (Americans with Disabilities Act) accessible pavements.

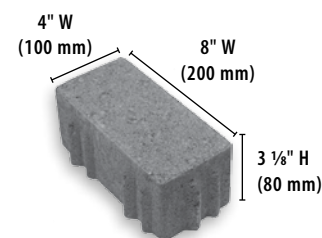
### 8 x 8 Unit

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



### 4 x 8 Unit

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





## ENVIRONMENTAL SERIES

# Uni Ecoloc®

Uni Ecoloc is an environmentally friendly, heavy-duty paving system designed to reduce stormwater runoff on industrial and commercial projects.

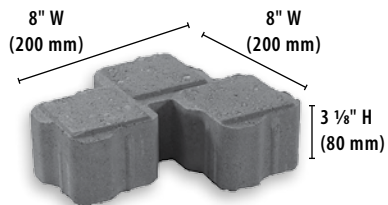
Uni Ecoloc pavers provide a very durable, yet permeable pavement system capable of supporting the heaviest vehicle loads. When installed, the unique patented design creates drainage openings in the pavement's surface, which facilitate rainwater infiltration.

Uni Ecoloc is a mechanically installed product and is considered ADA compliant (when installed and maintained properly).

Available in Gray.

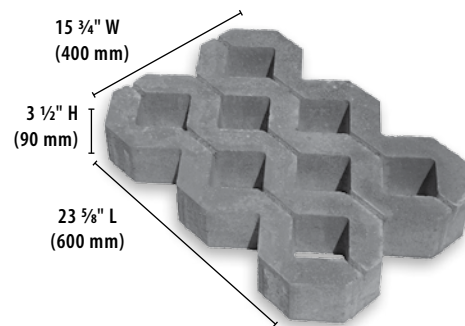
### Uni Ecoloc Unit

*(There is a 12.8% void area per square foot.)*



# TurfStone

TurfStone provides a simple solution for pedestrian or low-vehicular-use areas. With a 40% open-area design, grass can grow through it to help control erosion and stabilize the soil. Available in Gray.





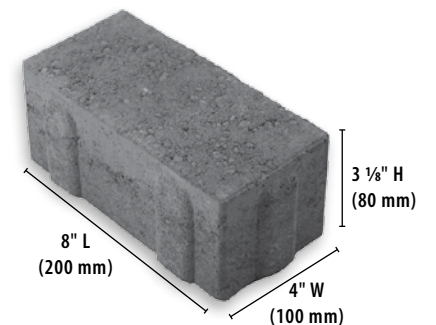
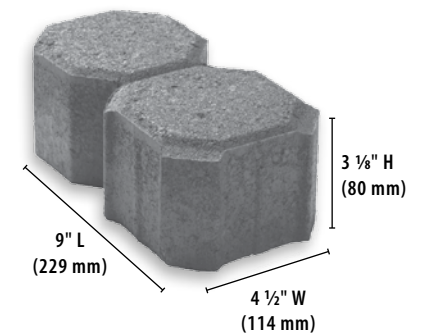
## ENVIRONMENTAL SERIES

# Uni Eco-Stone®

Uni Eco-Stone is an innovative, permeable paving system that allows for rainwater infiltration. Excellent for driveways, parking areas and patios, Uni Eco-Stone can easily support the weight of cars, trucks and RVs. Uni Eco-Stone pavers are considered ADA compliant (when installed and maintained properly). Available in Gray.

### Uni Eco-Stone Unit

*(There is a 12.8% void area per square foot.)*



## Permeable Holland Herringbone 8 cm

Designed exclusively for mechanical install, Permeable Holland Herringbone 8 cm with unique spacer lugs provides secure structural performance for permeable interlocking concrete pavements (PICP's). It works well under vehicular traffic and is compliant with the most recent ADA requirements.





• TIME-HONORED • CLASSIC • VERSATILE • DURABLE •

# PAVERS

Patios, walkways, driveways and pool decks all benefit from the beauty, strength and durability of concrete pavers. Mutual Materials pavers come in a variety of shapes, colors and textures so that you can make your dream a reality.

Concrete and clay pavers add that extra something to a home, creating outdoor living spaces where you can relax and entertain. From old world to contemporary, pavers can lend a distinctive tone to the character of your yard.

## MEDITERRANEAN SERIES

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Holland.....	26





## MEDITERRANEAN SERIES

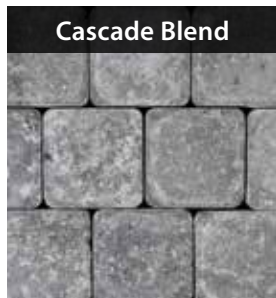
# Roman Dominion®

Those desiring the look of a European courtyard will want to pave with Roman Dominion. These pavers are tumbled giving them soft, rounded corners and a worn texture.

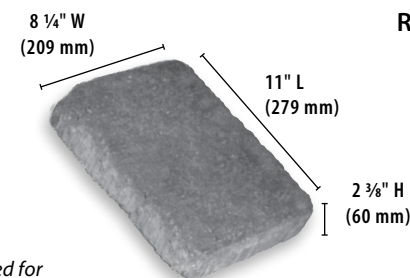
### Square



Summit Blend

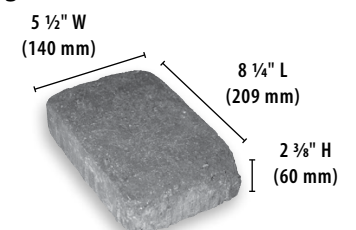


### Large Rectangle\*



\*Not recommended for vehicular use.

### Rectangle





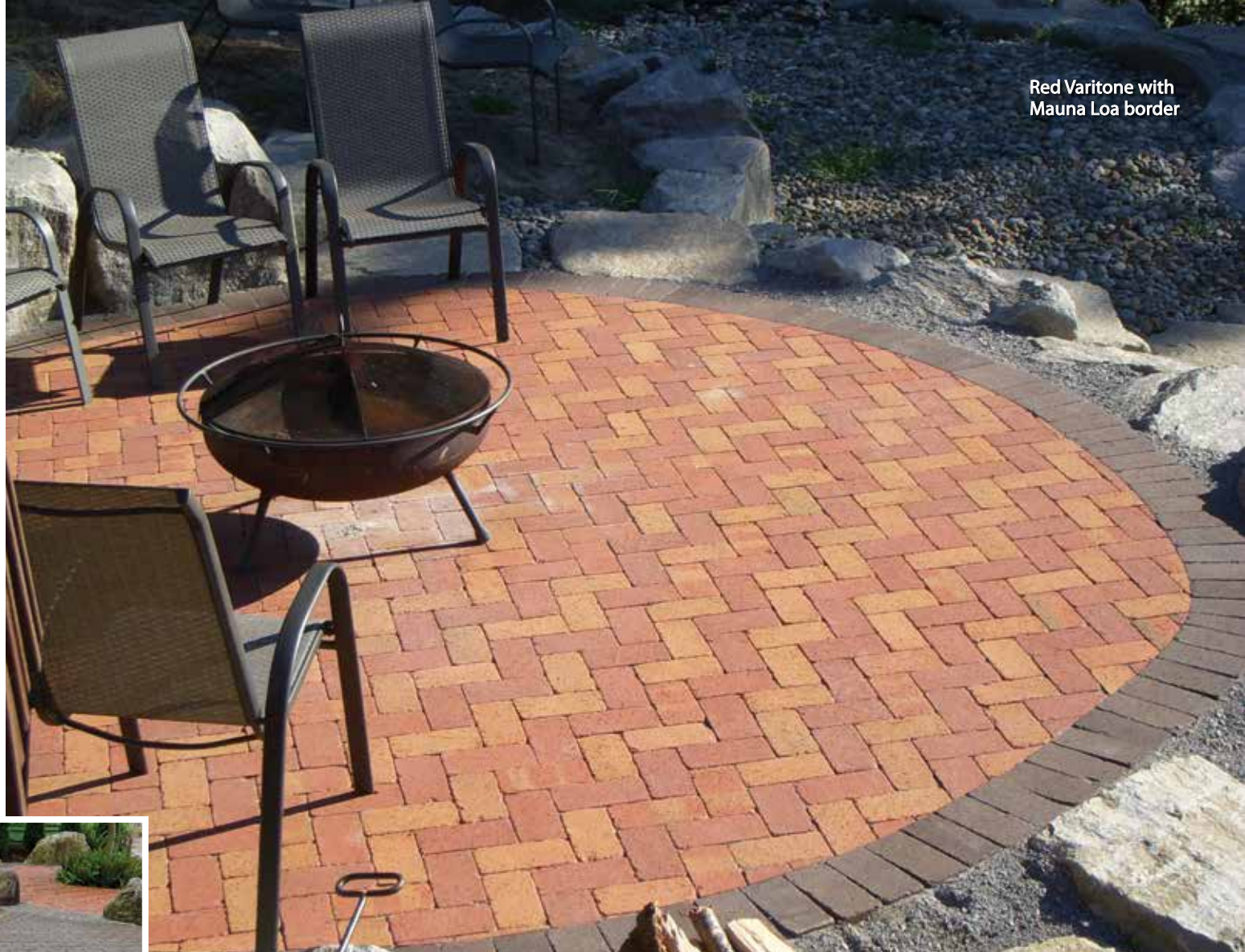
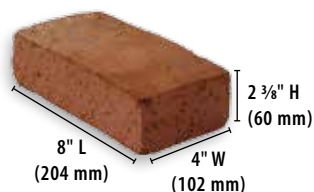
## MEDITERRANEAN SERIES

# Clay Pavers

Get the timeless look of brick in your patio or walkway by using our Clay Pavers. Coming in a rectangular shape, clay pavers can be installed in a variety of patterns.

Our Roman Clay Pavers have the same thickness of a standard concrete paver making it possible to combine the two for unique designs.

### Roman Clay Pavers



Red Varitone with  
Mauna Loa border



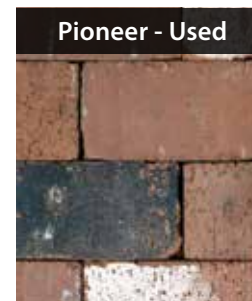
Mauna Loa



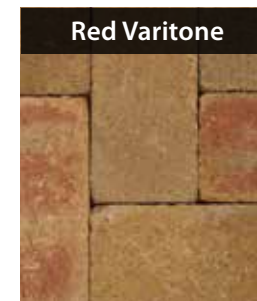
Inca



Mauna Loa



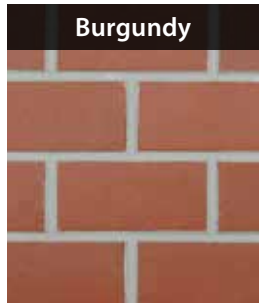
Pioneer - Used



Red Varitone



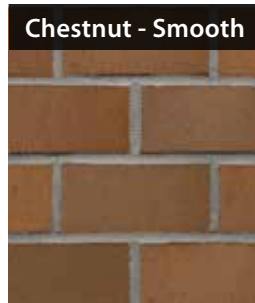
# Clay Paver Stocking Colors and Sizes



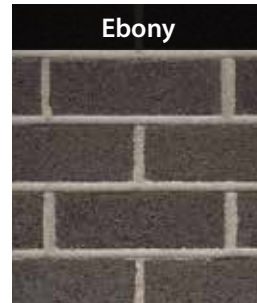
**Burgundy**



**Cascade Spice\***



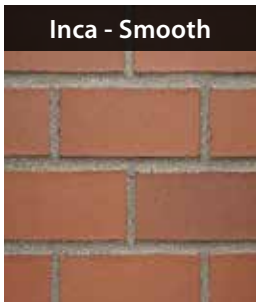
**Chestnut - Smooth**



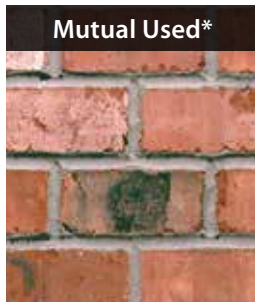
**Ebony**



**Imperial Red**



**Inca - Smooth**



**Mutual Used\***



**Pacific Handmold\***

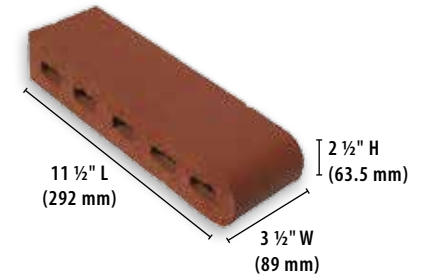


**Redondo Gray - Smooth**

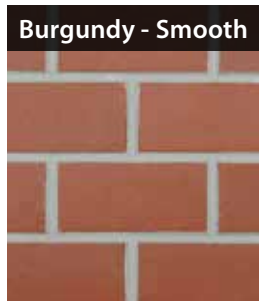
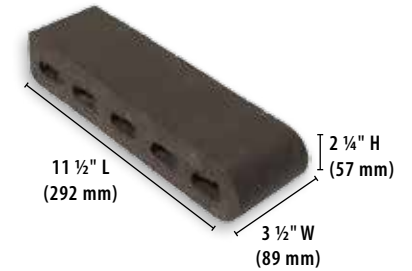
*\*Not available in 2.25" Coping Brick*

