



MUTUALMATERIALS®
Trusted Since 1900

HARDSCAPE *Building Beauty that Lasts*



PAVERS | RETAINING WALLS | ARCHITECTURAL SLABS | STEPPING STONES



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 create beautiful 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 something great.

Sincerely,



Kendall Anderegg
President, Mutual Materials



Contents

Environmental Commitment	4	Pavers	
Sustainability & LEED	5	Clay Pavers	10–11
Environmental Intro	6	Dominion Slate	12
Eco-Priora®	7	Roman Dominion™	13
TurfStone	8	Roman Cobblestone	14
		Plank Pavers	15
		Old Dominion Circles	16
		Old Dominion Squares & Recs	17
		Manor Square	18
		Jumbo Holland	19



Architectural Slabs & Patio Stones

Glacier Slate 20
 Columbia Slate 21
 Vancouver Bay Series 12 x 24 22
 Vancouver Bay Series 18 x 18 23
 Vancouver Bay Series
 16 x 16 & 24 x 24 24
 Utility Non-Skid 25
 Exposed Aggregate 26

Retaining Walls

TuscanStone™ 28–29
 Roman Cypress™ 30
 RomanStack® 31
 StackStone® 32
 CypressStone™ 33
 CornerStone® 34

Lifestyle

TuscanStone
 Outdoor Living Series 36
 Quarry Stone & Slate Stone 37
 Cobblestone Edgers 37
 Outdoor Fire Pit Kits 37

Hardscape Accessories 38

Common Questions 39

Installation 40–42

Paver Patterns and Specs... 43–51

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



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.

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.

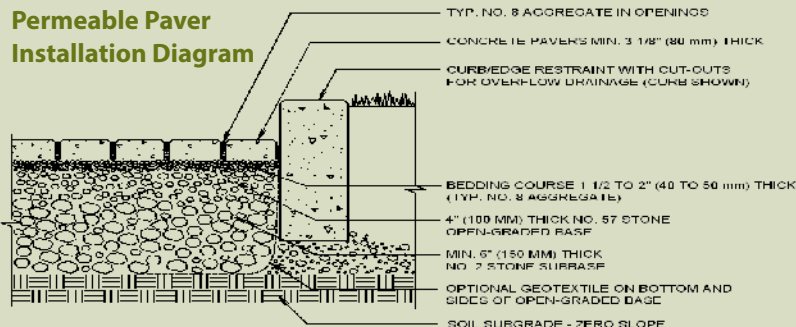
Resource Conservation

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 in 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.

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.

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.

PERMEABLE PAVERS

Eco-Priora™	7
TurfStone	8



EcoPriora®
Grey and Harvest Blend



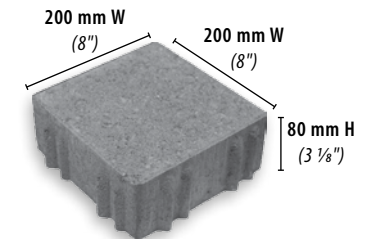
• ENVIRONMENTAL •

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.

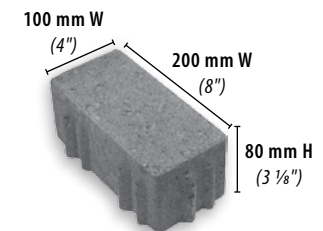
8 x 8 Unit

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



4 x 8 Unit

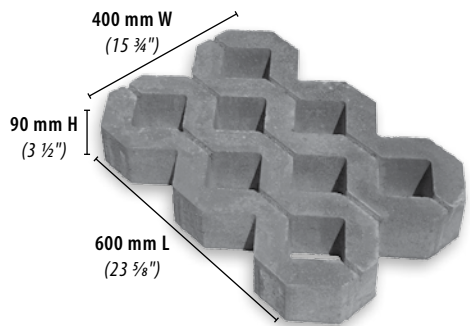
(There is a 13% void area per square foot.)



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 Grey.

TurfStone Unit





• TIME-HONORED • CLASSIC • VERSATILE • DURABLE •

PAVERS, SLABS, & PATIO STONES

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.

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

MEDITERRANEAN PAVERS

Clay Pavers.....	10–11
Dominion Slate	12
Roman Dominion®	13
Roman Cobblestone.....	14

TRADITIONAL PAVERS

Plank Pavers.....	15
Old Dominion Circle.....	16
Old Dominion Squares & Recs.....	17
Manor Square	18
Jumbo Holland Series.....	19

ARCHITECTURAL SLABS & PATIO STONES

Glacier Slate.....	20
Columbia Slate.....	21
Vancouver Bay Series.....	22–24
Utility Non-Skid.....	25
Exposed Aggregate.....	26



Clay Pavers

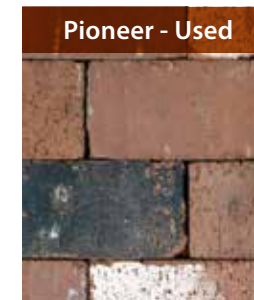
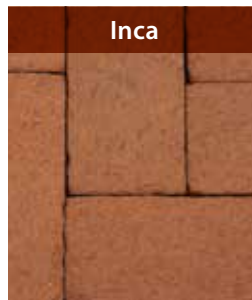
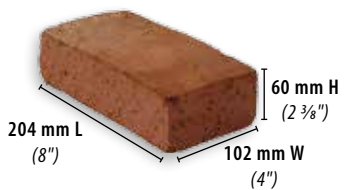
Get the timeless look of brick in your patio or walkway by using our clay pavers. Coming in a rectangular shape, clay pavers can be installed in a variety of patterns.

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



Mauna Loa

Roman Clay Pavers

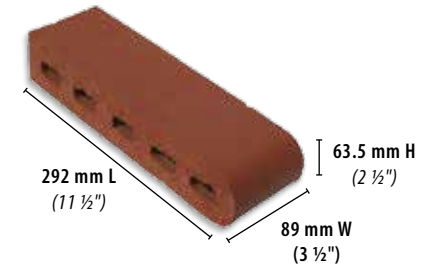


Clay Paver Stocking Colours and Sizes

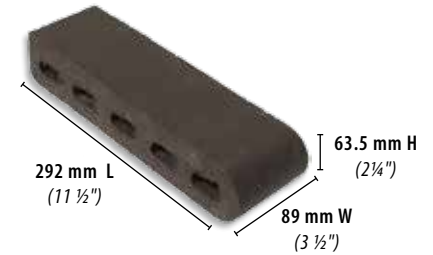


*Not available in 2.25" Copping Brick

2.5" Copping Brick

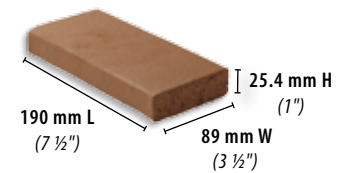


2.25" Copping Brick

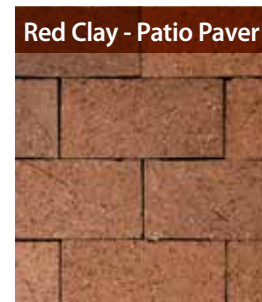
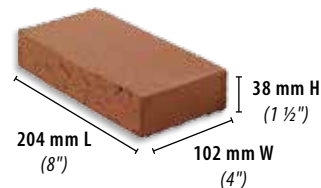


Mica Tile

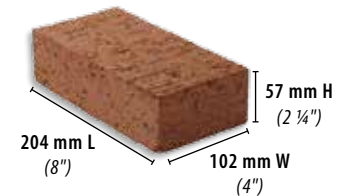
(To be used in mortar-set applications only.)



Clay Pavers



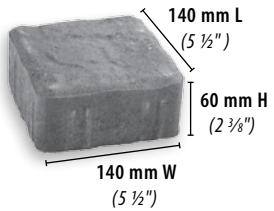
Patio Pavers



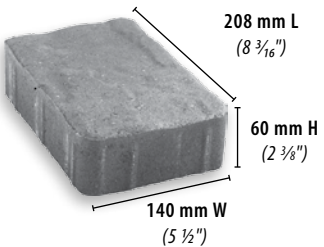
Dominion Slate

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.

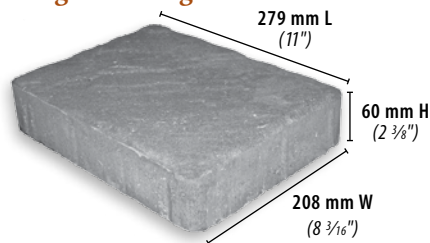
Square



Rectangle



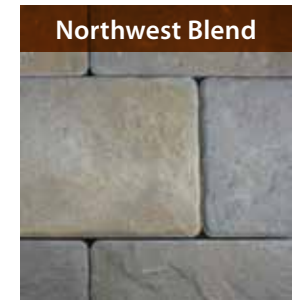
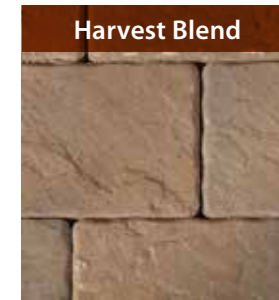
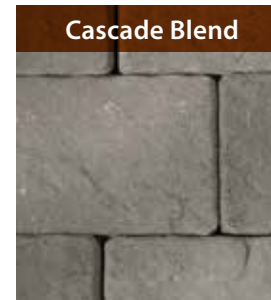
Large Rectangle*



**Large Rectangle is not recommended for vehicular use.*



Photo courtesy of Dreamscapes Landscape and Design.



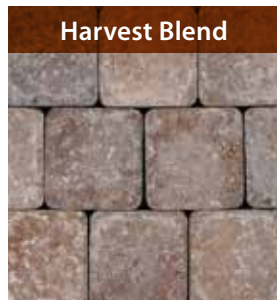
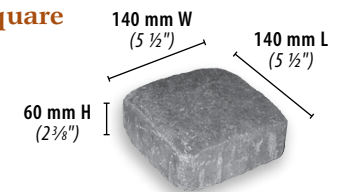
Roman Dominion®

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.

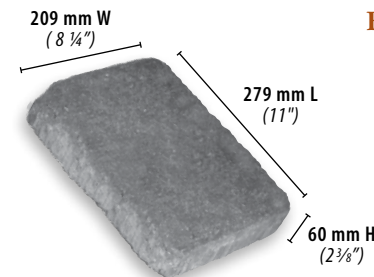


Summit Blend

Square

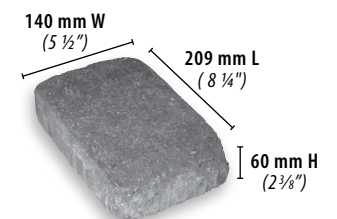


Large Rectangle*



*Large Rectangle is not recommended for vehicular use.

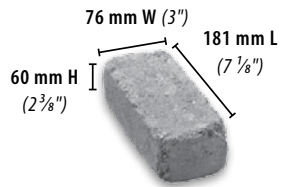
Rectangle



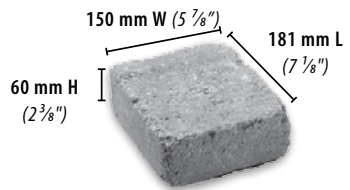
Roman Cobblestone

Tumbled to create a time-worn appearance, Roman Cobblestone adds beauty and character to any paved surface. They are ideal for both residential and commercial projects.