## MEDITERRANEAN SERIES

### 2.5" Coping Brick



### 2.25" Coping Brick



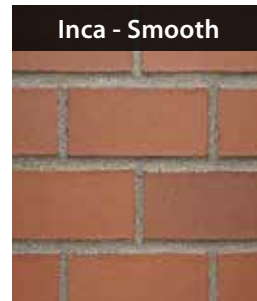
**Burgundy - Smooth**



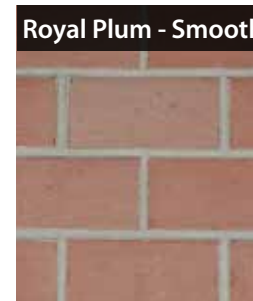
**Chestnut - Smooth**



**Imperial Red - Smooth**



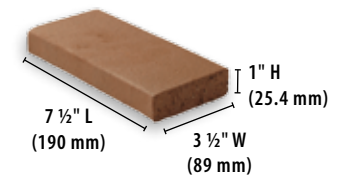
**Inca - Smooth**



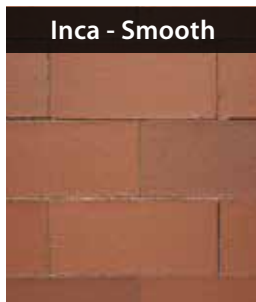
**Royal Plum - Smooth**

### Mica Tile

*(To be used in mortar-set applications only.)*

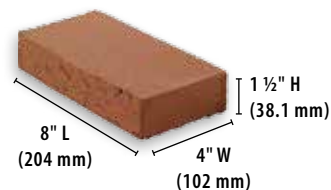


**Chestnut - Smooth**



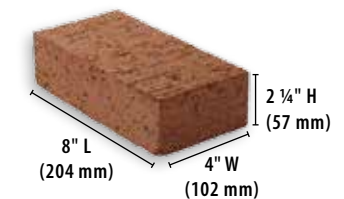
**Inca - Smooth**

### Clay Pavers



**Red Clay - Patio Paver**

### Patio Pavers





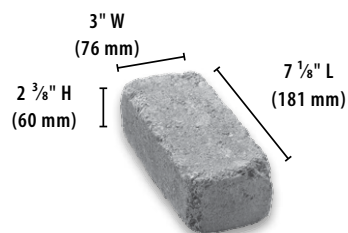
## MEDITERRANEAN SERIES

# Roman Cobblestone

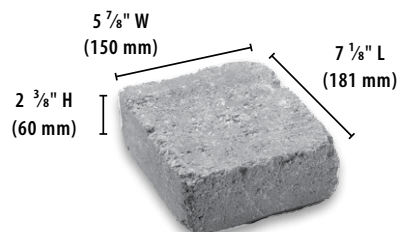
NEW IN 2017! Now available in Small and Medium size, as well as Large, to provide a wide range of possibilities for your outdoor projects.

Tumbled to create a time-worn appearance, Roman Cobblestone adds beauty and character to any paved surface.

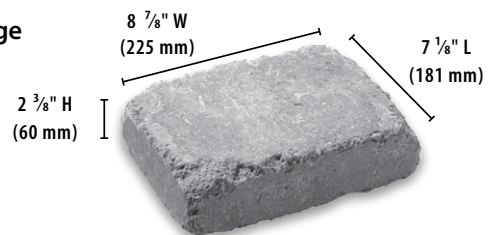
### New! Small



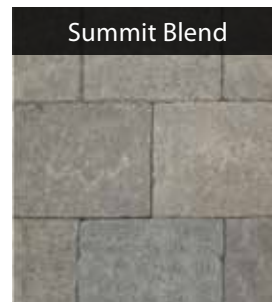
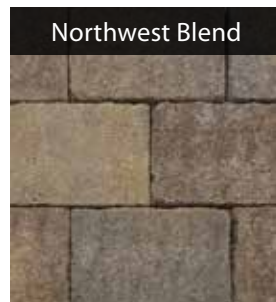
### New! Medium



### Large







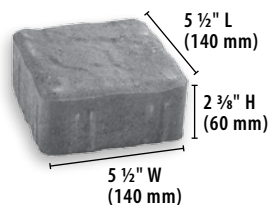


## MEDITERRANEAN SERIES

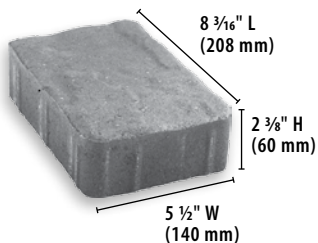
# Dominion Slate

Get the look of stone with the consistency and affordability of concrete pavers. Our Dominion Slate Paver has a slate texture where the slight rippling provides a surface with soft ridges.

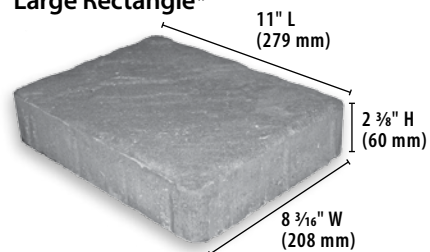
### Square



### Rectangle



### Large Rectangle\*



\*Not recommended for vehicular use.



Harvest Blend

Cascade Blend



Harvest Blend



Northwest Blend



Photo courtesy of Dreamscapes Landscape and Design.

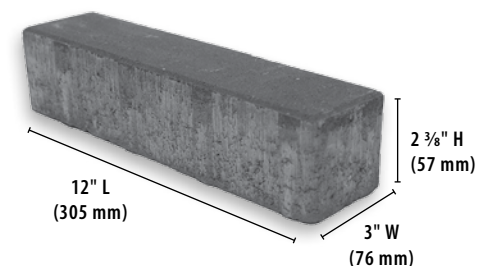


## TRADITIONAL SERIES

# Plank Pavers

Our Plank Pavers bring yet another unique option to our hardscape line of products. Inspired by hardwood flooring, these pavers are elongated measuring 3" wide by 12" long.

### Plank Paver



Charcoal





TRADITIONAL SERIES

# Old Dominion

With embossed edges and natural colors, Old Dominion Pavers reproduce the essence of ancient Rome. Old Dominion is available in two styles (Circle Kits and Squares & Rectangles) allowing for multiple patterning possibilities.

Circle Kits make it easy to add a circular patio, fountain surround, or other unique designs.

Old Dominion Squares & Rectangles are a combination of three shapes, offering a variety of random installation patterns.



Rustic Blend

## Old Dominion Circle\*

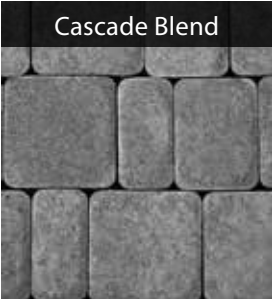
### Small Circle (1 Pallet)

HEIGHT	DIAMETER	CIRCUMFERENCE
2 3/8"	6' 1 5/16"	21' 7/8"
(60 mm)	(2120 mm)	(6158 mm)

### Large Circle (2 Pallets)

HEIGHT	DIAMETER	CIRCUMFERENCE
2 3/8"	9' 3/4"	30' 5/8"
(60 mm)	(2968 mm)	(9327 mm)

\* Must be purchased by the full pallet.



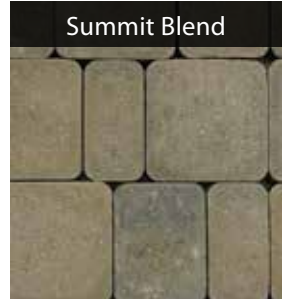
Cascade Blend



Harvest Blend



Rustic Blend



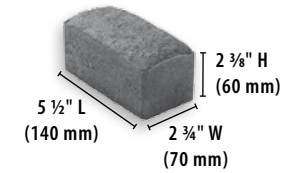
Summit Blend



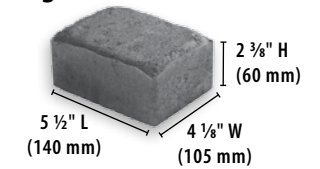
## TRADITIONAL SERIES

### Old Dominion Squares & Rectangles\*\*

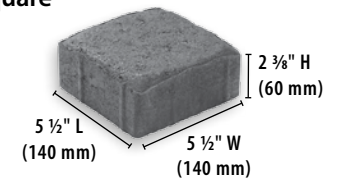
#### Small Rectangle



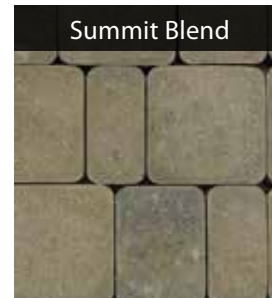
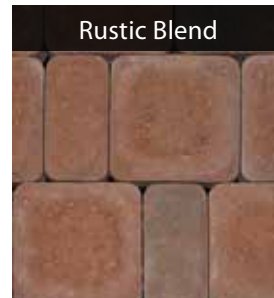
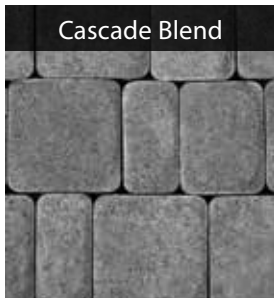
#### Rectangle



#### Square



Summit Blend



\*\* Must be purchased by the full pallet or full layer.

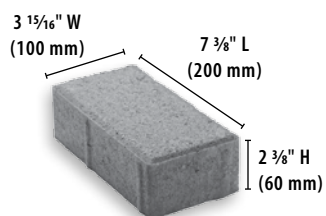


## TRADITIONAL SERIES

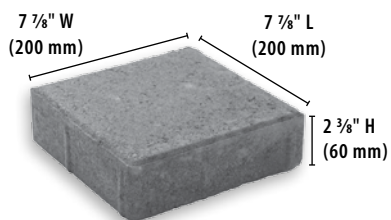
# Holland

Holland Pavers offer the traditional appeal of a simple brick shape with a beautiful, durable surface. Holland Pavers come in three sizes, giving you the ability to mix shapes, patterns and colors for dramatic effect.

### Holland



### Double Holland



### Triple Holland

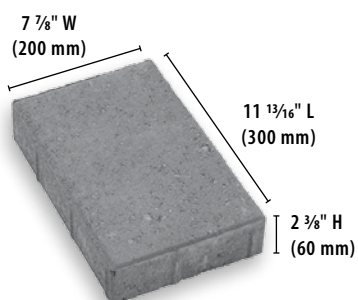
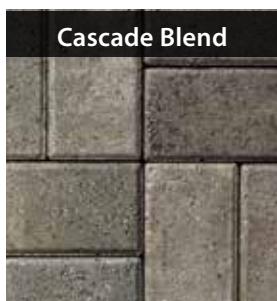


Photo courtesy of Creative Bros Landscape







• TIME-HONORED • CLASSIC • VERSATILE • DURABLE •

# PATIO STONES & SLABS

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

For a more modern design, our architecture slabs fit the bill. Choose from concrete slabs in a variety of colors and finishes, or the contemporary European-style of our porcelain slabs imported from Italy.

## PRESTIGE SERIES

Porcelain Slabs .....	28
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Columbia Slate .....	34



## PRESTIGE SERIES

# Porcelain Architectural Slabs

Porcelain Slabs elevate outdoor living to a new level of sophistication and modern elegance. The colors and texture styles are compatible to modern interior tile, allowing an extension of interior design into contemporary outdoor living areas.

Made by leading Italian tile designer Atlas Concorde, our Porcelain Slabs lend a European contemporary style to luxury outdoor living areas that can withstand the weather of the Pacific Northwest.

*Imported from Italy, limited stock on hand, special order available*

ETIC Pro Rovere Venice

11 3/4" x 47 1/4"  
(30 cm x 120 cm)

SUNROCK Bourgogne

23 5/8" x 23 5/8"  
(60 cm x 60 cm)

MARK Pearl

23 5/8" x 23 5/8"  
(60 cm x 60 cm)

TRUST Titanium

23 5/8" x 23 5/8"  
(60 cm x 60 cm)

SEASTONE Grey

23 5/8" x 23 5/8"  
(60 cm x 60 cm)

AXI Grey Timber

23 5/8" x 23 5/8"  
(60 cm x 60 cm)



CONTEMPORARY DESIGN,  
PREMIUM PERFORMANCE



## PRESTIGE SERIES

# Glacier Slate\*

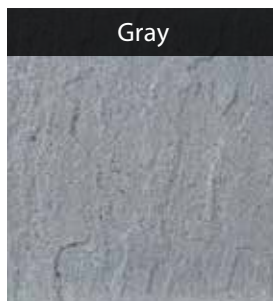
Add the “ahhh” factor to any of your outdoor living spaces. With its slate texture finish, these slabs give your project a more natural look. Combined with any of our other slabs, Glacier Slate helps expand the versatility of your design.

*\* Glacier Slate is not suitable for vehicular traffic.*

Charcoal



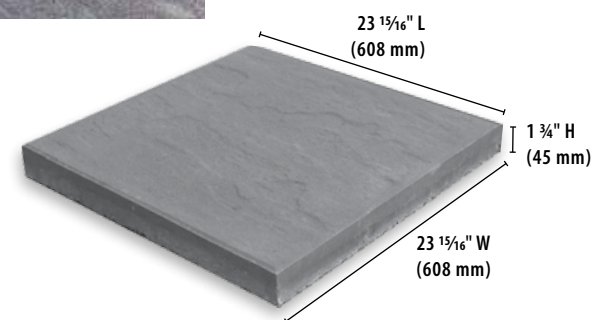
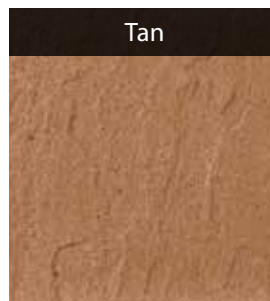
Gray



Latte



Tan



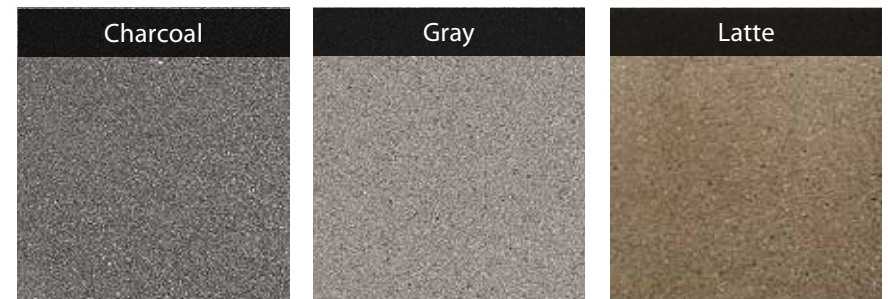
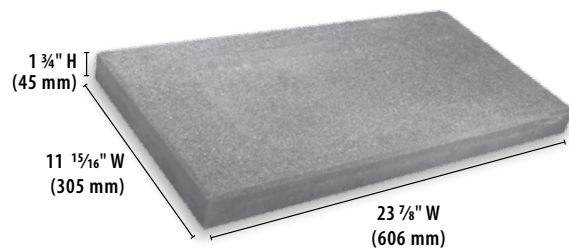


## PRESTIGE SERIES

# 12 x 24" Vancouver Bay Series\*

Vancouver Bay Slabs have a light shot-blast finish for soothing colors and an elegant appearance. Outdoor living spaces, pathways and roof decks are ideal settings for architectural slabs. Use Vancouver Bay Slabs anywhere an elegant, yet understated, pedestrian pavement is desired.

*\*Vancouver Bay Series is not suitable for vehicular traffic.*





Graphite and Platinum

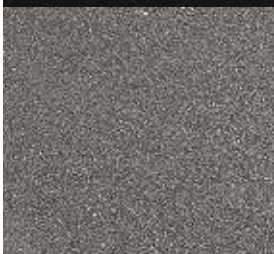
**PRESTIGE SERIES**

# 18" Vancouver Bay Series\*

*\* Vancouver Bay Series is not suitable for vehicular traffic.*



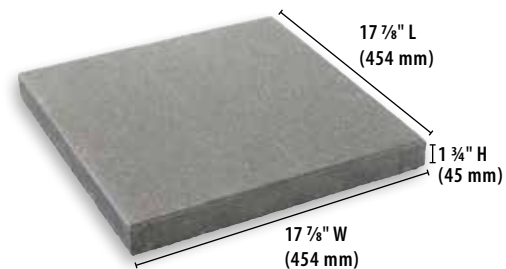
Graphite



Platinum



Latte

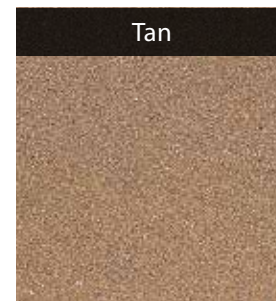
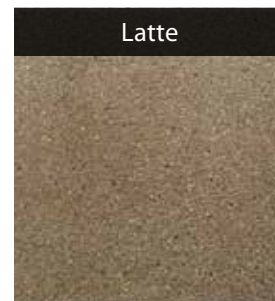
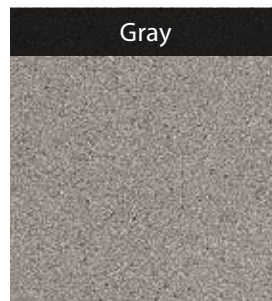
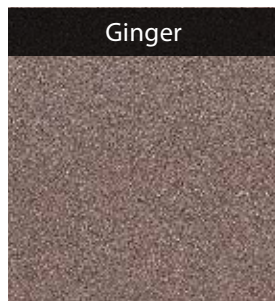
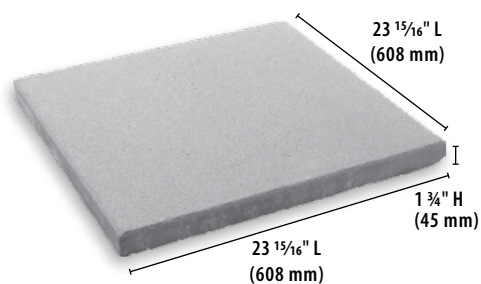




PRESTIGE SERIES

# 24" Vancouver Bay Series\*

*\*Vancouver Bay Series is not suitable for vehicular traffic.*





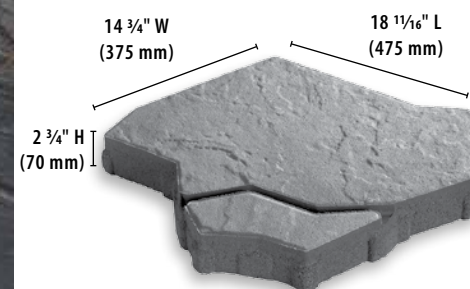
## PRESTIGE SERIES

### Slaton™

The Slaton paving system provides a random natural flagstone appearance can be installed efficiently in a variety of projects. The shape of each unit is the same, available in six different face patterns.

Slaton units can be installed as a standard paving application such as patios and walkways, or as stepping stones.

#### Slaton (One of six available face patterns)



Charcoal

Charcoal



## MEDITERRANEAN SERIES

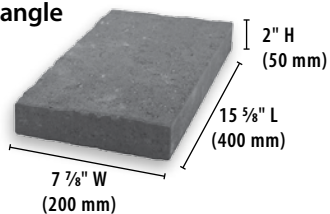
# Columbia Slate\*

Our Columbia Slate Patio Stones have a rippled surface mimicking the unevenness found in natural stone. Columbia Slate Patio Stones come in three sizes. You can use one size or combine sizes to create the look you want for your project.

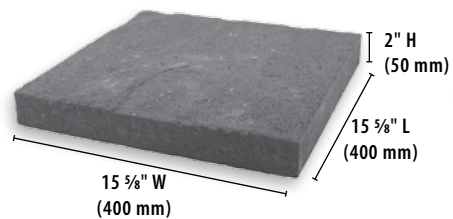
Its rectangular dimensions allow for the ultimate design versatility and its larger dimensions allow for less units per square foot.

*\*Columbia Slate Patio Stones are not suitable for vehicular traffic.*

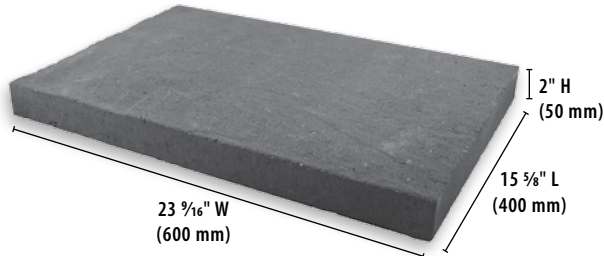
### Rectangle



### Square



### Large Rectangle



Summit Blend with sealant



Cascade Blend



Northwest Blend



Summit Blend







• TUMBLED • RADIUS-FACE • SPLIT-FACE • FLAT-FACE •

# RETAINING WALLS

Stately and sophisticated, retaining walls create outdoor spaces that are beautiful to behold and inviting to walk through. Retaining wall blocks can be used to stabilize your property's landscape and enhance a home's value and curb appeal. They add visual and textural interest as well as a sense of permanence.

From terraced hillsides and raised garden beds, to stairs, fire pits and complete outdoor living areas, Mutual Materials concrete retaining wall blocks come in a wide range of styles and colors to suit your personal style and landscape features.

## MEDITERRANEAN SERIES

TuscanStone™ .....	36
Roman Cypress™ .....	37
RomanStack® .....	38

## TRADITIONAL SERIES

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## MEDITERRANEAN SERIES

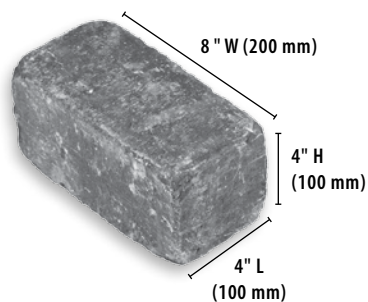
# TuscanStone™

Warm and inviting, the rustic TuscanStone is perfect for any outdoor living area. With a classic hand-chiseled appearance, TuscanStone has the look of being aged in the sun for hundreds of years.

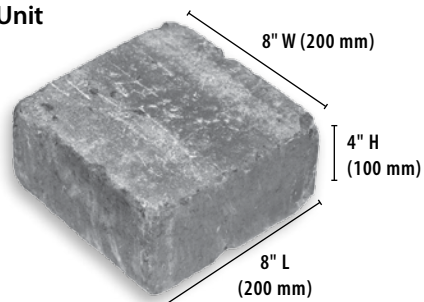
Typical uses include garden walls, planters, lamp posts, stair treads, and pavers. It's an easy way to introduce a rustic European influence into your landscape.

*Maximum gravity wall height: 2 ft (0.61 m)*

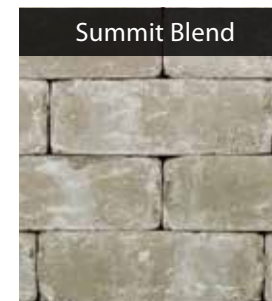
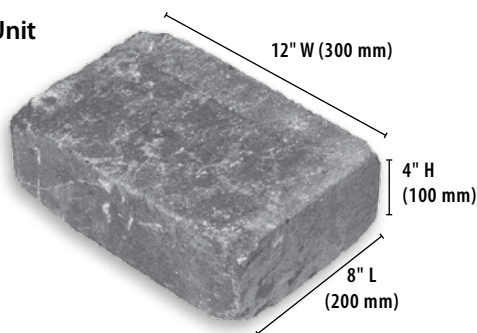
### 4" Unit



### 8" Unit



### 12" Unit





## MEDITERRANEAN SERIES

# Roman Cypress<sup>TM</sup>

The tumbled version of CypressStone<sup>TM</sup>, Roman Cypress gets its unique look from a specialized tumbling process that rounds the corners, giving an appearance similar to real stone.

Maximum gravity wall height: 4 ft (1.2 m)

Maximum reinforced wall height: 26 ft (7.92 m)

### Tapered Unit



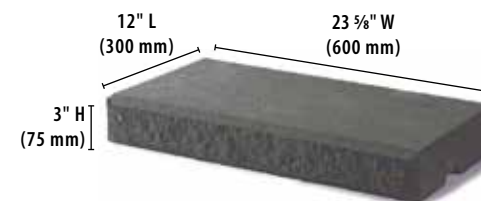
### Corner Unit



### Revers-a-Cap\*



### Coping Unit\*



Harvest Blend



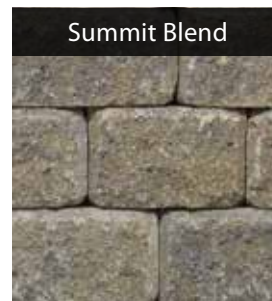
Cascade Blend



Harvest Blend



Rustic Blend



Summit Blend

\*Revers-a-Cap and Coping Unit are also available in Charcoal. Roman Cypress units are made in pairs and must be split on site.