Small



Medium



Large

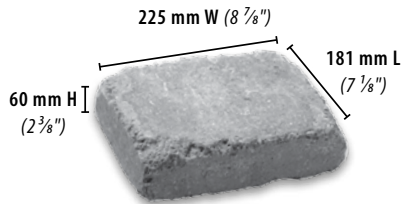
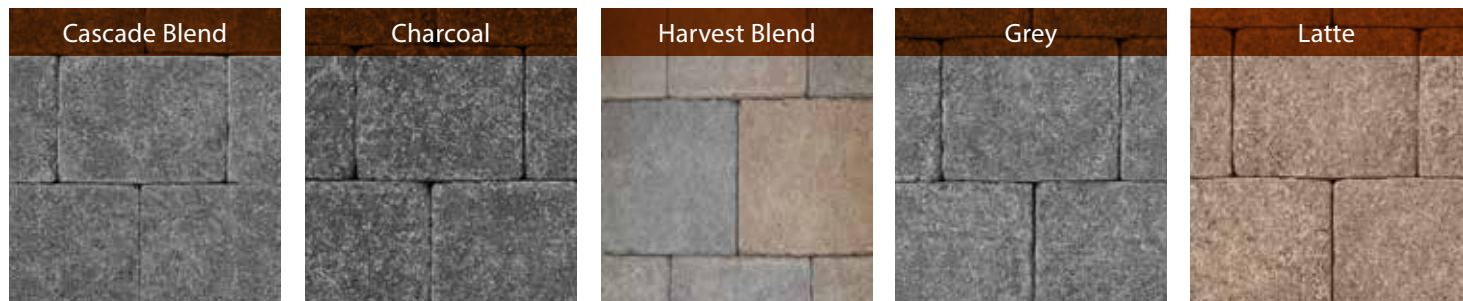


Photo courtesy of Outdoor Escapes

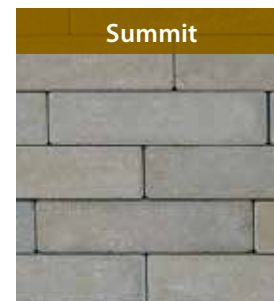
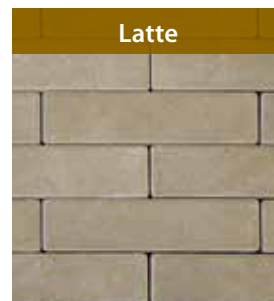
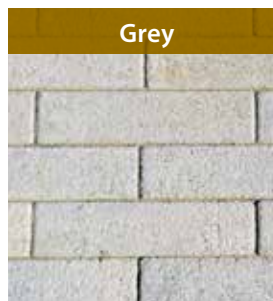
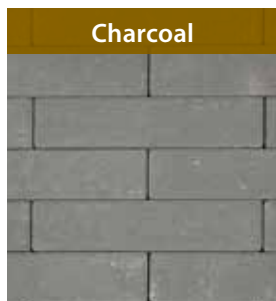
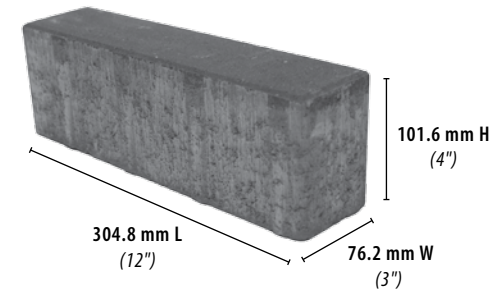


Plank Pavers*

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. However, with a thickness of 4" these pavers can be a great option for vehicular traffic in addition to a pedestrian surface.

*Special Order

Plank Paver



Old Dominion

With embossed edges and natural colours, 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.

Old Dominion Circle*

Small Circle (1 pallet)

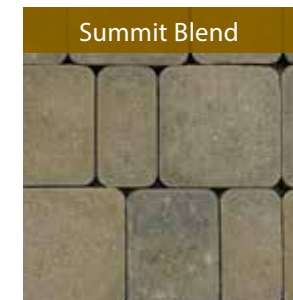
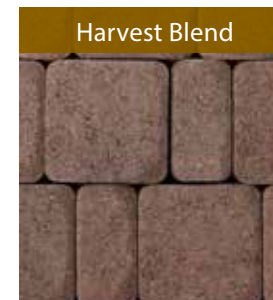
HEIGHT	DIAMETER	CIRCUMFERENCE
60 mm (2 3/8")	2120 mm (6' 15/16")	6158 mm (21' 7/8")

Large Circle (2 Pallets)

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



Harvest Blend sealed



* Must be purchased by the full pallet.

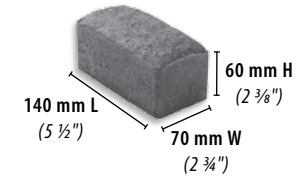
Cascade Blend



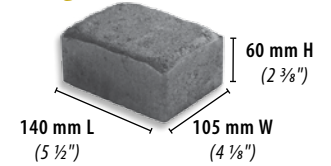
• TRADITIONAL •

Old Dominion Squares & Rectangles**

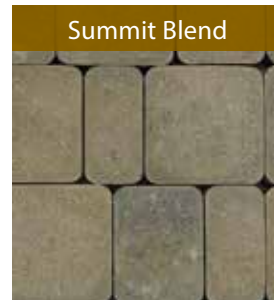
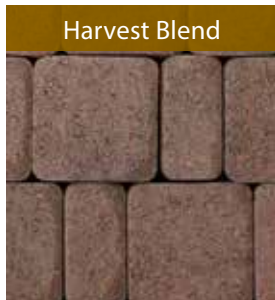
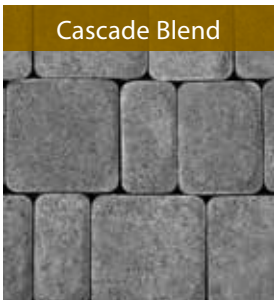
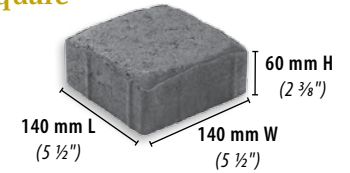
Small Rectangle



Rectangle



Square



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

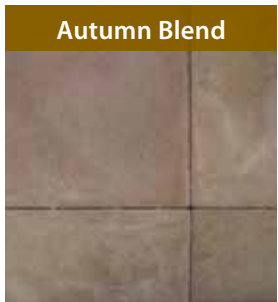
• TRADITIONAL •

Manor Square

With its Sierra Slate finish, Manor Square® allows for the ultimate in design versatility and performance. Offered in varying sizes, you will be able to design walkways and patios that provide wonderful patterns for visual interest.



6 x 6, 6 x 12 and 12 x 12 Manor Square in Grey, Latté and Charcoal.



Autumn Blend



Cascade Blend



6 x 12 Latté and Cascade Blend Vancouver Bay Manor Square.

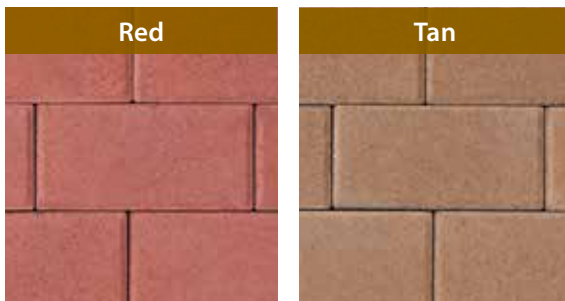
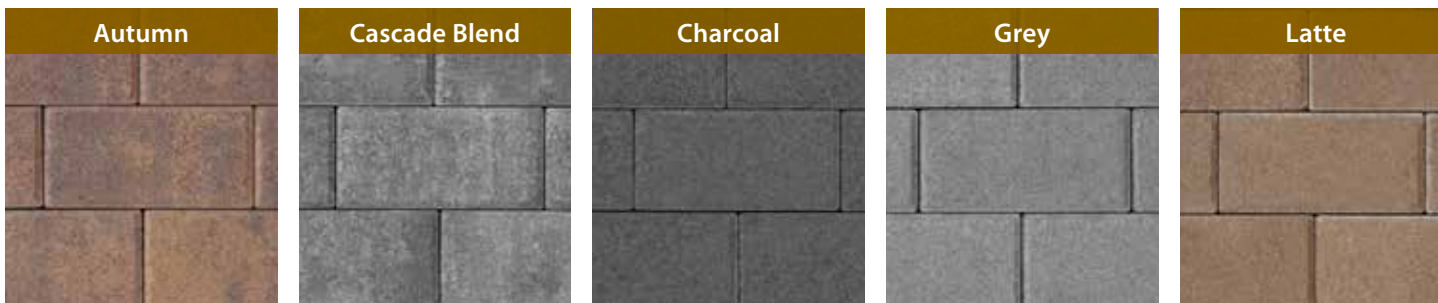
Jumbo Holland

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 colours for dramatic effect.

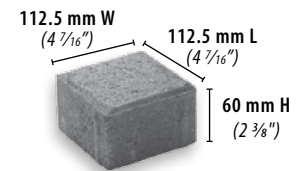


Photo courtesy of Woody's Custom Landscaping.

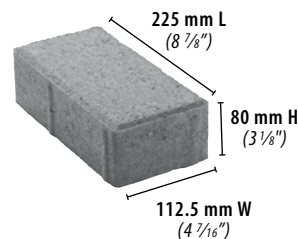
Summit Blend



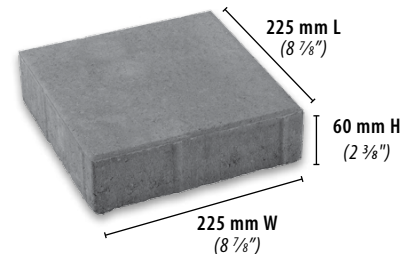
Jumbo Half



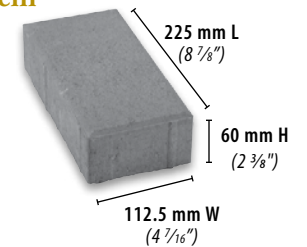
Jumbo 8 cm



Jumbo Double 6 cm



Jumbo 6 cm

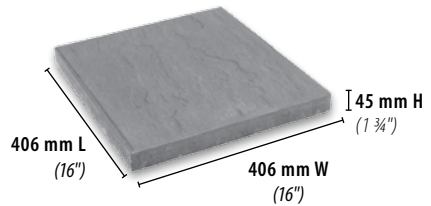


Glacier Slate*

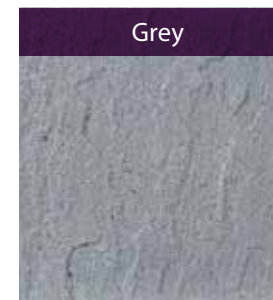
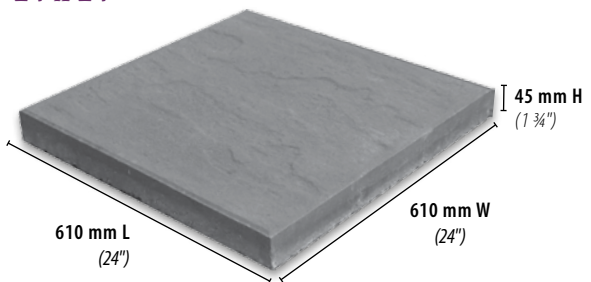
Add the “ahhh” factor to any of your outdoor living spaces. With its slate texture finish, these slabs give your project a more natural look. Combined with any of our other slabs, Glacier Slate helps expand the versatility of your design.

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

16 x 16



24 x 24



Columbia Slate*

Our new 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.

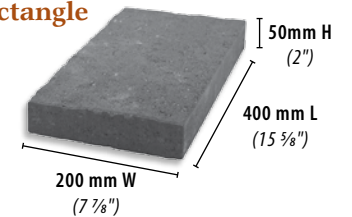
Its rectangular dimensions allow for the ultimate design versatility and its larger dimensions allow for less units per square foot.

***Columbia Slate patio stones are not suitable for vehicular traffic.**

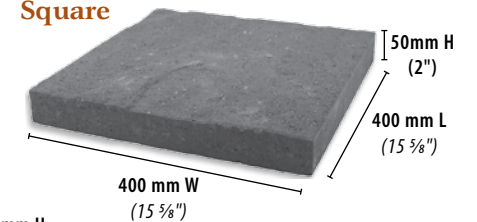


Northwest Blend

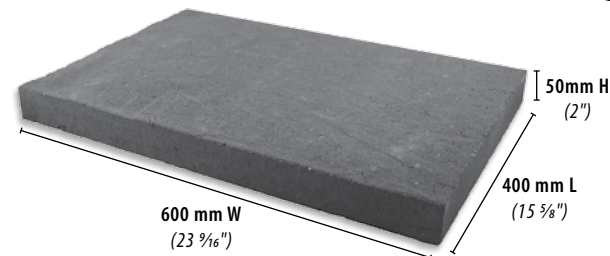
Rectangle



Square



Large Rectangle



Cascade Blend

Northwest Blend

Summit Blend

12 x 24" Vancouver Bay Series*

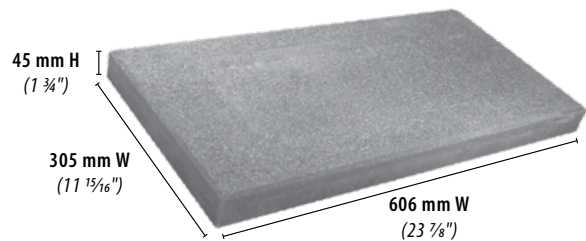
Vancouver Bay slabs have a light shot-blast finish for soothing colours and an elegant appearance. Outdoor living spaces, pathways and roof decks are ideal settings for architectural slabs. Use Vancouver Bay slabs anywhere an elegant, yet understated, pedestrian pavement is desired.