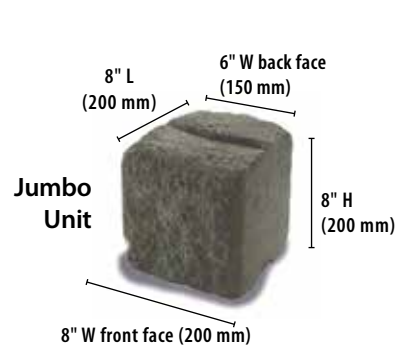
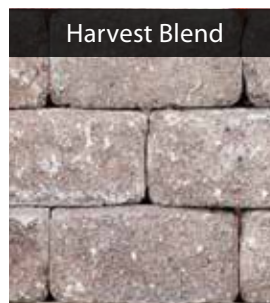
## MEDITERRANEAN SERIES

# RomanStack®

RomanStack walls are designed for garden and low free-standing walls, edging details and raised flower beds. Textured on front and back, these retaining wall blocks can be used to create straight, curved and serpentine walls that are attractive from any angle.

With three wall-unit sizes, two cap sizes and a 90° corner unit, RomanStack can be used to create truly unique walls. Use the different sizes separately for simple retaining walls or combine them for a more traditional Ashlar pattern.

*Maximum wall height: 2 ft (0.61 m)*





CornerStone Wall in Gray with ManorStone Caps

## TRADITIONAL SERIES

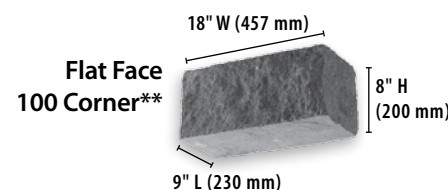
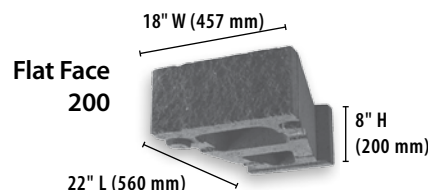
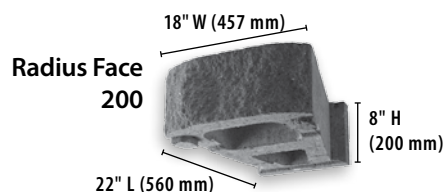
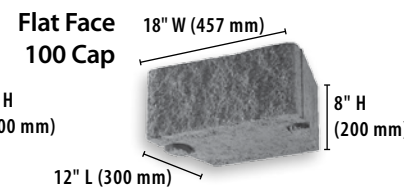
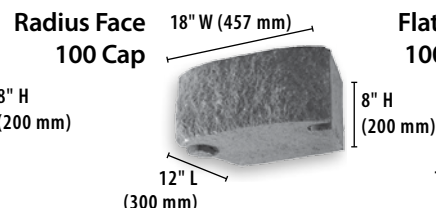
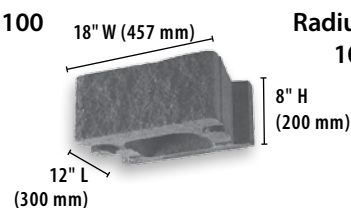
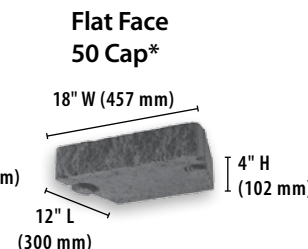
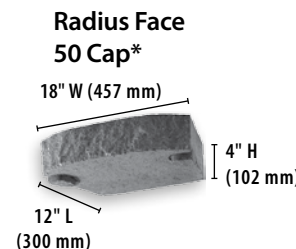
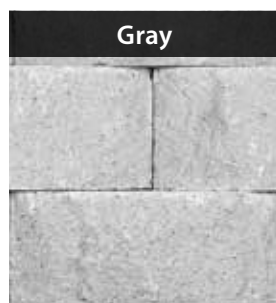
# CornerStone®

Featuring lighter-weight, hollow-core units, the CornerStone system is ideal for large-scale retaining walls. The patented “lug” and wedge shape allow for a strong unit-to-unit connection and maximum design flexibility without pins or clips. Concave and convex curves flow with precision, allowing for interesting wall designs.

CornerStone can be used for both low-gravity walls and taller structural walls of varying heights, allowing you to use the same wall throughout your project.

*Maximum gravity wall heights:*  
 50-Series = 3 ft (0.91 m)  
 100-Series = 4 ft (1.22 m)  
 200-Series = 6 ft (1.83 m)  
 Suitable for engineered walls up to 30 ft (9.14 m)

*Not all shapes referenced here are stocking; please consult a Mutual Materials Representative for available colors and shapes.*



\* Tapered and Straight-Sided Units are available.

\*\* Corner Units are available in Flat Face only.



## TRADITIONAL SERIES

# CypressStone™

CypressStone retaining walls have the natural appearance of quarried stone. Use them to make straight walls, curved walls, 90° turns. CypressStone can also be combined with coping units to create stairs. The CypressStone system is a good choice for landscapes with multiple wall heights, allowing for the use of the same wall shape throughout the landscape.

**CypressStone replaces our Pisa2 product line.**

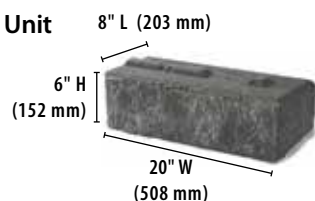
Maximum gravity wall height: 4 ft (1.2 m)

Maximum reinforced wall height: 26 ft (7.92 m)

### Tapered Unit



### Corner Unit



### Revers-a-Cap\*



### 3 x 12 x 24 Coping Unit\*



Cascade Blend

Cascade Blend

Harvest Blend

Rustic Blend



\* Revers-a-Cap and Coping Unit are also available in Charcoal. CypressStone units are pre-split.

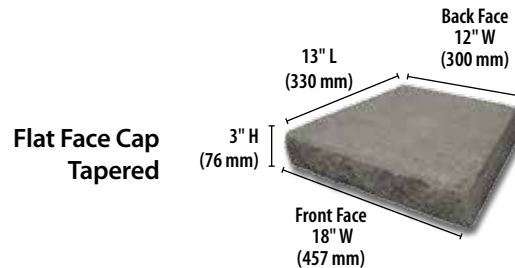
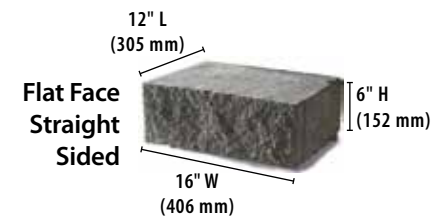
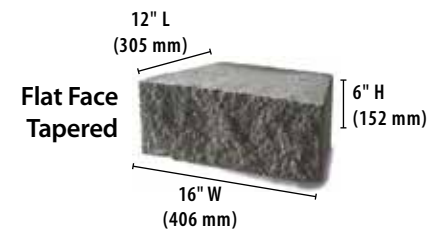


## TRADITIONAL SERIES

# ManorStone®

ManorStone has radius, flat-face and straight-sided units that can be used to create functional and interesting walls. Add capstones to give your wall a finished look. ManorStone also makes sturdy and versatile stairs, either alone or with coping units as the tread.

Maximum wall height: 3' 6" (1.07 m)



\* Corners are available with Straight Sides and Flat Face only.



Not all colors are available in all shapes; please consult a Mutual Sales Rep for availability.

Northwest Blend





• RUGGED • REFINED • ESSENTIAL • VERSATILE •

# NATURAL ELEMENTS

Using natural stone in landscape and hardscape design can bring a rugged, earthy beauty to outdoor living areas. Pulled from the earth, stone is rough and refined with colors and shapes as diverse as nature itself.

Our Natural Elements series offers stone cut in many ways, allowing a multitude of design options for walls, veneers, driveways, pillars or as a walkway or patio surface.

## FROM THE EARTH

Ledgestones.....	43
Flagstones.....	44–45
Boulders, Columns, Slabs & Wall Rock .....	46
Stone Flagmats .....	47



## Ledgestones

Ledgestones are generally flat building stones 3" to 6" thick, in a variety of lengths. Commonly used for low retaining walls, borders, walkways, and raised planters, they can be dry-stacked or set with mortar and are available in a wide range of earth tones.



Cabinet Gorge



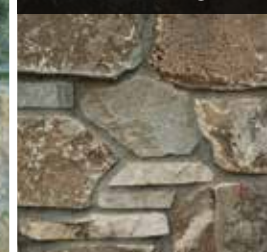
Camas Squares & Recs



Elk Mt. Ledgerstone



Montana Mix Ledgerstone



Sage Hill Ledgerstone





## NATURAL ELEMENTS SERIES

# Flagstones

Flagstones are large, flat stones often used for patios, walkways, pool decks and around ponds. With thicknesses ranging from ¾" to 3", flagstone colors range from brown and tan to blue, gold and green. Flagstones can be sand-set or mortar-set.



Black Treads



Blue Stone Treads



Blue Stone Tumbled



Blue Stone Variegated Pre-Cut



Cabinet Gorge Flagstone



Iron Mountain Flagstone



Lavender Flagstone



Lone Pine Gold Flagstone



Mahogany Flagstone



Mica Slate Birch Creek



Mica Slate Charcoal



Mountain Valley Flagstone



Mtn. Valley Squares & Recs



Variegated 1-2 Flagstone







Iron Mountain



## NATURAL ELEMENTS SERIES

# Boulders, Columns, Slabs & Wall Rock

Landscape columns and boulders are large, decorative rocks used to create waterfalls, ponds, retaining walls and other large landscaping features.

They are available in a wide variety of colors including brown, red, gray, gold, black and green.



Black Limestone Steps



Choctaw Steps



Indiana Limestone Steps



Montana Mix Dry Stack



Mossy Boulder





## Stone Flagmats

Modular stone systems are an innovative approach to the installation of thin natural stone. Because all of the stone is carefully hand selected, Stone Flagmats give you the design flexibility you need for creating beautiful projects.

Flagmats are cut flagstone sections that are adhered to mesh matting for a streamlined and precise installation allowing an installer to put down up to 5.4 square-feet at one time.



Autumn Horizon







• HOME • HEARTH • OUTDOOR LIVING •

# LIFESTYLE

Components of our Lifestyle series add a touch of finesse to any outdoor space. Achieve function along with beauty with our outdoor fireplaces and benches. These concrete products are easy to install, durable and low maintenance, making them ideal outdoor additions to any home that will last for years to come.

## TAKE IT OUTSIDE

Quarry Stone / Slate Stone Benches & Steps .....	49
TuscanStone™ Outdoor Living .....	50–51
Outdoor Fireplace Systems & Fire Pits .....	52



Quarry Stone Bench in Harvest



## LIFESTYLE SERIES

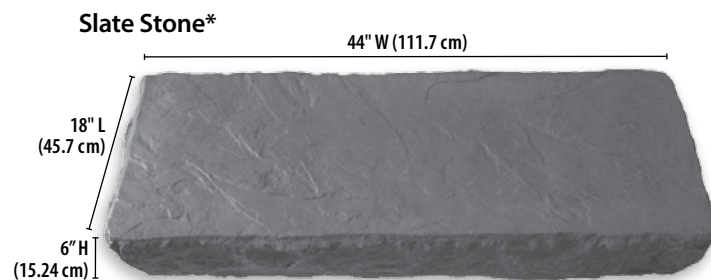
# Quarry Stone & Slate Stone

Mutual Materials has created “stones” from concrete to provide the look of natural stone, yet give you the evenness in the surface to allow for ease-of-use.

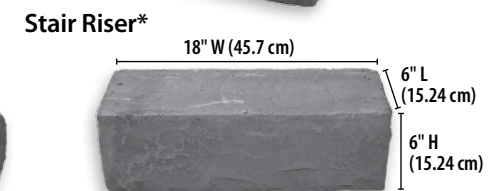
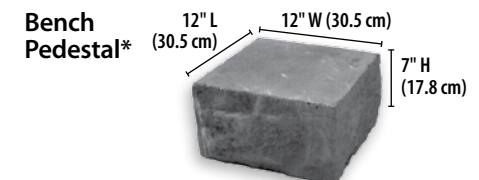
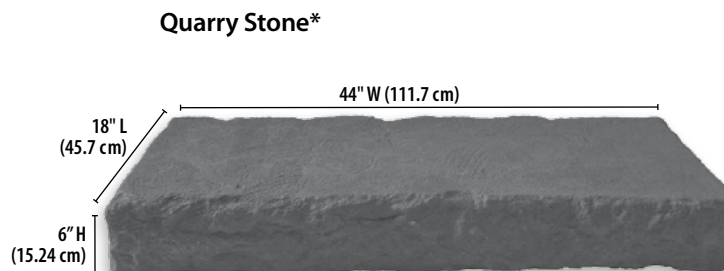
These stones can be paired with risers to create stairs. By using a variety of mold shapes, repetition is avoided for a natural look. For a bench, place the stones on our 7" pedestals.

These stones come in two different textures. Quarry texture has a dimpled surface created to reflect a sandstone finish. Slate texture has slight ridges inspired by the real thing. Available in Charcoal and Harvest.

Slate Stone Stairs in Charcoal



\* These sizes are approximate.







Planter B



Column B



Fire Pit E



Wall B



Fireplace A

# TUSCANSTONE™

## OUTDOOR LIVING SERIES

Three colors, three sizes  
and infinite possibilities!



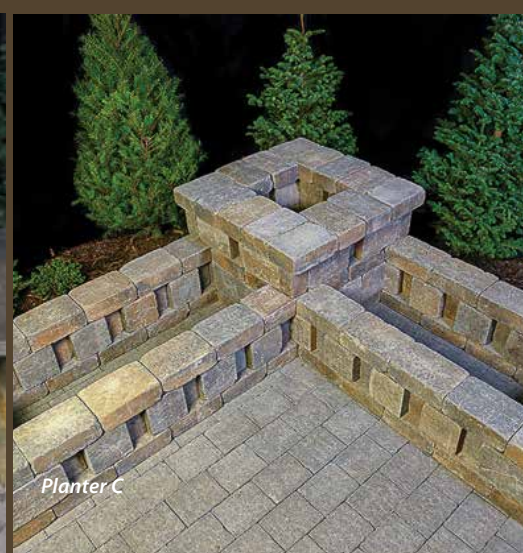
Bar Table



Water Wall



Fireplace B



Planter C



Mail Box Column C



## TUSCANSTONE™ OUTDOOR LIVING SERIES

## Wall B

Dimensions			Pieces Needed		
Width	Depth	Height	Small (4 x 4 x 8)	Medium (8 x 4 x 8)	Large (8 x 4 x 12)
72"	12"	20"	1	13	24

## Additional Items Needed

Glue: 2 (10.5 oz tubes)

Tools Needed: Level, Caulking Gun

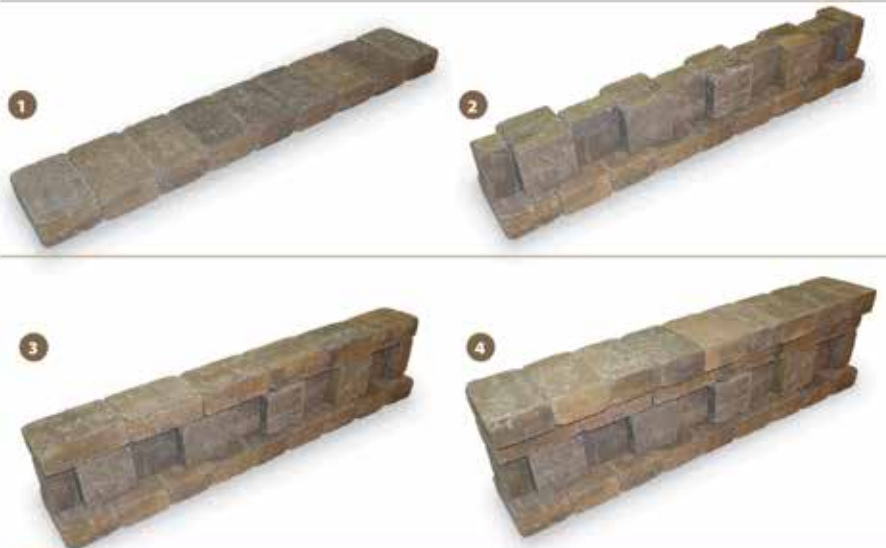
## Instructions:

1. Prepare a stable, level project area by following these steps:

- Excavate area approximately 5" below grade
- Excavate approximately 6" larger than the actual project dimensions
- Fill 4" with suitable base material, compact and level in all directions

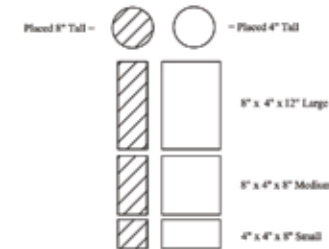
If installing on an existing patio or suitable base you may proceed to install the project after ensuring the base is level.

2. Stack stones adding adhesive between layers.



## TUSCANSTONE™ OUTDOOR LIVING SERIES

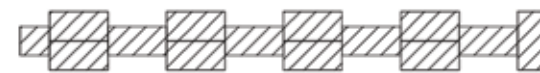
## Wall B



Approximately 72" or  
continue pattern to desired length



Layer 1



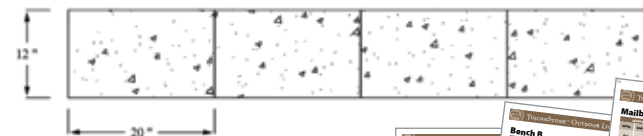
Layer 2



Layer 3

Optional Layer  
with Clay Brick

Layer 4

Optional Layer  
with Wall Caps

MUTUAL MATERIALS®

www.mutualmaterials.com

For individual project sheets, visit our website  
www.mutualmaterials.com.





## Fireplace Systems

Fireplace systems offer a simple way to build a high-end, masonry indoor or outdoor fireplace. These systems install quickly and are more reasonably priced than some traditional masonry fireplaces.

Start by choosing your base fireplace unit, then customize with the veneer of your choice such as Slimbrick®, manufactured stone, or natural stone veneer.



## Fire Pits

Everyone loves the intimacy of sitting around the campfire. Fire pits are easy to install and can be built with retaining wall block. We have project sheets available to build four types: a circular CottageStone®, a circular RomanStack®, and a square RomanStack in two sizes.

Fire pits should only be built over a non-combustible surface. They may be installed on concrete patios, pavers or a compacted gravel base. Never install over a wood deck.





# Hardscape Accessories

## EDGE RESTRAINTS

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



## SANDS, GRAVEL, CEMENTS AND MORTARS

Mutual-Target products are designed to meet the needs of homeowners, contractors and masons.

Available products include All-Purpose Sand, DesignMix™, Joint Sand, SandLOCK® PREMIX, Mutual Concrete Mix, Mutual 5/8 Minus Base Rock, and Drain Rock.



## CLEANERS, SEALERS AND JOINT STABILIZERS

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

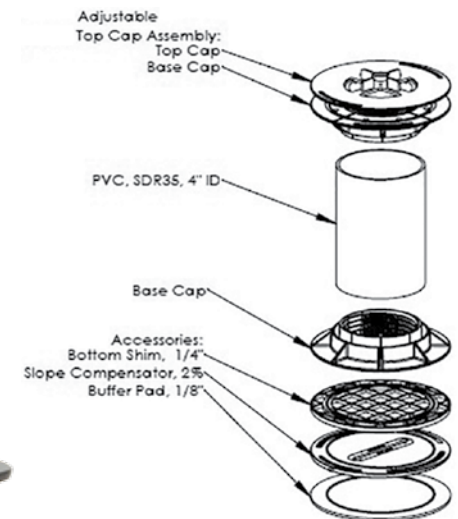
## CONCRETE ADHESIVES

Whether you need an adhesive capable of handling freeze-thaw conditions, working on wet-product or simply adhering cap units, Mutual Materials has the right one for the job.

## DIAMOND HEAD™ SERIES

The Diamond Head Series is an interlocking pedestal support used to ensure level walking surfaces on roofs and decks using architectural slabs and other natural products appropriate for elevated foot traffic. Developed by installers, for installers, this system provides a long-lasting, affordable alternative to wood and composite systems for both commercial and residential projects.

The two-piece top cap twists from 1/8" to 1 1/4", to virtually eliminate PVC cutting in the field. It is supported by a 6.5" base cap for balance. This pedestal virtually eliminates the need for a "barrier piece" against most membranes. All shims lock with the Diamond Head Series pieces to fine tune support and eliminate "rockers".





# Paver Installation Instructions

View our installation resources online at [www.mutualmaterials.com](http://www.mutualmaterials.com).

The following are standard installation guidelines for a typical sand-set paver application. Please refer to the individual tech sheets for more specific information and installation instructions\*.

Vehicular applications, such as a driveway or parking lot, require separate guidelines and one should consult a Mutual Materials representative, contractor or engineer before installing pavers for these purposes.

## STEP 1: Excavation

Mark area to be paved with stakes and string lines at the desired finished elevation. Locate stakes outside the project area by a minimum of 12". This will allow room for the edge restraint system. Excavate a minimum of 7" below final paver elevation. Allow  $\frac{1}{8}$ " to  $\frac{1}{4}$ " per foot slope for correct water runoff. Slope can be in more than one direction depending on jobsite circumstances. Water will not penetrate joints unless it is allowed to puddle or remain in an area. Remove any loose soils after excavation is complete.



## STEP 2: Base Preparation

Add a dusting of  $\frac{3}{4}$ " minus rock to the excavated area. This will allow the plate compactor to glide across area without sticking to sub grade. Compact the entire sub-grade soils with a plate compactor. After compacting subgrade soils, add 1"–2" of  $\frac{3}{4}$ " minus rock, rake smooth and compact. Base rock should have a certain amount of moisture content. Repeat steps until final base elevation is achieved. For a standard 2  $\frac{3}{8}$ " concrete paver, the final base elevation should be 3" below final paver elevation. Remember, the final product will mirror the base elevation. Any deviation in base should be corrected at this time with base rock (not sand).



## STEP 3: Edge Restraint

Any edge not retained by a solid, rigid structure (i.e. concrete, asphalt, etc.) should be contained with a plastic edge restraint system. These are easier to install after the pavers are laid. With spray nozzle, carefully moisten sand bed around perimeter of paver area. Remove excess sand around the perimeter with a trowel without disturbing the base. Place edge restraint system against paver/bedding sand and on top of compacted base rock. Install 10" spikes every 8"–12". Make sure that all edges are contained before compaction of pavers.



## STEP 4: Bedding Sand

Bedding sand should be screeded at a depth of 1". Place 1" rigid pipes below elevation lines and measure down 2" to top of pipe. Place pipes parallel to each other and almost as wide as the strike board (2 x 4). Place sand in between pipes and pull strike board across both pipes. This will allow approximately 1" of sand screeded between the two pipes. Pull pipes out of sand; fill pipe voids with sand and trowel smooth. Do not compact sand bed.



## STEP 5: Install Pavers\*\*

Depending on the type of paver and pattern, starting points and direction of installation will vary. More times than not, opt for the easiest access with the longest run where no cutting will be made. Also consider more visual areas (i.e. in line with windows, doors, water features, etc.). Pavers should be placed gently onto the sand bed and not pushed into it. Do not hammer-set pavers. Setting a string line 3" above setting bed will allow the installer to maintain straight pattern lines. After installing a larger area, place plywood on top



of pavers to walk around on. This will distribute weight so individual pavers will not get embedded into sand before adjustments and final compaction is done. Slight adjusting can be accomplished by moving pavers to desired spot by inserting a flat head screwdriver in between pavers and pushing them. Cut pavers can be used to fill any voids in the pattern along the edges. Be sure to mix pavers from multiple pallets to achieve a consistent color blend.

## STEP 6: Compaction

Compact first to achieve proper interlock and then sweep joint sand over entire area to fill paver joints and lock up pattern lines. Sweep excess joint sand off of paver surface. Place plate compactor on pavers and run compactor around perimeter. Then make back and forth runs, slightly overlapping the previous run. Sweep joint sand into joints again. Compact pavers in perpendicular runs to first compaction. When finished, sweep joint sand into paver joints until they are completely full. Plate compactors can be rented at most hardware stores.



\* Special design is required with permeable paving systems. Please contact a Mutual Materials salesperson.

\*\* To achieve a consistent color blend, it is important that you mix pavers from multiple pallets together as you lay your design.



# Retaining Wall Installation Instructions

These instructions are intended as a general guide for walls less than 4 feet only. Please consult the technical specification sheet for the wall shape you choose for more specific installation instructions. Technical information for CypressStone™, Roman Cypress™, and CornerStone® walls over 4 feet requiring engineering and reinforcement are available from a Mutual Materials Representative.

View video demonstrations of installation online at [www.mutualmaterials.com](http://www.mutualmaterials.com), or on YouTube.

## STEP 1:

First mark the area of the wall with chalk or spray paint. Dig out a trench that is a minimum of 6" (155 mm) deep plus 1" for every foot of wall height.

Allow 6"–8" (150–200 mm) of space behind the wall for  $\frac{3}{4}$ " clean crushed rock (this means your trench is a minimum of 12" or 305 mm wide). Roots and big rocks should be removed from the trench. When the trench is dug out, put 3" of 5/8 minus crushed rock in the trench.

Tamp (compact) the base and level it front to back and side to side.