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



Vancouver Bay 12 x 24 Grey

12 x 24



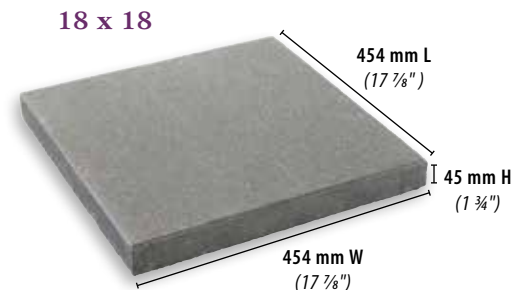


Graphite and Platinum

• PRESTIGE •

Vancouver Bay Series*

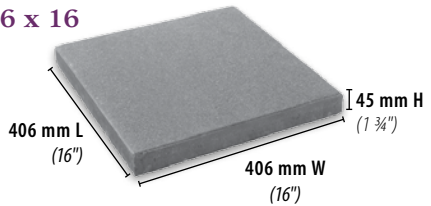
*** Vancouver Bay Series is not suitable for vehicular traffic.**



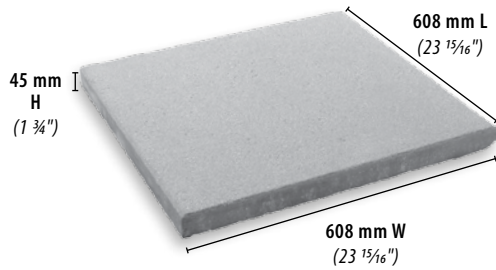
Vancouver Bay Series*

* Vancouver Bay Series is not suitable for vehicular traffic.

16 x 16



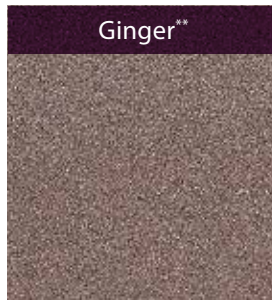
24 x 24



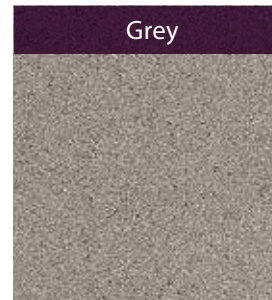
Grey



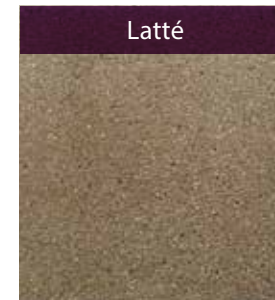
Charcoal



Ginger**



Grey



Latté



Tan**

Utility Non-Skid*

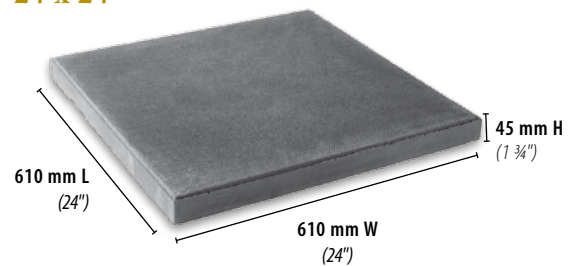
Non-Skid slabs are machine produced paving slabs. They are economical and are suited for on grade sand set or roof deck pedestal installation.

***Utility Non-Skid slabs are not suitable for vehicular traffic.**

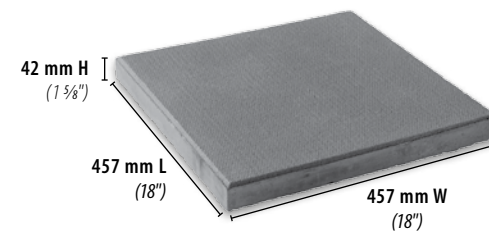


Grey

24 x 24



18 x 18

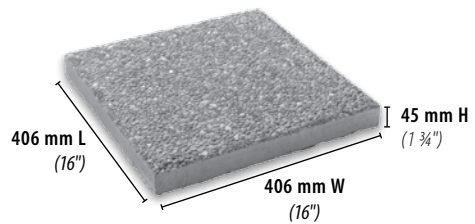


Exposed Aggregate*

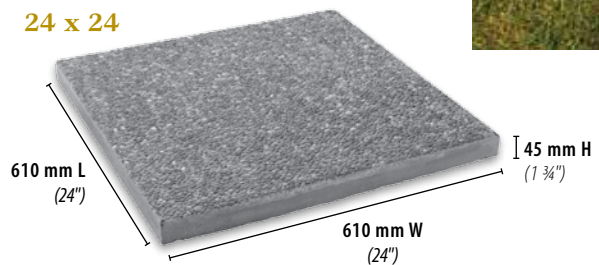
Exposed Aggregate slabs are machine produced paving slabs. They are economical and are suited for on grade sand-set installation.

***Exposed Aggregate slabs are not recommended for pedestal-set application. Not suitable for vehicular traffic.**

16 x 16



24 x 24





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

RETAINING WALLS

Enhance your outdoor space with stately and sophisticated segmental retaining walls. Combining interlocking technology and weight, segmental retaining wall systems allow you to build walls that beautify your yard, turning once impractical space into a focal point.

Whether you want freestanding or retaining walls, Mutual Materials provides options in a variety of textures, shapes and colours to meet your design or aesthetic needs

Segmental retaining walls are ideal for terraces, raised gardens, outdoor kitchens, or accent walls and meet the demands of homeowners, contractors, and landscape architects looking to amplify their natural surroundings.

MEDITERRANEAN WALLS

TuscanStone™	28–29
Roman Cypress™	30
RomanStack®	31

TRADITIONAL WALLS

StackStone®	32
CypressStone™	33
CornerStone®	34



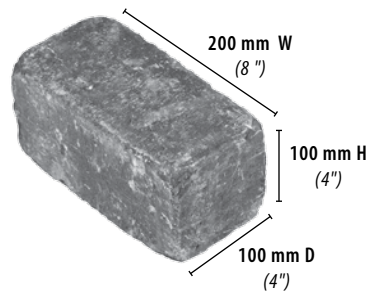
TuscanStone™

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.

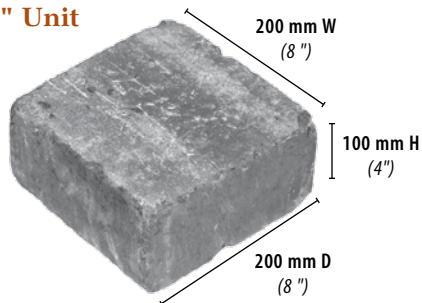
Typical uses include garden walls, planters, lamp posts, stair treads, and pavers. It's an easy way to introduce a rustic European influence into your home.

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

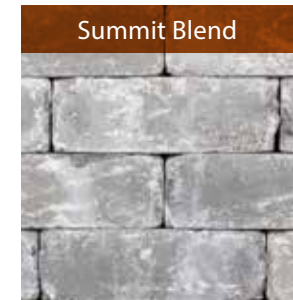
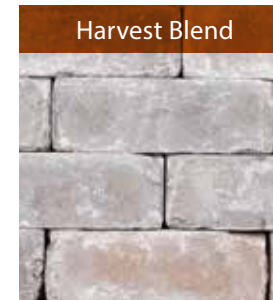
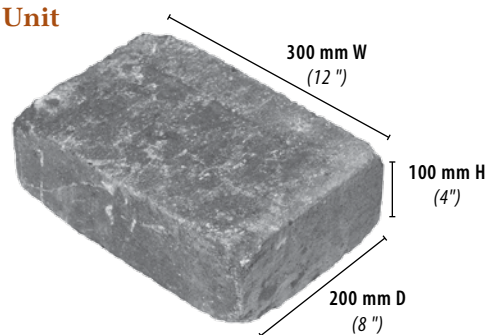
4" Unit



8" Unit



12" Unit





TuscanStone™ is a unique block with a classic hand-chiseled appearance that looks as though it's been aged in the sun.

Now TuscanStone™ comes in three sizes, giving you the ability to create a variety of outdoor projects. From a simple column or seating wall to more detailed fireplaces, water features, and bar tables. TuscanStone allows you to start or add to your yard or outdoor living space.

TUSCANSTONE™
OUTDOOR LIVING SERIES

See page 35 for more details.

Roman Cypress™

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

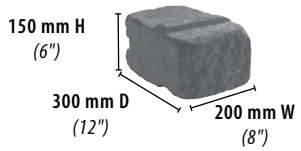
Maximum gravity wall height: 4 ft (1.2 m)

Maximum reinforced wall height: 26 ft (7.92 m)



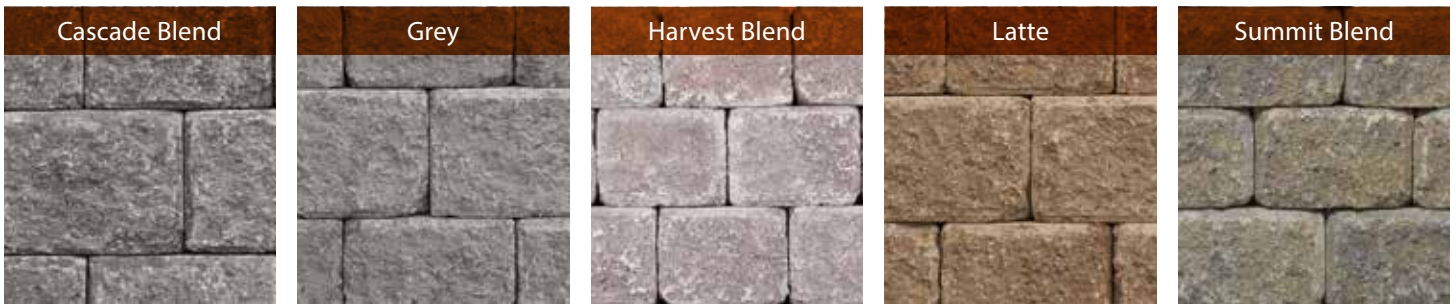
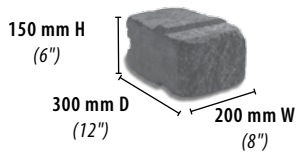
Photo courtesy of Dreamscapes Landscape and Design.

Standard Unit



Harvest Blend

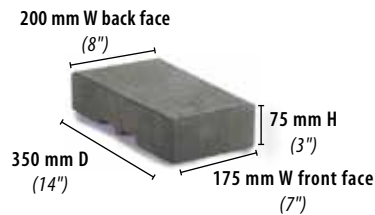
Tapered Unit



Corner Unit



Revers-a-Cap*



Coping Unit*



* Revers-a-Cap and Coping Units are made in pairs and must be split on site.



Grey and Cascade Blend

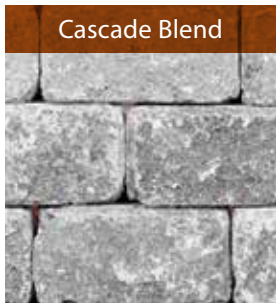
• MEDITERRANEAN •

RomanStack®

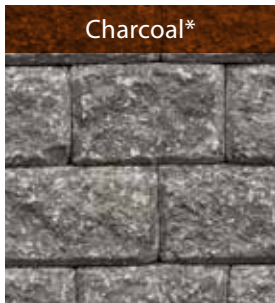
Textured on front and back, these retaining wall blocks can be used to create straight, curved and serpentine walls that are attractive from any angle.

With three wall-unit sizes, two cap sizes and a 90° corner unit, RomanStack can be used to create truly unique walls.

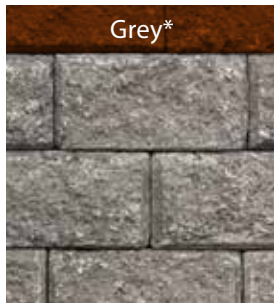
Maximum wall height: 2 ft (0.61 m).*



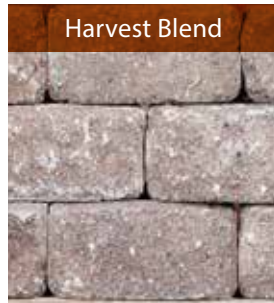
Cascade Blend



Charcoal*



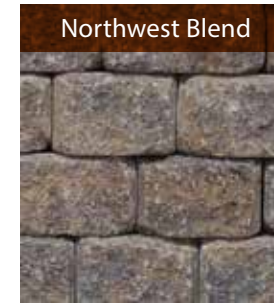
Grey*



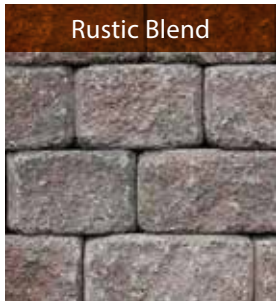
Harvest Blend



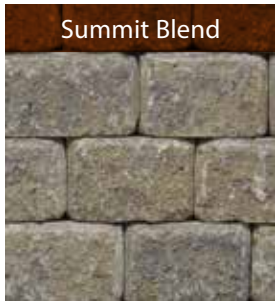
Latte*



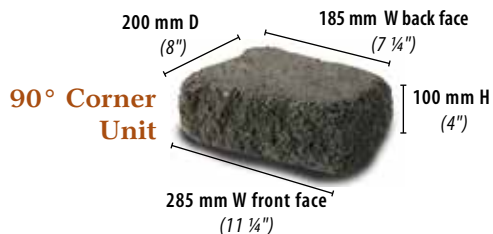
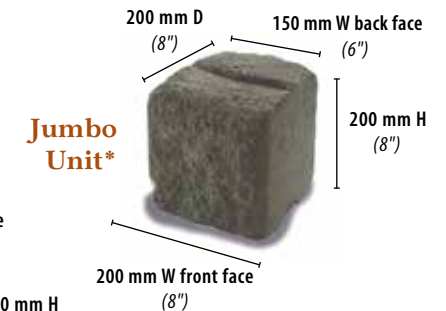
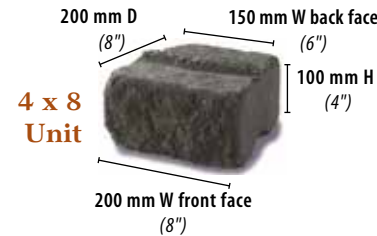
Northwest Blend



Rustic Blend



Summit Blend



*Jumbo and 4 x 12 Units are not available in Charcoal, Grey and Latte.