## STEP 2:

Lay the base course of retaining wall blocks. Using a string line at the back of the blocks for alignment, place blocks side by side on the gravel, checking for level in both directions.

Tip: Begin laying block at the lowest point of the wall. It is also easier to start at a straight part of the wall. Complete the base course before proceeding to the second course.



## STEP 3:

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

If using ManorStone®, CottageStone® Advantage, or VineyardStone™ the connecting lip should be pointed down to overhang the back edge of the base units. If using RomanStack®, StackStone®, CypressStone®, or Roman Cypress, the bottom groove should be fitted over the tongue on the base blocks. If using CornerStone the connecting lugs should be pointed down to lock into the cores of the block below them.

To cut blocks for the ends of the wall or in tight curved sections, use a hammer and chisel to score the unit on all sides. Pound the chisel on the score line until the unit splits. Always wear eye protection when splitting blocks. If many cuts are needed, a saw rental may be the way to go.



## STEP 4:

After each course is laid, backfill behind wall with washed  $\frac{3}{4}$ " gravel or drain rock and compact in 3" to 4" layers. This step is important to help drainage and to prevent soil from leaching through the wall face. For an additional safeguard, landscape fabric can also be used between the backfill and the drain rock. To help drainage behind taller walls, perforated flexible drainpipe should also be used. Slope gravel behind wall so that the pipe laid behind the wall slopes 1" (25 mm) for every 4' (1.2 m) toward the desired run-off area.



## STEP 5:

If using RomanStack, StackStone, CypressStone, Roman Cypress or CornerStone, place the final layer using cap units for a finished look.

An option for finishing the wall is to secure the top course with construction adhesive. Apply a bead of adhesive with a caulking gun. Lay the top course down on the bead and press firmly. Finish back filling behind the wall.





# Concrete Sand-Set Slab Installation Instructions

The following are standard installation guidelines for Concrete Architectural Slabs in a sand-set application. Concrete Architectural Slabs cannot be used in a vehicular application. For pedestal-set guidelines, please refer to the Architectural Slab Tech Sheet or visit us at [www.mutualmaterials.com](http://www.mutualmaterials.com).

## STEP 1: Excavation

Mark area to be paved with stakes and string lines at the desired finished elevation. Locate stakes outside the project area by a minimum of 12". This will allow room for the edge restraint system. Excavate a minimum of 7" below final pavement elevation. Allow  $\frac{1}{8}$ " to  $\frac{1}{4}$ " per foot slope for correct water runoff. Slope can be in more than one direction depending on jobsite circumstances. Water will not penetrate joints unless it is allowed to puddle or remain in an area. Remove any loose soils after excavation is complete.



## STEP 2: Base Preparation

Add a dusting of  $\frac{3}{4}$ " minus rock to the excavated area. This will allow the plate compactor to glide across area without sticking to sub grade. Compact entire sub-grade soil with plate compactor.\* After compacting subgrade soil, add 1"–2" of  $\frac{3}{4}$ " minus rock, rake smooth and compact.



Base rock should have a certain amount of moisture content. Repeat steps until final base elevation is achieved. For a standard 1  $\frac{3}{4}$ " architectural slab, the final base elevation should be 2  $\frac{1}{2}$ " below final pavement elevation. Remember, the final product will mirror the base elevation. Any deviation in base should be corrected at this time with base rock (not sand).

## STEP 3: Bedding Sand

Bedding sand should be screeded at a depth of 1". Place 1" rigid pipes below elevation lines and measure down 1  $\frac{1}{2}$ " to top of pipe. Place pipes parallel to each other and almost as wide as the strike board (2 x 4). Place sand in between pipes and pull strike board across both pipes. This will allow approximately 1" of sand screeded between the two pipes. Pull pipes out of sand; fill pipe voids with sand and trowel smooth. Do not compact sand bed.



## STEP 4: Install Slabs

Depending on the size of slab and pattern, starting points and direction of installation will vary. More times than not, opt for the easiest access with the longest run where no cutting will be made. Also consider more visual areas (i.e. in line with windows, doors, water features, etc).



Slabs should be placed gently onto the sand bed and not pushed into it. Setting a string line 3" above setting bed will allow the installer to maintain straight pattern lines. After installing a larger area, place plywood on top of slabs to walk around on. This will distribute weight so individual slabs will not get embedded into sand before adjustments and final compaction is done. Slight adjusting can be accomplished by moving slabs to desired spot by inserting a flat head screwdriver in between slabs and pushing them. Cut slabs can be used to fill any voids in the pattern along the edges. Be sure to mix slabs from multiple pallets to achieve a consistent color blend.

## STEP 5: Edge Restraint

Any edge not retained by a solid, rigid structure (i.e. concrete, asphalt, etc) should be contained with a plastic edge restraint system. These are easier to install after the slabs are laid. With spray nozzle, carefully moisten sand bed around perimeter of pavement area. Remove excess sand around the perimeter with a trowel without disturbing the base. Place edge restraint system against slab/bedding sand and on top of compacted base rock. Install 10" spikes every 8"–12". Make sure that all edges are contained before compaction of slabs.



\* Plate compactor can be rented at most rental outlets.

\*\* To achieve a consistent color blend, it is important that you mix slabs from multiple pallets together as you lay your design.



# Natural Stone Installation Instructions

## How to Install Flagstone in Crushed Base Rock

### STEP 1:

First, you will need to determine the size of your patio, by staking it out with a string line and taking into consideration the type and thickness of your stone.

### STEP 2:

Excavate the area to allow for a 3" layer of  $\frac{3}{4}$  minus, a 1"–1½" layer of  $\frac{1}{4}$  minus and the thickness of your stone.

### STEP 3:

Lay out edging for the patio or walkway using ledge stone, plastic edging or concrete curb.

### STEP 4:

Put a 4" layer of  $\frac{3}{4}$  minus base rock. If drainage is a concern, you can use 1½ minus. Compact this base by tamping and watering or using a mechanical compactor, then lay out a 1½" thickness of fine  $\frac{1}{4}$  minus as a bed for your stones.

### STEP 5:

If your stone is of varying thickness, add or remove the  $\frac{1}{4}$  minus as you go, keeping the stones level with each other and your border.

### STEP 6:

Fill the joints between the stone with  $\frac{1}{4}$  minus or screened decomposed granite while sweeping and watering as you go. This step will have to be repeated until you are satisfied with the finish or you can use a polymeric joint sand stabilizer. You may also elect to fill with conditioned topsoil between the stone joints and plant a ground cover if that is the look you desire.



## How to Mortar Set a Pathway or Patio

### STEP 1:

First, you will need to determine the size of your patio, by staking it out with a string line and taking into consideration the type and thickness of your stone.

### STEP 2:

Excavate the area to a depth of 6"–7".

### STEP 3:

Lay a 2" base of  $\frac{3}{4}$  or 1½ minus base rock and compact it thoroughly.

### STEP 4:

Form, pour and screed a 3" pad of concrete. When the cement is beginning to set, take a coarse broom or steel rake and roughen the surface to aid in the adhesion of the mortar bed and stone.

### STEP 5:

Lay a 1" mortar\* bed, screed level. Screed only as much mortar as you can lay stone on before the mortar begins to set. Stones should be free of any dirt or debris. Apply a neet cement\*\* to the back of each stone just before laying. Set your stone, leveling as you go. Tap stones with a rubber mallet to level and provide consistent contact with the mortar bed. Compensate for the variations in the thickness by adding or removing mortar as you go. Try to keep your joint spaces about  $\frac{3}{4}$ " or so and avoid long, continuous joint lines.

### STEP 6:

Grout\*\*\* joints with a float. Clean excess grout from stone with a damp sponge before grout sets.

\* Mortar should be 1 part portland cement and 4 to 5 parts damp sand by volume with just enough water to form a loose ball.

\*\* Neet cement should be portland cement and water in a cake batter consistency

\*\*\* Grout should be 1 part portland cement to 3 parts sand with water to mortar consistency.



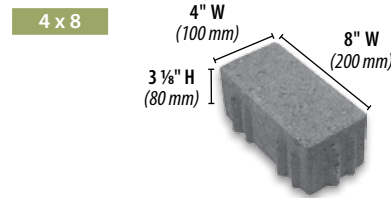
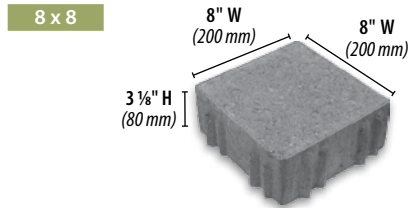


## Eco-Priora® (p. 13)

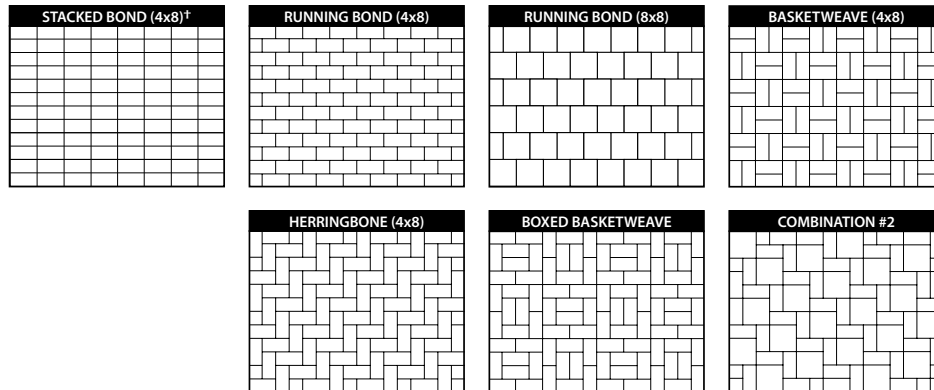
Unit	Pieces / Pallet	Stones / Sq Ft	Coverage / Pallet	Weight / Unit	Weight / Pallet	Net Void
4 x 8	432	4.5	93.2 ft <sup>2</sup> (8.65 m <sup>2</sup> )	8 lbs (3.6 kg)	3,456 lbs (1,567 kg)	13%
8 x 8	192	2.25	83.04 ft <sup>2</sup> (7.71 m <sup>2</sup> )	16 lbs (7.2 kg)	3,172 lbs (1,439 kg)	9%

All **Weight per Pallet** noted above include a 50 lb pallet weight.

\* All metric dimensions are soft converted to Imperial.



### INSTALLATION PATTERNS



† Currently Available for Mechanical Installation

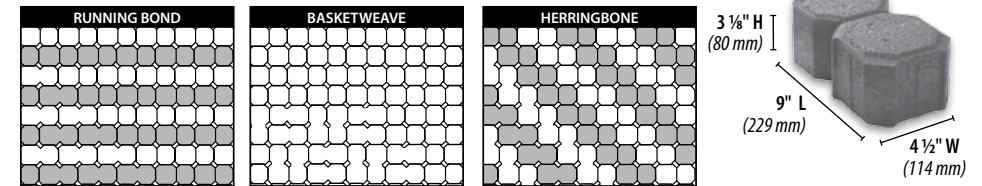
## Uni Eco-Stone® (p. 15)

Coverage	Pieces / Pallet	Stones / Sq Ft	Coverage / Pallet	Weight / Piece	Weight / Pallet	Net Void
3.52 pcs / ft <sup>2</sup> (37.9 pcs / m <sup>2</sup> )	320	3.55	90.8 ft <sup>2</sup> (8.44 m <sup>2</sup> )	10 lb (4.5 kg)	3,250 lb (1,474.1 kg)	12.8%

All **Weight per Pallet** noted above include a 50 lb pallet weight.

\* All metric dimensions are soft converted to Imperial. Dimensions and coverage include 1.5 mm (1/16") joint.

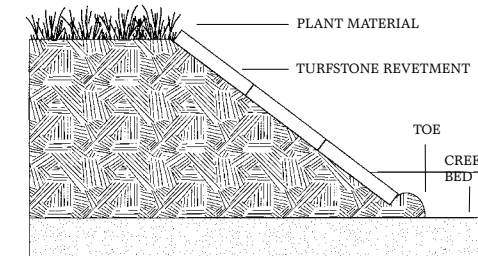
### INSTALLATION PATTERNS



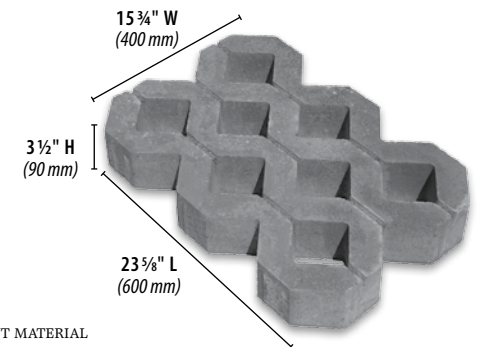
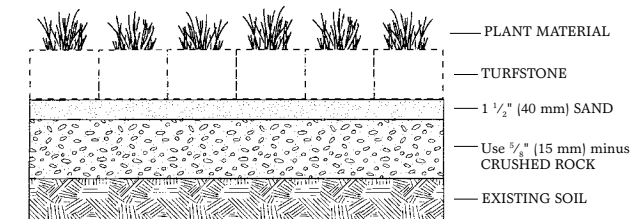
## TurfStone® (p. 14)

Coverage	Pieces per Pallet	Coverage per Pallet	Weight per Unit	Weight per Pallet
2.6 ft <sup>2</sup> / pc (0.24 pcs / m <sup>2</sup> )	35	91 ft <sup>2</sup> (8.45 m <sup>2</sup> )	69 lb (31.3 kg)	2,415 lb (1,095 kg)

### TYPICAL EMBANKMENT EROSION CONTROL\*



### TYPICAL INSTALLATION OVER DENSE GRADED BASE\*



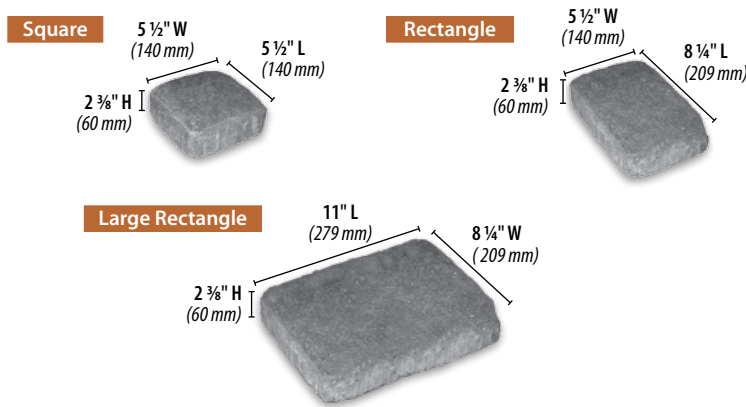


## Roman Dominion® & Dominion Slate (pp. 17 & 20)

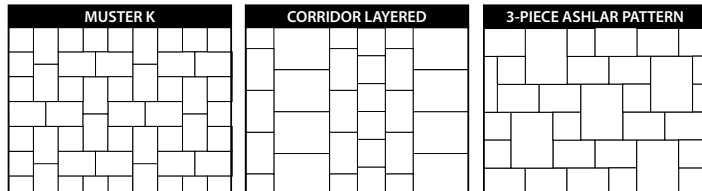
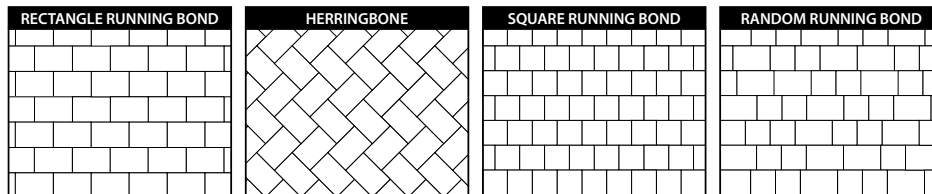
Unit	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
Square	4.73 pcs / ft <sup>2</sup> (51.5 pcs / m <sup>2</sup> )	432	91.26 ft <sup>2</sup> (8.48 m <sup>2</sup> )	5.8 lb (2.6 kg)	2,560 lb (1,161 kg)
Rectangle	3.16 pcs / ft <sup>2</sup> (34.4 pcs / m <sup>2</sup> )	324	102.6 ft <sup>2</sup> (9.53 m <sup>2</sup> )	8.7 lb (3.9 kg)	2,870 lb (1,302 kg)
Large Rectangle	1.59 pcs / ft <sup>2</sup> (17.1 pcs / m <sup>2</sup> )	144	90.8 ft <sup>2</sup> (8.43 m <sup>2</sup> )	17.6 lb (8 kg)	2,582 lb (1,171 kg)

All **Weight per Pallet** noted above include a 50-lb pallet weight.

All metric dimensions are soft converted to Imperial. Dimensions and coverage include 1/8" (1.5 mm) joint.



### INSTALLATION PATTERNS



Square: 30%  
Rectangle: 70%

Lg. Rectangle: 43%  
Rectangle: 43%  
Square: 14%

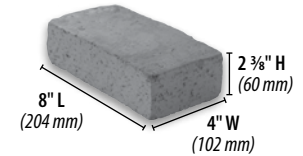
## Clay Pavers (pp. 18–19)

Unit	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
Roman Clay Paver	4.5 / ft <sup>2</sup> (48.44 / m <sup>2</sup> )	576	128 ft <sup>2</sup> (11.89 m <sup>2</sup> )	6 lb (2.72 kg)	3,506 lb (1,590.29 kg)

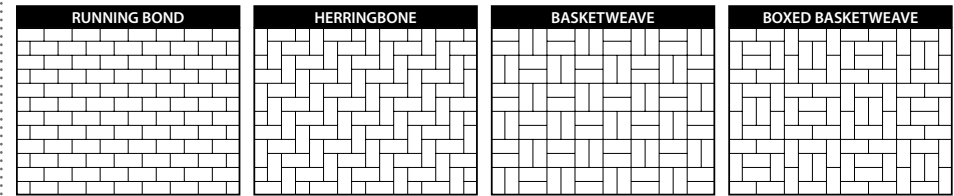
All **Weight per Pallet** noted above include a 50-lb pallet weight.

All metric dimensions are soft converted to Imperial.

Dimensions and coverage include 1/8" (1.5 mm) joint.



### INSTALLATION PATTERNS

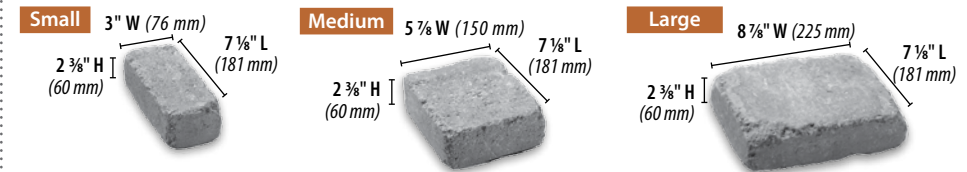


## Roman Cobblestone (pp. 22–23)

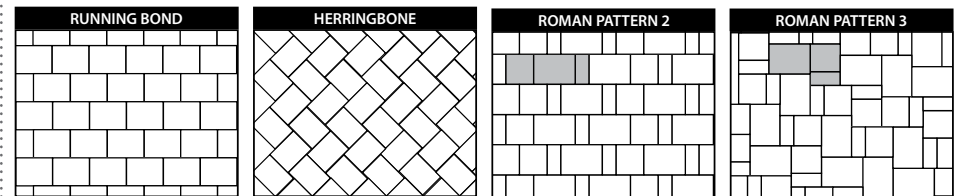
Unit	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
Small	6.82 pcs / ft <sup>2</sup> (73.37 m <sup>2</sup> )	675	99 ft <sup>2</sup> (9.2 m <sup>2</sup> )	4.2 lb (1.9 kg)	2,840 lb (1,288 kg)
Medium	3.4 pcs / ft <sup>2</sup> (36.73 m <sup>2</sup> )	360	106 ft <sup>2</sup> (9.85 m <sup>2</sup> )	8.4 lb (3.8 kg)	3,025 lb (1,372 kg)
Large	2.29 pcs / ft <sup>2</sup> (24.45 m <sup>2</sup> )	225	97.1 ft <sup>2</sup> (9 m <sup>2</sup> )	13 lb (5.7 kg)	2,840 lb (1,288 kg)

All **Weight per Pallet** noted above include a 50-lb pallet weight.

All metric dimensions are soft converted to Imperial. Dimensions and coverage include 1/8" (1.5 mm) joint.



### INSTALLATION PATTERNS



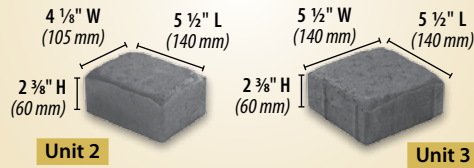
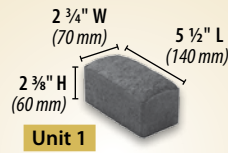
Large: 50%  
Medium: 34%  
Small: 16%

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



# Old Dominion Squares & Recs, Circle Kits (pp. 24-25)

## SQUARES & RECS

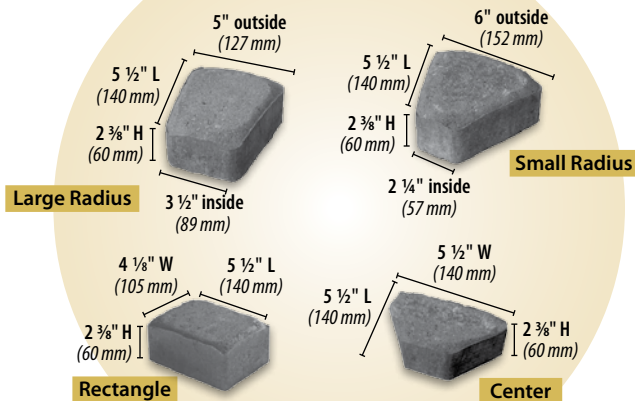


## SQUARES & RECS\*

Coverage/Pallet	Layers/Pallet	Weight/Layer	Weight/Pallet
102.74 ft <sup>2</sup> (9.54 m <sup>2</sup> )	9	320 lb (145 kg)	2,930 lb (1,329 kg)

All **Weight per Pallet** noted above include a 50-lb pallet weight.  
All metric dimensions are soft converted to Imperial.  
Dimensions and coverage include 1/16" (1.5 mm) joint.

## CIRCLE KIT



## CIRCLE KITS

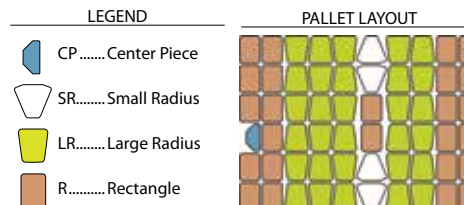
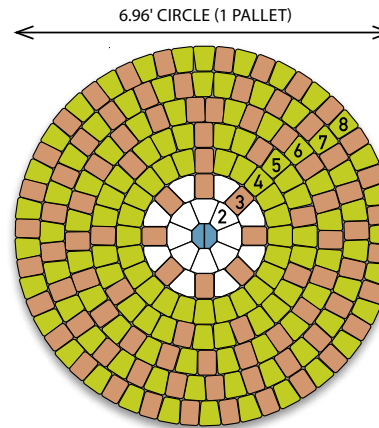
	Depth	Radius	Diameter	Circumference*	Area of Circle	Pallet Weight
<b>1 Pallet</b>	2 3/8" (6 cm)	41 3/4" (106 cm)	83 1/2" (212 cm)	21.86 ft (615.8 cm)	39.27 ft <sup>2</sup> (3.65 m <sup>2</sup> )	1,150 lb (522 kg)
<b>2 Pallets</b>	2 3/8" (6 cm)	58 7/16" (148.4 cm)	116 7/8" (296.8 cm)	30.6 ft (932.7 cm)	78.54 ft <sup>2</sup> (7.29 m <sup>2</sup> )	1,150 lb (522 kg)

All metric dimensions are soft converted to Imperial. Dimensions and coverage include 1/8" (3 mm) joint.  
Dimensions refer to completed circle.

\* 262 3/8" = 21.86 ft, 367 3/16" = 30.6 ft

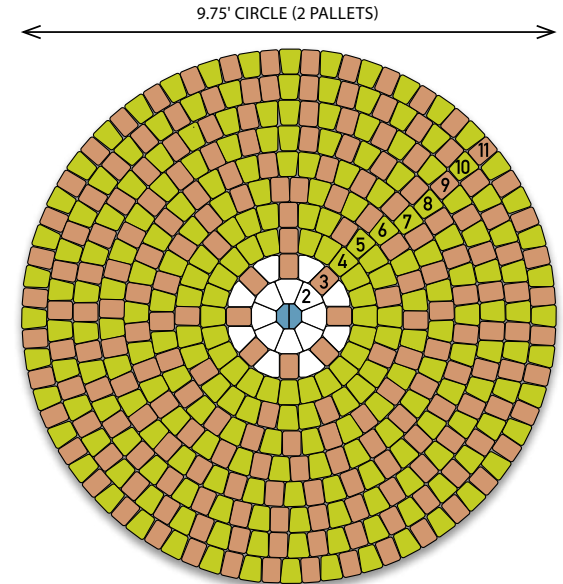
## SMALL CIRCLE (1 PALLET)\*\*

HEIGHT	DIAMETER	CIRCUMFERENCE
2 3/8" (60 mm)	83 1/2" (2120 mm)	262 3/8" (6160 mm)



## LARGE CIRCLE (2 PALLETS)\*\*

HEIGHT	DIAMETER	CIRCUMFERENCE
2 3/8" (60 mm)	116 7/8" (2970 mm)	367 3/16" (9327 mm)



\* Must be purchased by the full layer. Sizes come mixed on each layer.