StackStone®

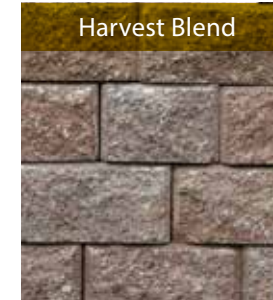
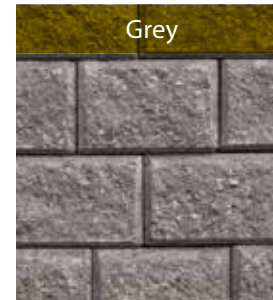
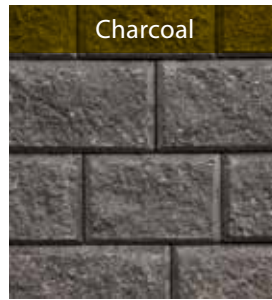
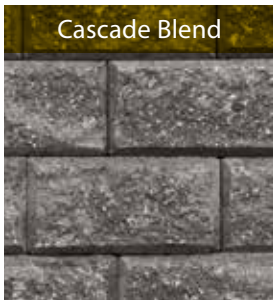
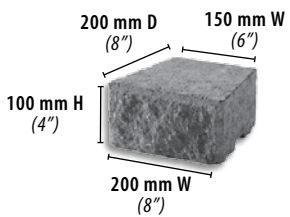
StackStone® walls are designed for garden walls, short free-standing patio walls, edging details and tree rings. Textured on both front and back faces, these small, flat face units can be used to create straight, curved and serpentine walls attractive from any angle. The matching cap unit gives your wall a finished look.

*Maximum wall height = 0.61 m (2 ft).
Please refer to the StackStone tech sheet for more detailed information.*

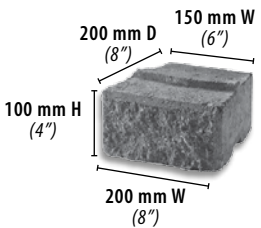


Latte

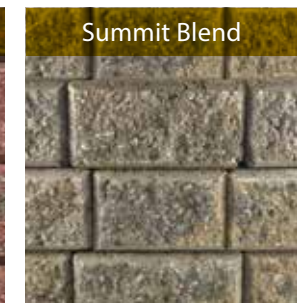
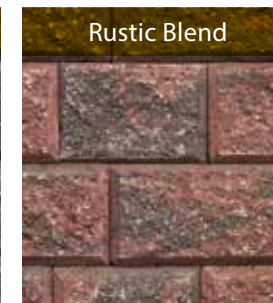
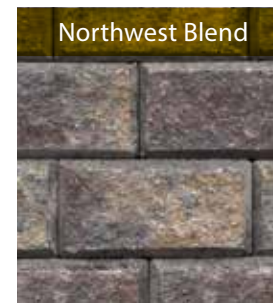
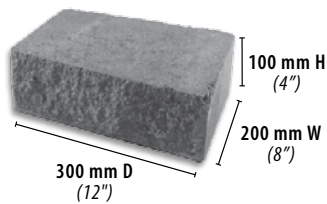
4 x 8 Cap Unit



4 x 8 Unit



Corner Unit



CypressStone™

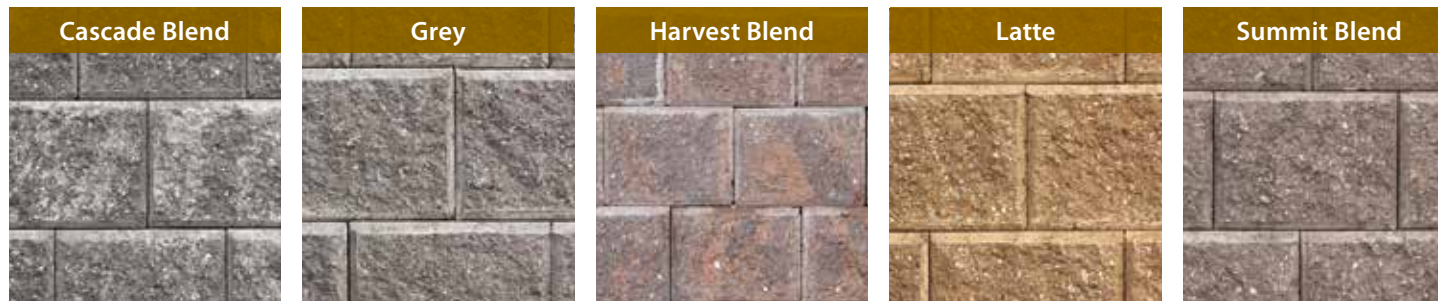
CypressStone™ retaining walls have the natural appearance of quarried stone. Use them to make straight walls, curved walls, 90° turns. CypressStone can also be combined with coping units to create stairs. The CypressStone system is a good choice for landscapes with multiple wall heights, allowing for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

CypressStone replaces our Pisa2 product line.

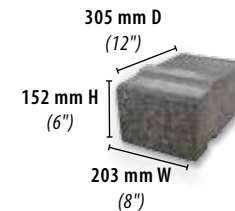
Maximum gravity wall height: 4 ft (1.2 m).
Maximum reinforced wall height: 26 ft (7.92 m).



Cascade Blend



Standard Unit



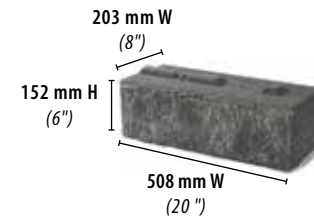
3 x 12 x 24 Coping Unit*



Revers-a-Cap*



Corner Unit



Tapered Unit



* Revers-a-Cap and Coping units are made in pairs and must be split on site.

• TRADITIONAL •

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 = 0.91 m (3 ft),

100-Series = 1.22 m (4 ft),

200-Series = 1.83 m (6 ft).

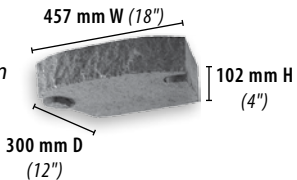
Suitable for engineered walls up to 9.14 m (30 ft).

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

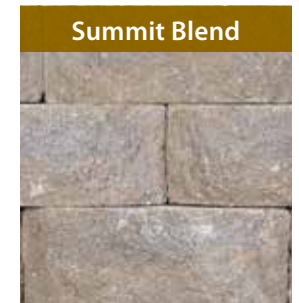
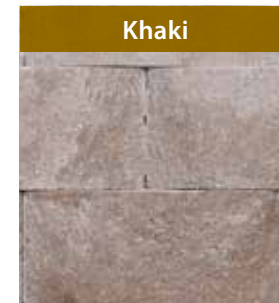
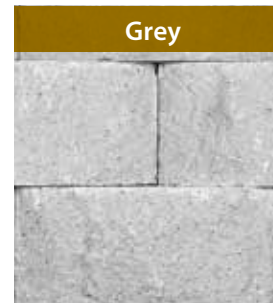
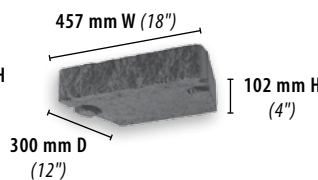


Photo courtesy of Dreamscapes Landscape and Design.

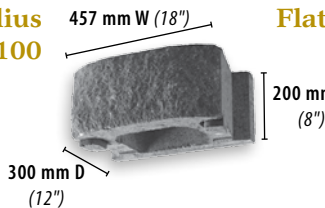
Radius Face 50 Cap*



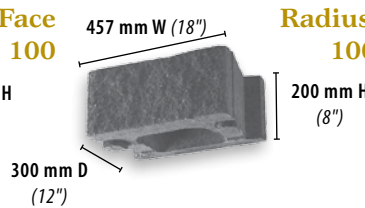
Flat Face 50 Cap*



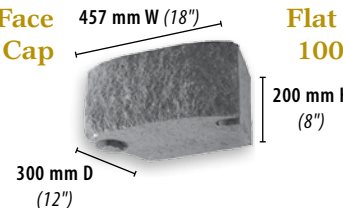
Radius Face 100



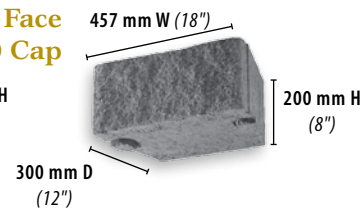
Flat Face 100



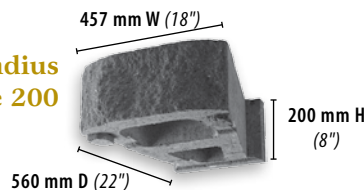
Radius Face 100 Cap



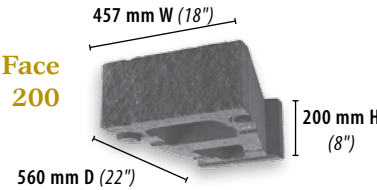
Flat Face 100 Cap



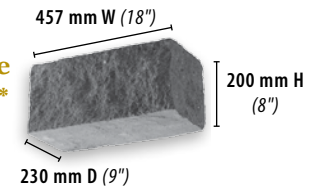
Radius Face 200



Flat Face 200



Flat Face 100 Corner**



* Available in tapered and straight-sided units

** Corner Units available in Flat Face only



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

TuscanStone™ Outdoor Living Series	36
Quarry Stone and Slate Stone Benches and Steps.....	37
Cobble Edger.....	37
Outdoor Fireplace Systems, Fire Pit Kits	37



TUSCANSTONE™

OUTDOOR LIVING SERIES

Introducing Tuscan Stone in three different dimensions to inspire a variety of projects such as: columns, fire pits, planters, water features, outdoor fireplaces, and seating walls.

Go to www.mutualmaterials.com/tuscan-projects for individual project sheets for creating each project.

PRODUCT	SIZE	WEIGHT	PALLET COUNT	PALLET WEIGHT
Tuscan Stone Charcoal	8 x 4 x 12	30	90	2700
Tuscan Stone Summit	8 x 4 x 12	30	90	2700
Tuscan Stone Harvest	8 x 4 x 12	30	90	2700
Tuscan 8 x 8 Charcoal	8 x 4 x 8	20	120	2400
Tuscan 8 x 8 Summit	8 x 4 x 8	20	120	2400
Tuscan 8 x 8 Harvest	8 x 4 x 8	20	120	2400
Tuscan 4 x 8 Charcoal	4 x 4 x 8	10	240	2400
Tuscan 4 x 8 Summit	4 x 4 x 8	10	240	2400
Tuscan 4 x 8 Harvest	4 x 4 x 8	10	240	2400



FIREPLACES



PLANTERS



FIRE PITS



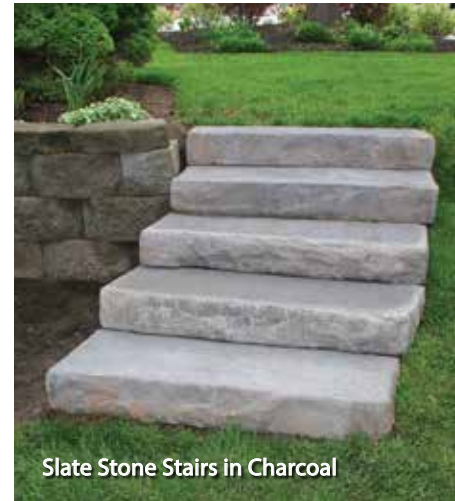
SEATING WALLS



MAILBOX COLUMNS



Quarry Stone Bench in Harvest

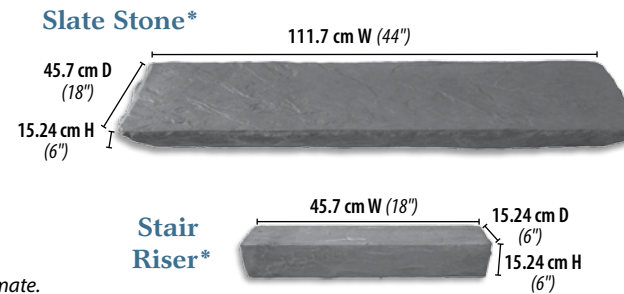
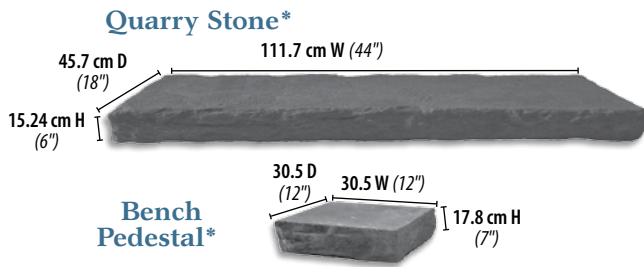


Slate Stone Stairs in Charcoal

Quarry Stone & Slate Stone

Mutual Materials has created “stones” from concrete that 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.

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



* These sizes are approximate.



Fire Pit Kits

Now you can bring the campfire to your home with our pre-packaged fire pit kits. These fire pits are easy to install and you can choose between four types: a circular RomanStack® Kit, a square RomanStack Kit (two sizes), and a round CottageStone® Kit. Fire pits should only be built over a non-combustible surface. Never install over a wood deck.



Cobble Edger

Cobble Edger is molded to provide a stone-like edge for framing flower gardens, marking pathways and dividing planting areas from grass. This 4-inch tall edging resembles 3 stones for a look that blends naturally with your landscape. Tapered ends allow you make straight or curved borders with this edging.

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.

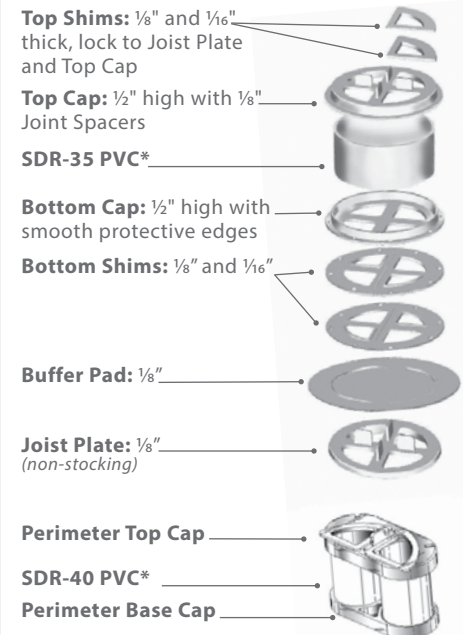
CONCRETE ADHESIVES

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.

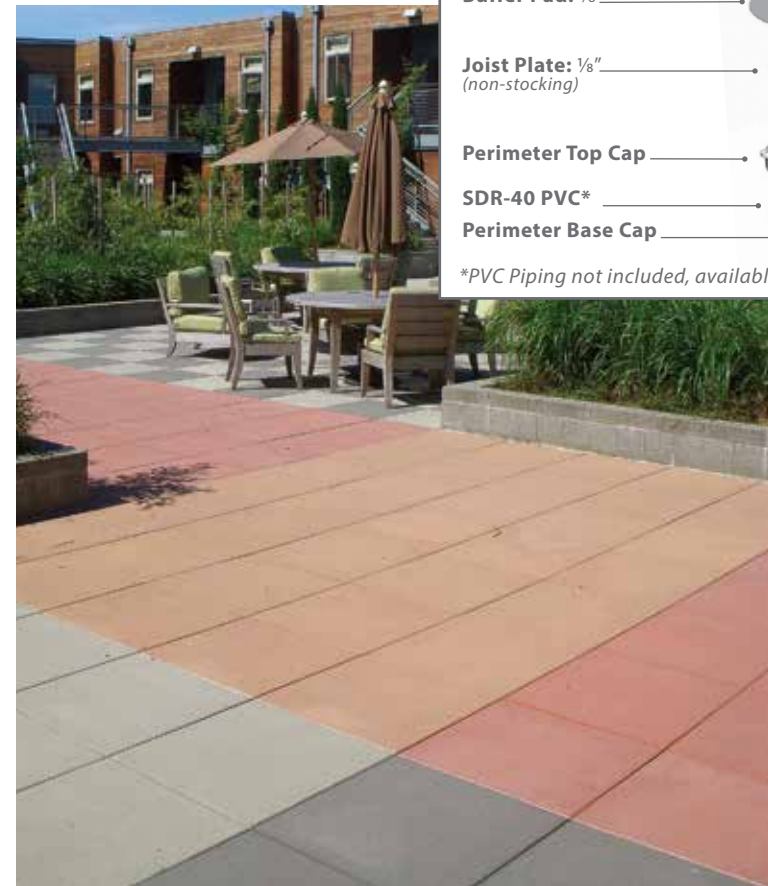
AWS™ PEDESTAL SYSTEM:

The AWS™ Pedestal System 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, the AWS System provides a long-lasting, affordable alternative to wood and composite systems for both commercial and residential projects.

The AWS Pedestal System



*PVC Piping not included, available locally.



We Have the Answers

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—see www.mutualmaterials.ca for a dealer in your area.

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 <http://www.mutualmaterials.ca/homeowner/estimator> 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.ca 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?

We are your complete solution for materials and installation for most types of projects. Visit our website or one of our branches for details.

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, 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 3 key benefits:

- 1) Help resist penetrating stains.
- 2) Enhance the colour.
- 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.

How come the colour on my product doesn't look exactly like it does in the catalog?

Due to the limitations of photography, there is no guarantee that your product's colours 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 colour throughout my project?

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

Paver Installation Instructions

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. For more information, or help locating a contractor, please contact Mutual Materials directly or visit www.mutualmaterials.ca.

To see a video demonstration of installing a paver patio, check out our YouTube channel at www.youtube.com/user/mutualmaterialsco.

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 1/8" to 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 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 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 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**

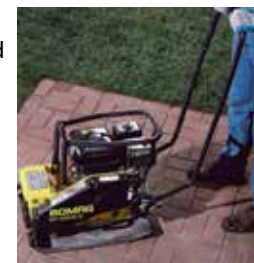
Depending on the type of paver and pattern, starting points and direction of installation will vary. More times than not, opt for the easiest access with the longest run where no cutting will be made. Also consider more visual areas (i.e. in line with windows, doors,



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 colour 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 colour blend, it is important that you mix pavers from multiple pallets together as you lay your design.

Retaining Wall Installation Instructions

Note: 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.

To see a video demonstration of a retaining wall installation, visit our channel on You Tube at www.youtube.com/user/mutualmaterialsco.

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 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 58 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 Celtik Wall®, insert clips as shown on the Celtik Wall® Tech Sheet. This will provide a batter to the wall for better stability. 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 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®, Celtik Wall®, 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.



Sand-Set Slab Installation Instructions

The following are standard installation guidelines for Architectural Slabs in a sand-set application. 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.ca.

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 1/8" to 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 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 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 3/4" architectural slab, the final base elevation should be 2 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 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 then 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 colour 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.

STEP 6: Compaction*

Compact first to achieve proper interlock and then sweep joint sand over entire area to fill slab joints and lock up pattern lines. Sweep excess joint sand off of slab surface. Place sheets of plywood over the pavement. Place plate compactor on plywood and run compactor, making sure not to leave compactor in one spot too long as it will crack or chip the slab below. Make back and forth runs, slightly overlapping the previous run. Compact pavers in perpendicular runs to first compaction. When finished, sweep joint sand into slab joints until they are completely full.



* Plate compactor can be rented at most rental outlets.

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

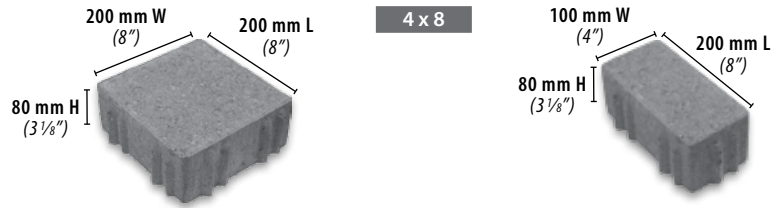


Eco-Priora® (p. 7)

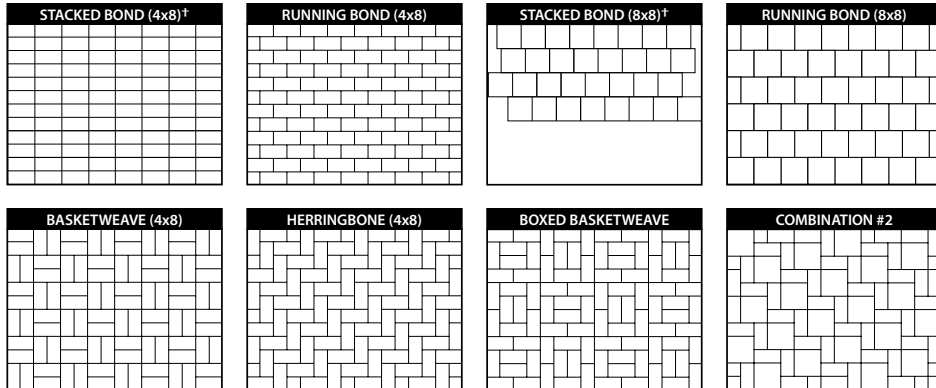
	Pieces / Pallet	Stones / Sq Ft	Coverage / Pallet	Weight / Unit	Weight / Pallet	Net Void
4 x 8 Unit	432	4.5	93.2 ft ² (8.65 m ²)	8 lbs (3.6 kg)	3,456 lbs (1,567 kg)	13%
8 x 8 Unit	192	2.25	83.04 ft ² (7.71 m ²)	16 lbs (7.2 kg)	3,172 lbs (1,439 kg)	9%

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

* All metric dimensions are soft converted to Imperial.



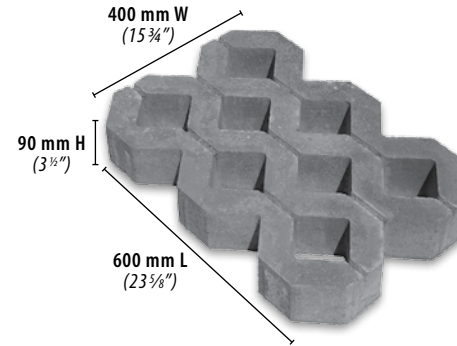
INSTALLATION PATTERNS



† Currently Available for Mechanical Installation

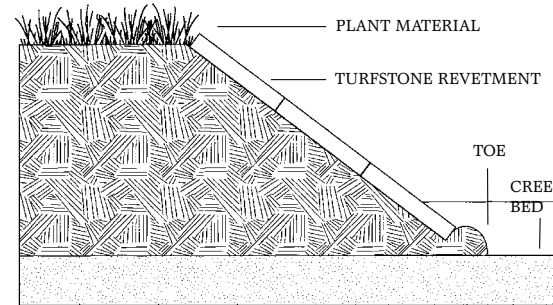
TurfStone®* (p. 8)

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

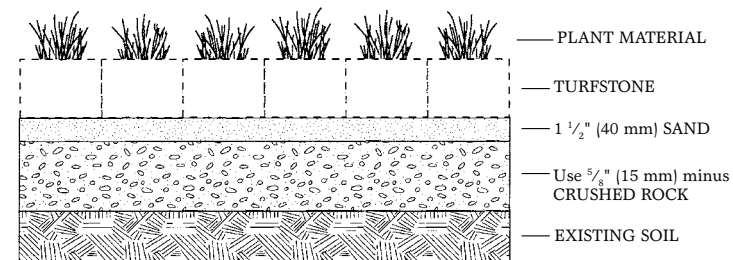


* Grooves are not expected to align.
Per ICPI Tech Spec #8, some cracking and or breakage is expected and not grounds for rejection.