\*\* Must be purchased by the full pallet.

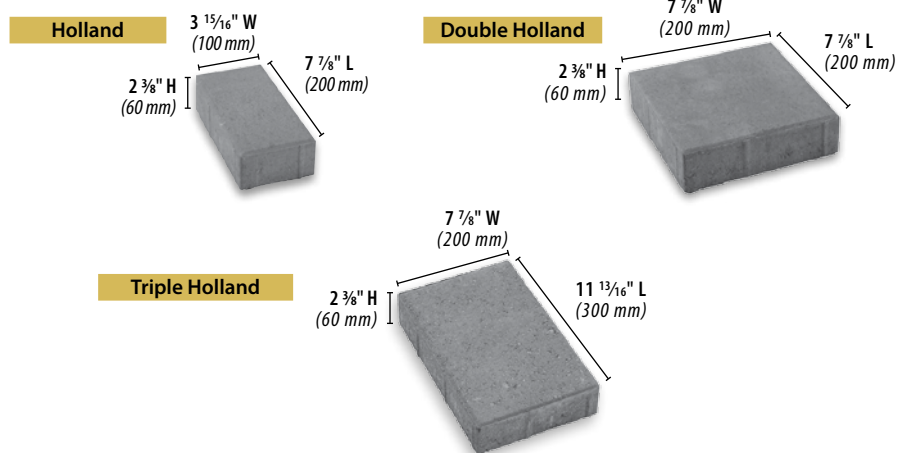


## Holland 6 cm (p. 26)

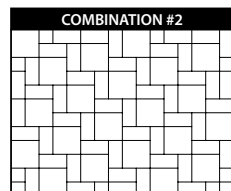
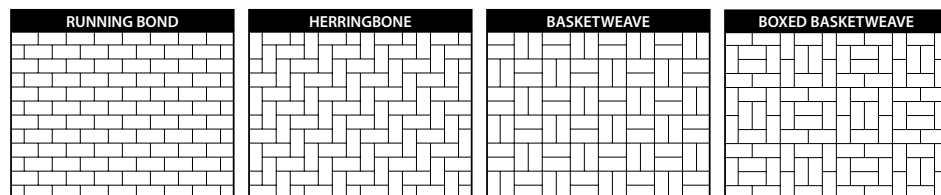
Unit	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
Holland	4.63 pcs / ft <sup>2</sup> (50.04 pcs / m <sup>2</sup> )	486	104.88 ft <sup>2</sup> (9.74 m <sup>2</sup> )	6 lb (2.7 kg)	2,966 lb (1,346 kg)
Double Holland	2.31 pcs / ft <sup>2</sup> (24.86 pcs / m <sup>2</sup> )	216	93.46 ft <sup>2</sup> (8.68 m <sup>2</sup> )	12 lb (5.4 kg)	2,642 lb (1,199 kg)
Triple Holland	1.57 pcs / ft <sup>2</sup> (16.95 pcs / m <sup>2</sup> )	144	92 ft <sup>2</sup> (8.55 m <sup>2</sup> )	18 lb (8.16 kg)	2,650 lb (1,202 kg)

All **Weight per Pallet** noted above includes a 50 lb pallet weight.

\*All metric dimensions are soft converted to Imperial. Dimensions and coverage include 1/8" (1.5 mm) joint.



### INSTALLATION PATTERNS



Holland 56%  
Double Holland 44%

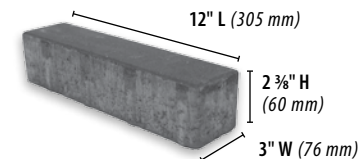
## Plank (p. 21)

Unit	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
12 x 3	4 pcs / ft <sup>2</sup> (43 pcs / m <sup>2</sup> )	396	63 ft <sup>2</sup> (5.85 m <sup>2</sup> )	7 lb (5.1 kg)	2,800 lb (1,280 kg)

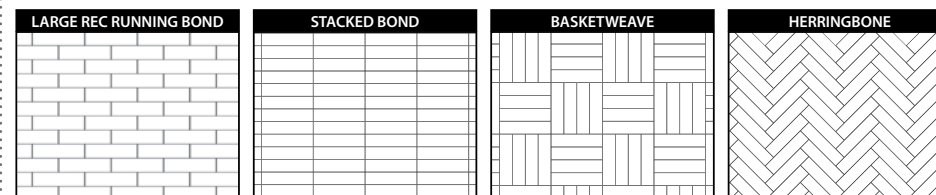
All **Weight per Pallet** noted above include a 50-lb pallet weight.

All metric dimensions are soft converted to Imperial.

Dimensions and coverage include 1/8" (1.5 mm) joint.



### INSTALLATION PATTERNS



## Slaton™ (p. 33)

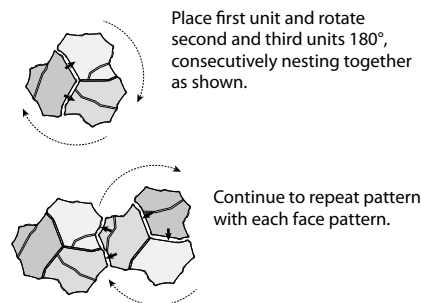
Coverage	Weight/Piece
1.39 pcs / ft <sup>2</sup> (0.42 pcs / m <sup>2</sup> )	43 lb (19.5 kg)

All **Weight per Pallet** noted above include a 50-lb pallet weight.

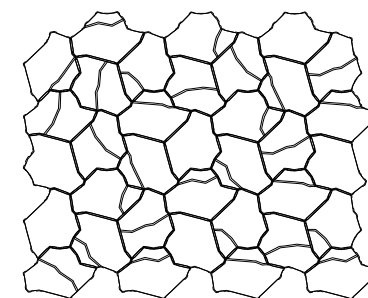
All metric dimensions are soft converted to Imperial. Dimensions and coverage include 1/8" (1.5 mm) joint.



### INSTALLATION INFORMATION



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





# Have questions? We have the answers.

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## **Where can I purchase Mutual Materials hardscape products?**

Mutual Materials concrete pavers, retaining walls, architectural slabs, natural stone and clay pavers are available through our 16 branch locations. They can also be found at home improvement stores throughout Washington, Oregon, Idaho and British Columbia.

## **Is there an easy way to estimate how much product I need to buy for my project?**

Yes. We have a project estimation tool on our website that allows you to plan for the proper amount of material based on what pattern you choose for your project. Go to [www.mutualmaterials.com](http://www.mutualmaterials.com) to find the links for both paver and retaining wall jobs.

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

Yes. Use the installation instructions at the back of this catalog and the design ideas and tips on our website, [www.mutualmaterials.com](http://www.mutualmaterials.com), to help guide your project. However, if your budget allows you may want to consider hiring a contractor. Installing hardscape features is hard work. Keep this in mind, especially if you're planning a large project.

## **Does Mutual Materials offer installation services?**

As a manufacturer, Mutual Materials focuses on providing top quality products. We do not offer design or installation services directly, but we know who does. We can reach out to our large customer network of designers and installers to find professionals for your project.

## **What type of maintenance do Mutual Materials products require?**

Concrete pavers, architectural slabs, natural stone and clay pavers require minimal maintenance. Simply pressure wash or use a leaf blower on your project at least once a year. You may need to sweep more sand into the joints after pressure washing.

## **How soon after installation can I use my new project?**

Immediately, if your concrete pavers, architectural slabs, natural stone or clay pavers are sand-set. Just be sure to complete each of the installation steps. If your natural stone or clay pavers are mortar-set, you should wait until the mortar is dry—consult your contractor or mortar instructions for drying time.

## **Can I use concrete pavers, architectural slabs, natural stone or clay pavers around my swimming pool?**

Definitely! Not only do Mutual Materials concrete pavers, architectural slabs, natural stone and clay pavers enhance your pool deck, they also offer a slip-resistant surface for walking.

## **I want to build a retaining wall 4 feet tall, what factors should I consider?**

Whenever building a wall over 4 feet (1.2 meter) tall, you should consult a professional engineer and your city's planning department. Mutual Materials retaining walls have a recommended maximum wall height—be sure to choose a wall system able to go to that height.

## **Do I need to seal my concrete pavers, natural stone or architectural slabs?**

No. However, sealers offer three key benefits:

- 1) Help resist penetrating stains.
- 2) Enhance the color.
- 3) Certain types of sealers can bind the sand particles in the joints, reducing the ability of weeds to grow.

We do not recommend sealing clay pavers.

## **What is the white film on my concrete product/natural stone, and will it go away?**

The white deposit you see is called efflorescence. There is no need to be concerned that your product is damaged or defective, and it has no adverse effect on the physical structure of the product. Efflorescence is normal on concrete pavers (and block), as well as on some natural stone. It may appear on the surface of new and older projects alike, and is a naturally occurring phenomenon. It occurs with leaching of salts that are deposited on the surface when water evaporates. Efflorescence can correct itself over time and exposure to the elements. It can also be cleaned with a number of commercial cleaners. However, we recommend that you discuss cleaning options with your contractor or a Mutual Materials customer service representative before attempting to clean efflorescence.

## **Why doesn't the color on my product look exactly like it does in the catalog?**

Due to the limitations of photography, there is no guarantee that your product's colors and textures will have the same appearance as they do in print or online. We always recommend you see an actual sample before deciding on a product.

## **How do I get the most consistent color throughout my project?**

We recommend mixing product from different pallets in order to get a more consistent color in your project. This is also known as blending pallets.



# Need a contractor? We can help.



As a manufacturer, Mutual Materials focuses on providing top quality products. We do not offer design or installation services directly, but we know who does.

## Contractor Connect Program

### HOW IT WORKS:

1. Tell us about your project.
2. We reach out to our network of design and installation professionals.
3. We match you with multiple contractors. You receive the company and contact information.
4. You work directly with the contractors on quotes and project work.
5. Enjoy your completed project!

**To get started, visit our website,  
visit one of our branches or give us a call:**

**[www.MutualMaterials.com](http://www.MutualMaterials.com)**

**(800) 548-8452**



*Hardscape installers in our network are ICPI Certified.*



# BRANCH LOCATIONS

For product information and customer service call **1-888-MUTUALØ** (688-8250)

## Western Washington

### Auburn

1357 W. Valley Hwy N • Auburn, WA 98002  
**Phone:** (253) 939-7854

### Bellevue

605 - 119th NE • Bellevue, WA 98005  
**Phone:** (425) 452-2363

### Bellingham

4050 Bakerview Spur • Bellingham, WA 98226  
**Phone:** (360) 676-2880

### Marysville

1410 Grove Street • Marysville, WA 98270  
**Phone:** (425) 353-9686

### Olympia

3150 29th SW • Tumwater, WA 98512  
**Phone:** (360) 357-3343

### Port Orchard

1515 Vivian Court • Port Orchard, WA 98366  
**Phone:** (360) 876-1845

### Tacoma

2201 112th Street S • Tacoma, WA 98444  
**Phone:** (253) 238-5490

## Eastern Washington

### Spokane

6721 E Trent Ave • Spokane, WA 99212  
**Phone:** (509) 922-4100

## Oregon & Southwest Washington

### Bend

631 SE Woodland Blvd • Bend, OR 97702  
**Phone:** (541) 312-3623

### Clackamas

15791 SE Piazza Ave • Clackamas, OR 97015  
**Phone:** (503) 655-7167

### Durham

18230 SW Boones Ferry Rd • Durham, OR 97224  
**Phone:** (503) 624-8860

### Hillsboro

1561 SE Enterprise Circle • Hillsboro, OR 97123  
**Phone:** (503) 640-4731

### Salem

2245 Judson Street SE • Salem, OR 97302  
**Phone:** (503) 375-6050

### Vancouver

10019 NE 72nd Ave • Vancouver, WA 98686  
**Phone:** (360) 573-5925

## Idaho

### Hayden

30 W. Orchard Ave • Hayden, ID 83835  
**Phone:** (208) 762-3230

## Western Montana

### Missoula

2910 American Way • Missoula, MT 59808  
**Phone:** (406) 549-2011

## Western Canada Sales

**Phone:** (604) 888-0555

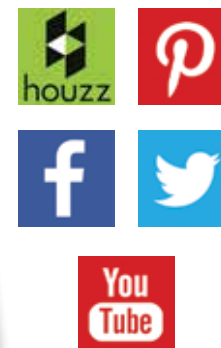


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[www.MutualMaterials.com](http://www.MutualMaterials.com)