TYPICAL EMBANKMENT EROSION CONTROL*



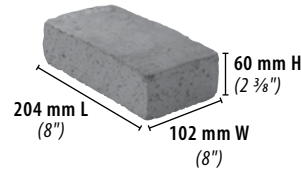
TYPICAL INSTALLATION OVER DENSE GRADED BASE*



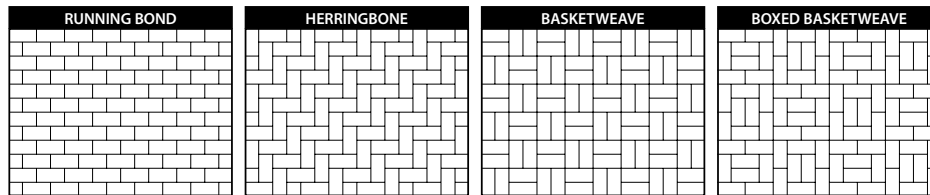
Roman Clay Pavers (pp.10-11)

Unit	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
2 3/8" Paver	48.44 / m ² (4.5 / ft ²)	576	11.89 m ² (128 ft ²)	2.72 kg (6 lb)	1,590.29 kg (3,506 lb)

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



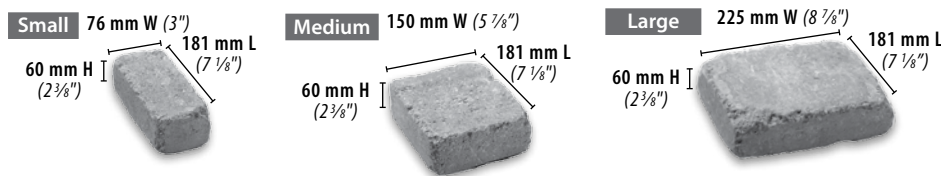
ROMAN CLAY PAVER INSTALLATION PATTERNS



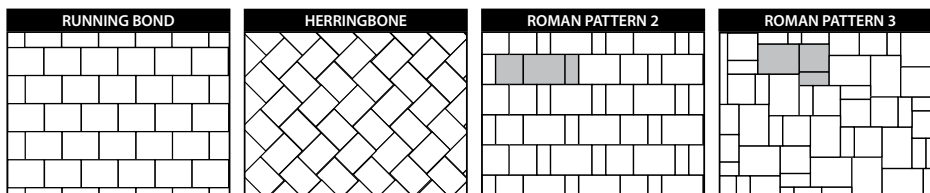
Roman Cobblestone (p.14)

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

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



ROMAN COBBLESTONE INSTALLATION PATTERNS



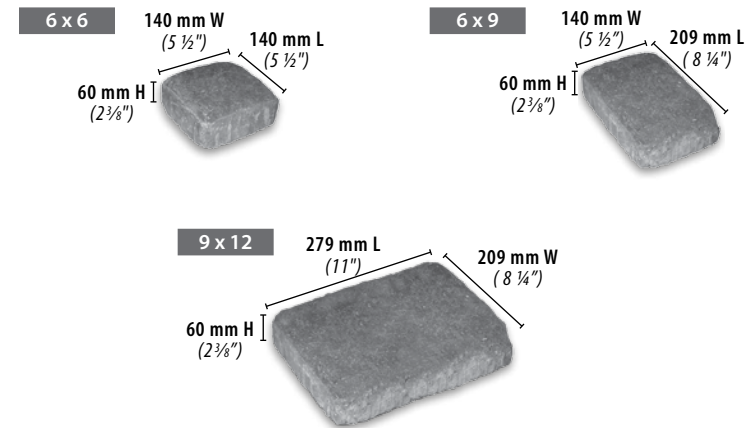
Large: 50%
Medium: 34%
Small: 16%

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

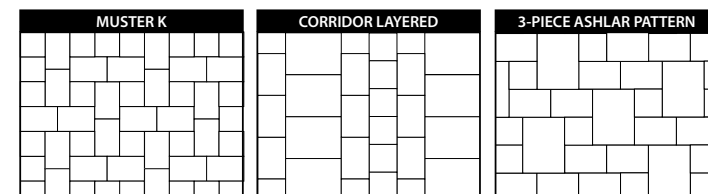
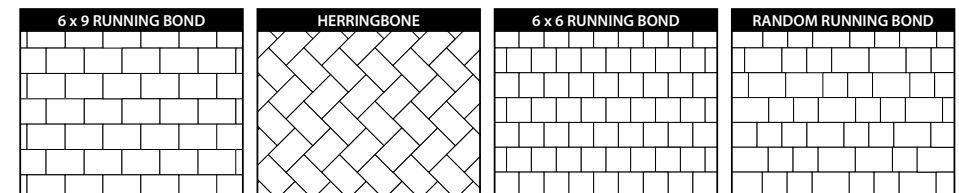
Dominion Slate & Roman Dominion™ (pp.12-13)

Unit	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
6 x 6	51.5 pcs / m ² (4.73 pcs / ft ²)	432	8.48 m ² (91.26 ft ²)	2.6 kg (5.8 lb)	1,161 kg (2,560 lb)
6 x 9	34.4 pcs / m ² (3.16 pcs / ft ²)	324	9.53 m ² (102.6 ft ²)	3.9 kg (8.7 lb)	1,302 kg (2,870 lb)
9 x 12*	17.1 pcs / m ² (1.59 pcs / ft ²)	144	8.43 m ² (90.8 ft ²)	8 kg (17.6 lb)	1,171 kg (2,582 lb)

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
*9 x 12 Unit not meant for vehicular applications



ROMAN DOMINION/DOMINION SLATE INSTALLATION PATTERNS



6 x 6: 30%
6 x 9: 70%

9 x 12: 43%
6 x 9: 43%
6 x 6: 14%

Plank Pavers (p. 15)

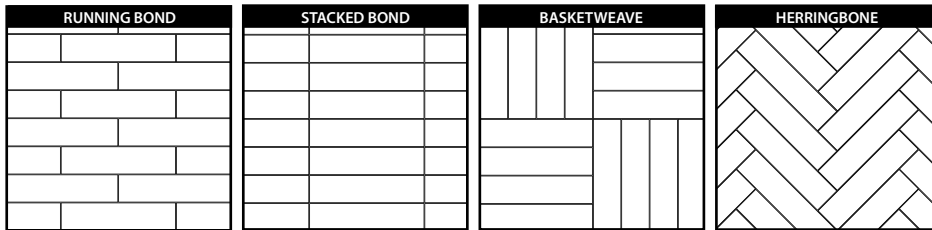
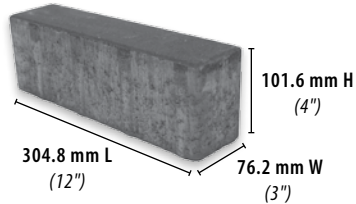
Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
43 pcs / m ² (4 pcs / ft ²)	252	5.85 m ² (63 ft ²)	5.1 kg (11.2 lb)	1,280 kg (2,822 lb)

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

* 9 x 12 Unit not meant for vehicular applications

Plank Paver

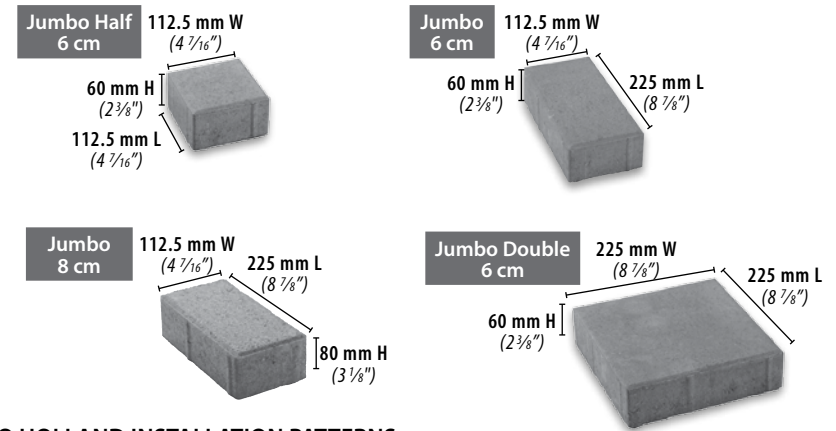


Jumbo Holland (p. 19)

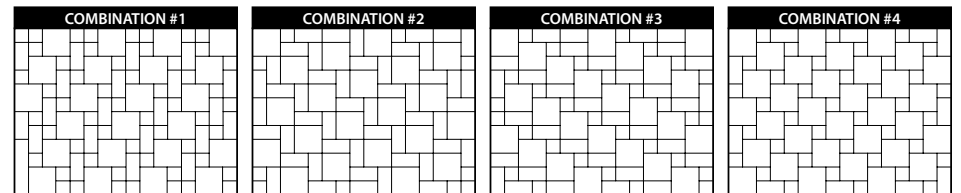
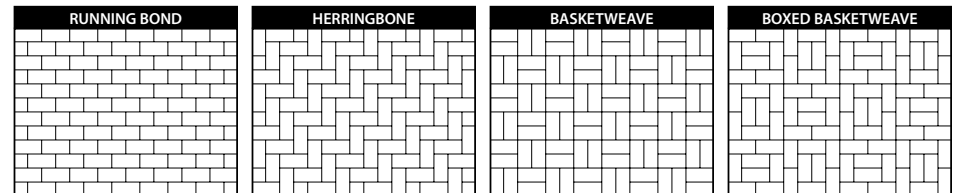
6 cm	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
Jumbo Half	79.12 pcs / m ² (7.55 pcs / ft ²)	720	9.1 m ² (98 ft ²)	1.8 kg (4 lb)	1,270 kg (2,800 lb)
Jumbo	39.56 pcs / m ² (3.67 pcs / ft ²)	360	9.1 m ² (98 ft ²)	3.6 kg (8 lb)	1,270 kg (2,800 lb)
Jumbo Dble	19.78 pcs / m ² (1.84 pcs / ft ²)	180	9.1 m ² (98 ft ²)	7.0 kg (16 lb)	1,270 kg (2,800 lb)
8 cm	Coverage	Units/Pallet	Coverage/Pallet	Weight/Piece	Weight/Pallet
Jumbo	39.56 pcs / m ² (3.67 pcs / ft ²)	320	8.1 m ² (87 ft ²)	4.7 kg (10 lb)	1,500 kg (3,300 lb)

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

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



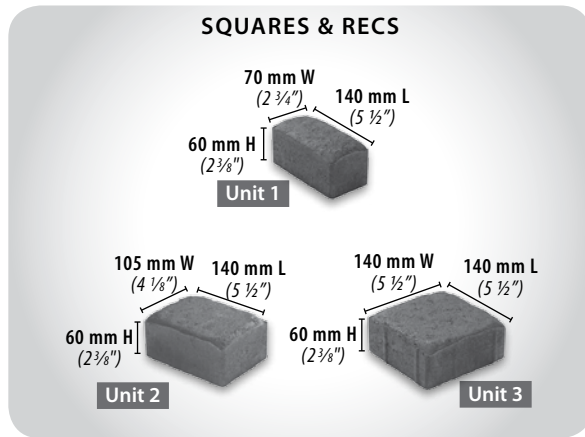
JUMBO HOLLAND INSTALLATION PATTERNS



Half Jumbo	25%	Jumbo	56%	Half Jumbo	14%	Half Jumbo	20%
Jumbo	25%	Double Jumbo	44%	Jumbo	29%	Double Jumbo	80%
Double Jumbo	50%			Double Jumbo	57%		



Old Dominion Squares & Recs, Circle Kits (pp. 16-17)



CIRCLE KITS

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

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

LARGE CIRCLE (2 pallets)**

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

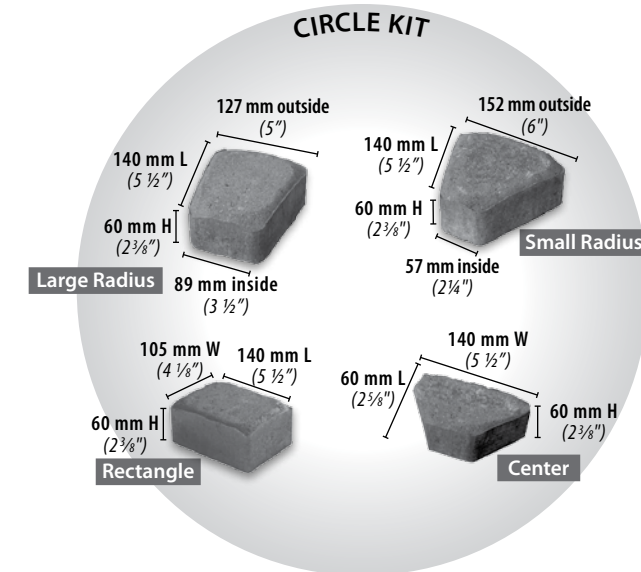
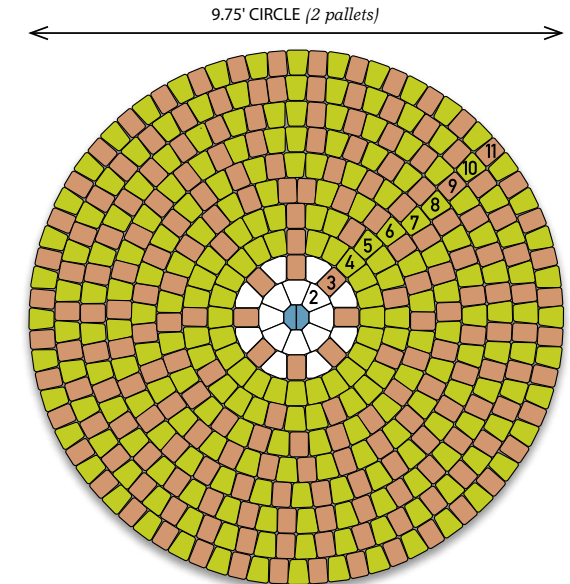
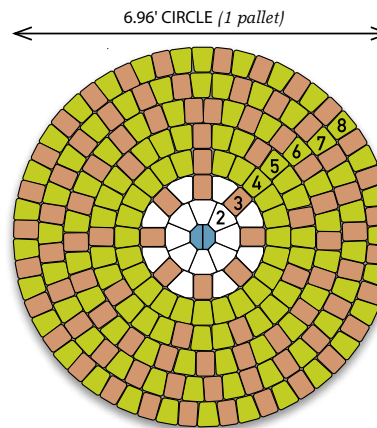
SQUARES & RECS*

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

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.



LEGEND

- CP.....Center Piece
- SR.....Small Radius
- LR.....Large Radius
- R.....Rectangle

PALLET LAYOUT

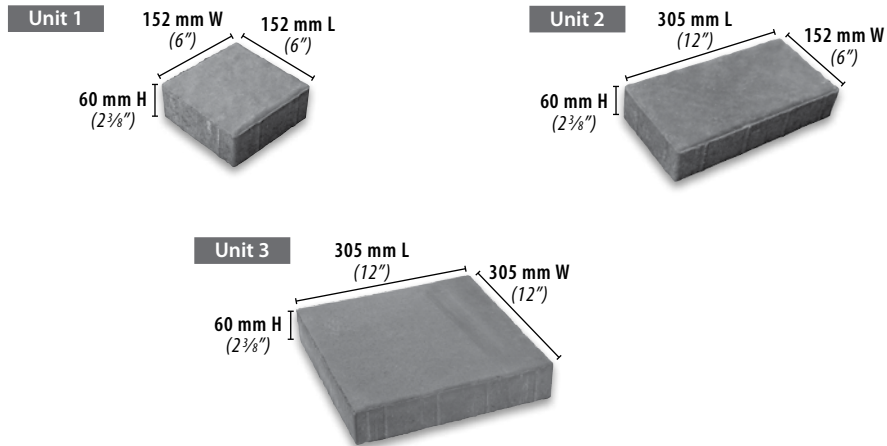
* Must be purchased by the full layer. Sizes come mixed on each layer.

** Must be purchased by the full pallet.

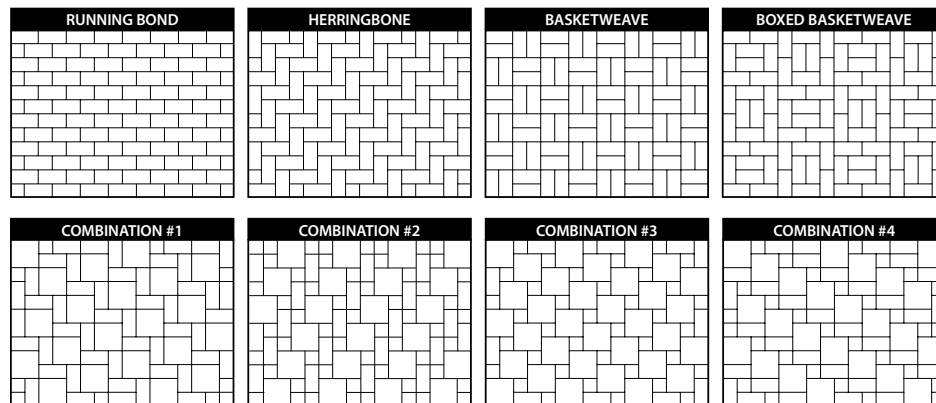
Manor Square® (p. 18)

	Coverage	Units Per Pallet	Coverage Per Pallet	Weight Per Piece	Weight Per Pallet
Unit One	.023 m ² (43.04 pcs / m ²) .25 ft ² (4 pcs / ft ²)	432	10 m ² (108 ft ²)	3.22 kg (7.1 lb)	1,400 kg (3,080 lb)
Unit Two	.046 m ² (21.52 pcs / m ²) .5 ft ² (2 pcs / ft ²)	216	10 m ² (108 ft ²)	6.46 kg (14.25 lb)	1,400 kg (3,080 lb)
Unit Three	.093 m ² (10.76 pcs / m ²) 1 ft ² (1 pc / ft ²)	108	10 m ² (108 ft ²)	12.9 kg (28.5 lb)	1,400 kg (3,080 lb)

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



MANOR SQUARE® INSTALLATION PATTERNS

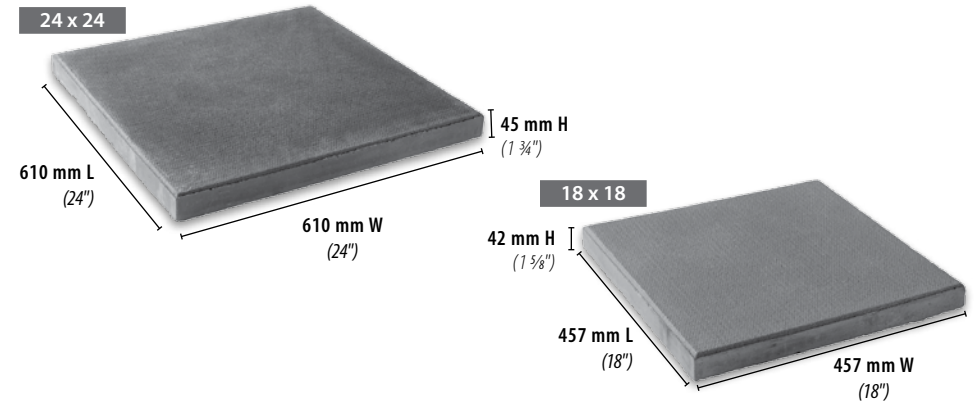


Unit 2 56%	Unit 1 25%	Unit 1 20%	Unit 1 14%
Unit 3 44%	Unit 2 25%	Unit 3 80%	Unit 2 29%
	Unit 3 50%		Unit 3 57%

Utility Non-Skid (p. 25)

	COVERAGE	PER PALLET	WEIGHT		
457 mm x 457 mm x 41 mm (18" x 18" x 1 5/8")	.21 m ² / pc (2.25 ft ² / pc)	56 pcs	11.7 m ² (126 ft ²)	20.41 kg / pc (45 lb / pc)	1,247 kg / pallet (2,750 lb / pallet)
610 mm x 610 mm x 45 mm (24" x 24" x 1 3/4")	.37 m ² / pc (4.0 ft ² / pc)	28 pcs	10.4 m ² (112.0 ft ²)	40.82 kg / pc (90 lb / pc)	1,143 kg / pallet (2,520 lb / pallet)

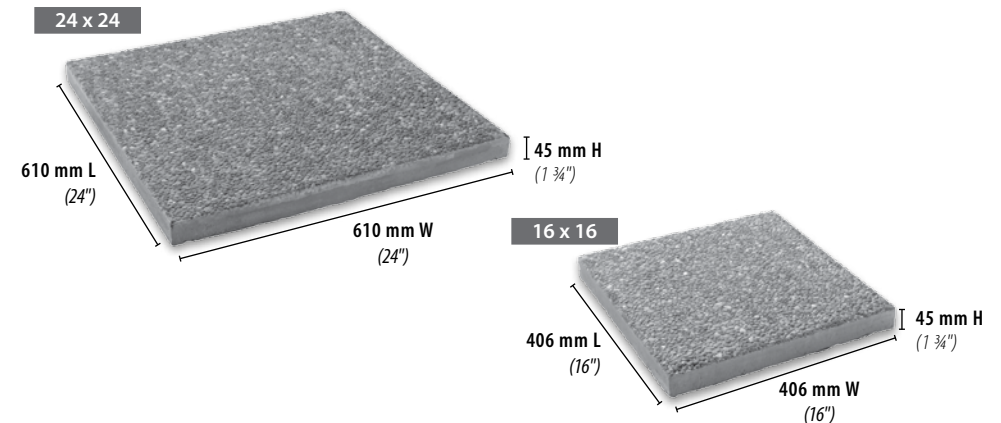
All **Weight per Pallet** noted above includes a 50 lb pallet weight.



Exposed Aggregate (p. 26)

	COVERAGE	PER PALLET	WEIGHT		
406 mm x 406 mm x 45 mm (16" x 16" x 1 3/4")	.17 m ² / pc (1.78 ft ² / pc)	84 pcs	13.89 m ² (149.5 ft ²)	18.15 kg / pc (40 lb / pc)	1,500 kg / pallet (3,300 lb / pallet)
610 mm x 610 mm x 45 mm (24" x 24" x 1 3/4")	.37 m ² / pc (4.0 ft ² / pc)	28 pcs	10.41 m ² (112.0 ft ²)	39.46 kg / pc (87 lb / pc)	1,134 kg / pallet (2,500 lb / pallet)

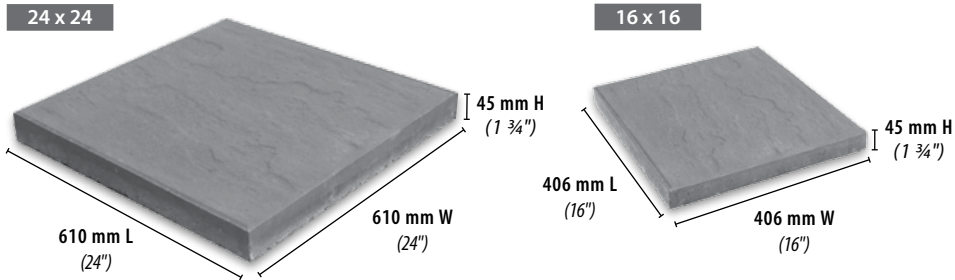
All **Weight per Pallet** noted above includes a 50 lb pallet weight.



Glacier Slate (p. 20)

	COVERAGE	PER PALLET		WEIGHT	
406 mm x 406 mm x 45 mm (16" x 16" x 1 3/4")	.17 m ² / pc (1.78 ft ² / pc)	84 pcs	13.89 m ² (149.5 ft ²)	18.15 kg / pc (40 lb / pc)	1,497 kg / pallet (3,300 lb / pallet)
610 mm x 610 mm x 45 mm (24" x 24" x 1 3/4")	.37 m ² / pc (4.0 ft ² / pc)	28 pcs	10.41 m ² (112.0 ft ²)	39.46 kg / pc (87 lb / pc)	1,134 kg / pallet (2,500 lb / pallet)

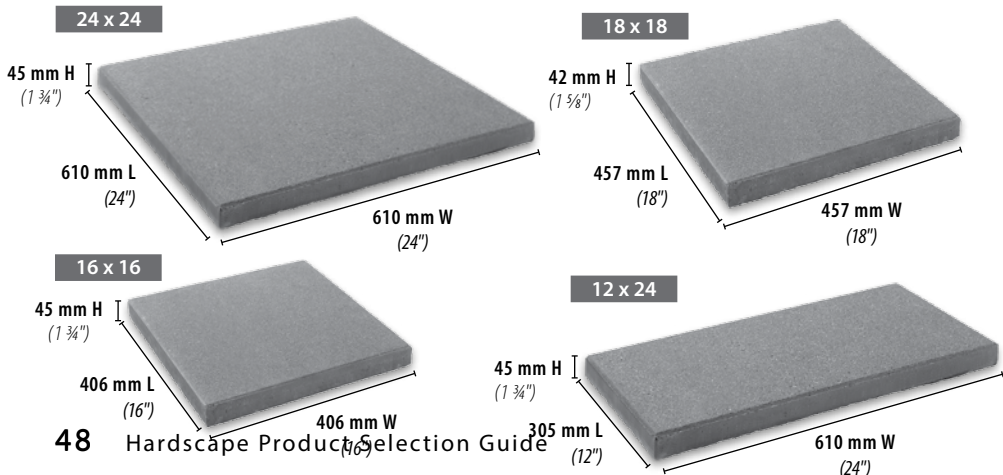
All **Weight per Pallet** noted above includes a 50 lb pallet weight.



Vancouver Bay (pp. 22-24)

	COVERAGE	PER PALLET		WEIGHT	
406 mm x 406 mm x 45 mm (16" x 16" x 1 3/4")	.17 m ² / pc (1.78 ft ² / pc)	84 pcs	13.89 m ² (149.5 ft ²)	18.15 kg / pc (40 lb / pc)	1,497 kg / pallet (3,300 lb / pallet)
457 mm x 457 mm x 42 mm (18" x 18" x 1 5/8")	.21 m ² / pc (2.25 ft ² / pc)	56 pcs	10.45 m ² (112.5 ft ²)	20.41 kg / pc (45 lb / pc)	1,249 kg / pallet (2,750 lb / pallet)
610 mm x 610 mm x 45 mm (24" x 24" x 1 3/4")	.37 m ² / pc (4.0 ft ² / pc)	28 pcs	10.41 m ² (112.0 ft ²)	39.46 kg / pc (87 lb / pc)	1,134 kg / pallet (2,500 lb / pallet)
305 mm x 610 mm x 45 mm (12" x 24" x 1 3/4")	.185 m ² / pc (2.0 ft ² / pc)	56	10.41 m ² (112.0 ft ²)	17.7 kg / pc (39 lb / pc)	989 kg / pallet (2,180 lb / pallet)

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

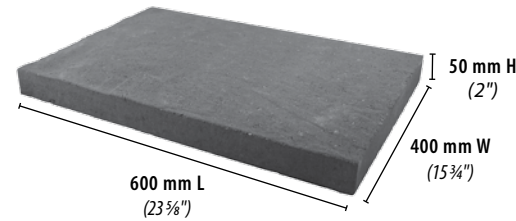


Columbia Slate (p. 21)

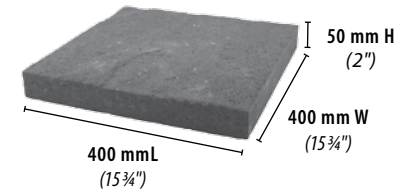
	COVERAGE	PER PALLET		WEIGHT	
200 mm x 400 mm x 50 mm (7 7/8" x 15 3/4" x 2")	12.5 m ² / pc (1.125 ft ² / pc)	168 pcs	18.15 m ² (199.33 ft ²)	8.2 kg / pc (18 lb / pc)	1,394.3 kg / pallet (3,074 lb / pallet)
400 mm x 400 mm x 50 mm (15 7/8" x 15 3/4" x 2")	6.25 m ² / pc (.58 ft ² / pc)	84 pcs	13.44 m ² (144.83 ft ²)	16.4 kg / pc (36 lb / pc)	1,394.3 kg / pallet (3,074 lb / pallet)
600 mm x 400 mm x 50 mm (23 3/8" x 15 3/4" x 2")	4.17 m ² / pc (.39 ft ² / pc)	56 pcs	13.33 m ² (143.6 ft ²)	27.2 kg / pc (60 lb / pc)	1,546.75 kg / pallet (3,410 lb / pallet)

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

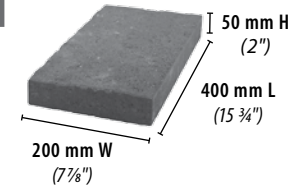
Large Rectangle



Square

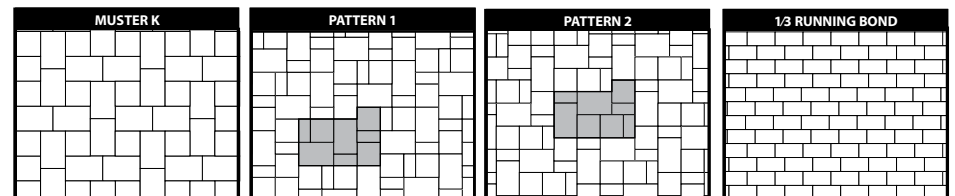


Rectangle



Installation patterns**

** Additional installation patterns are available at www.mutualmaterials.com



Roman Cypress™ (p. 30)

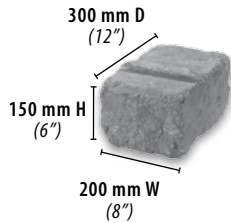
	Coverage	Units / Pallet	Coverage / Pallet	Weight / Piece	Weight / Pallet
Standard/Tapered Unit	32.3 pcs / m ² (3 pcs / ft ²)	72	1.85 m ² (20 ft ²)	45 lb (43 lb)	1,225 kg (3,024 lb)
Corner Unit	0.077 m ² / pc (1.2 ft ² / pc)	24	2.67 m ² (28.8 ft ²)	35 kg (77 lb)	838.2 kg (1,848 lb)
Revers-a-Cap*	4.92 pcs / ln m (1.5 pcs / ln ft)	120	22.9 ln m (75 ln ft)	10 kg (22 lb)	1,492 kg (3,290 lb)
12" Coping Unit	0.6 ln m / pc (2 ln ft / pc)	32	19.5 ln m (64 ln ft)	30 kg (66 lb)	966 kg (2,130 lb)

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

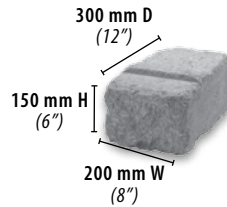
Maximum gravity wall height: 4'. Minimum radius: 8'. Please consult sales representative for maximum reinforced wall height.

* Coverage is for 8" faces only. If alternating 7" and 8" faces, there are 1.6 pcs / ln ft (5.25 pcs / ln m). Coverage per pallet is 60 ln ft (18.29 ln m). There are 24 end caps on each pallet.

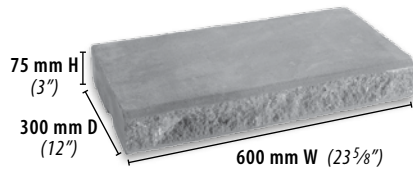
Standard Unit



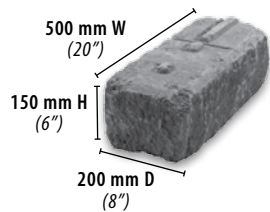
Tapered Unit



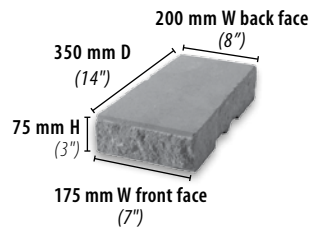
12" Coping Unit*



Corner Unit



ReversCap*



RomanStack® (p. 31)

	Coverage	Units / Pallet	Coverage per Pallet	Weight / Piece	Weight / Pallet
4 x 8 Wall Unit	48.42 or 55 pcs / m ² (4.5 or 5.1 pcs / ft ²)	168	3.1 or 2.7 m ² (33.3 or 29.4 ft)	8.2 kg (18 lb)	1,225 kg (2,856 lb)
4 x 8 Cap Unit	4.9 or 5.6 pcs / ln m (1.5 or 1.7 pcs / ln ft)	168	26.7 or 30.6 ln m (88 or 100 ln ft)	8.2 kg (18 lb)	1,225 kg (2,856 lb)
4 x 12 Wall Unit	32.3 pcs / m ² (3 pcs / ft ²)	126	3.9 m ² (42 ft ²)	11.8 kg / pc (26 lb / pc)	1,487 kg (3,276 lb)
4 x 12 Cap Unit	32.29 pcs / ln m (1 pcs / ln ft)	126	3.84 ln m (126 ln ft)	11.8 kg / pc (26 lb / pc)	1,487 kg (3,276 lb)
8 x 8 Jumbo Unit	24.22 pcs / m ² (2.25 pcs / ft ²)	96	3.95 m ² (42.67 ft ²)	14.5 kg / pc (32 lb / pc)	1,392 kg (3,072 lb)
90° Corner Unit		36		13 kg / pc (29 lb / pc)	472 kg (1,044 lb)

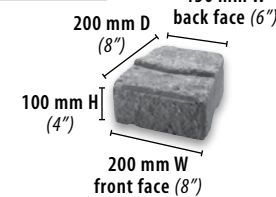
All **Weight per Pallet** noted above include a 50 lb pallet weight.

Maximum wall height: 2'. Minimum radius: 2' 4".

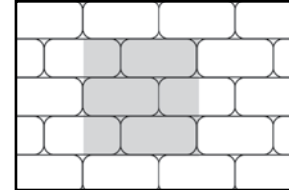
*« For walls built by alternating 6" and 8" faces, there are 55 pcs / m² (5.1 pc / ft²) and 2.7 m² (29.4 ft²) per pallet.

For walls built by alternating 6" and 8" faces, there are 5.6 pc / ln m (1.7 pc / ln ft) and 26.7 ln m (88 ln ft) per pallet.

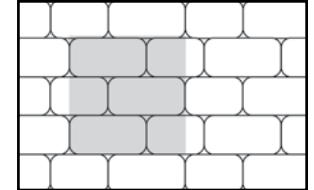
4 x 8 Unit



4 x 8 Cap Unit

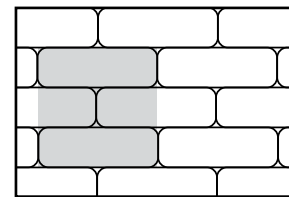
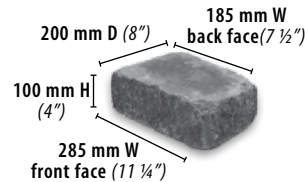


4 x 8 Units - 8" Faces

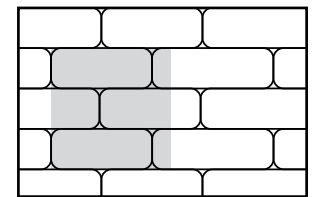


4 x 8 Units - Alternating 6" & 8" Faces

90° Corner Unit

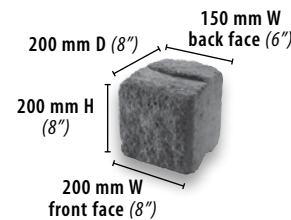


4 x 12 Units - 12" Faces

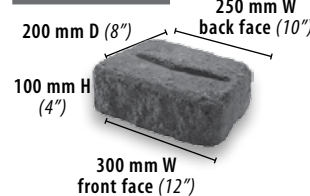


4 x 12 Units Alternating 10" & 12" Faces

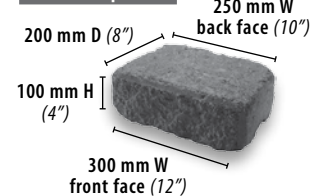
8 x 8 Jumbo Unit



4 x 12 Wall Unit



4 x 12 Cap Unit



StackStone® (p. 32)

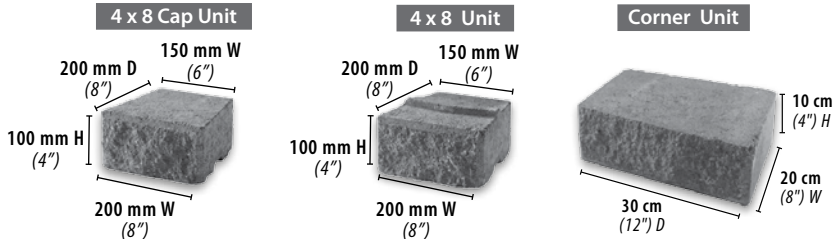
	Coverage*	Units / Pallet	Coverage* per Pallet	Weight / Piece	Weight / Pallet
Wall Unit	48.42 or 55 pcs / m ² (4.5 or 5.1 pcs / ft ²)	168	2.7 or 3.1 m ² (29.4 or 33.3 ft ²)	8.2 kg (18 lb)	1,225 kg (2,856 lb)
Cap Unit	4.9 or 5.6 pcs / ln m (1.5 or 1.7 pcs / ln ft)	168	26.7 or 30.6 ln m (88 or 100 ln ft)	8.2 kg (18 lb)	1,225 kg (2,856 lb)
90° Corner Unit		36		13 kg / pc (29 lb / pc)	472 kg (1044 lb)

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

Maximum wall height: 2'. Minimum radius: 2' 4".

*« For walls built by alternating 6" and 8" faces, there are 55 pcs / m² (5.1 pc / ft²) and 2.7 m² (29.4 ft²) per pallet.

For walls built by alternating 6" and 8" faces, there are 5.6 pc / ln m (1.7 pc / ln ft) and 26.7 ln m (88 ln ft) per pallet.

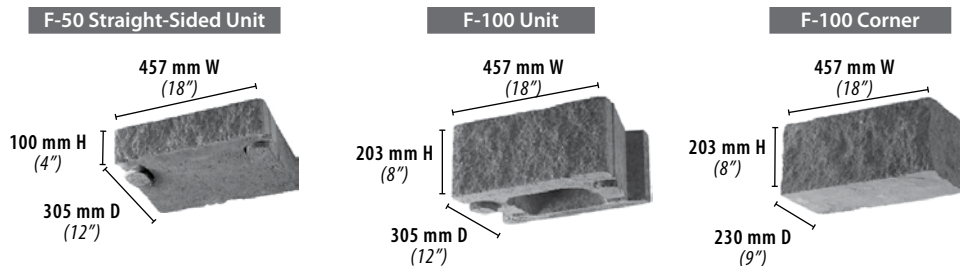


CornerStone® (p. 34)

	Coverage*	Units / Pallet	Coverage* per Pallet	Weight / Piece	Weight / Pallet
F-50 Cap	0.457 ln m / pc (1.5 ln ft / pc)	48	21.95 ln m (72 ln ft)	32 kg (71 lb)	1544 kg (3,413 lb)
F-100 Unit	10.76 pcs / m ² (1 pc / ft ²)	40	3.72 m ² (40 ft ²)	38 kg (84 lb)	1,520 kg (3,360 lb)
F-100 Corner	.093 m ² / pc (1.5 ft ² / pc)	40	3.72 m ² (40 ft ²)	44 kg (98 lb)	1,744 kg (3,920 lb)

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

Maximum wall height: Maximum gravity wall height: 4'. Without any surcharges. Maximum reinforced wall height: 30'. Minimum radius 3' 5".



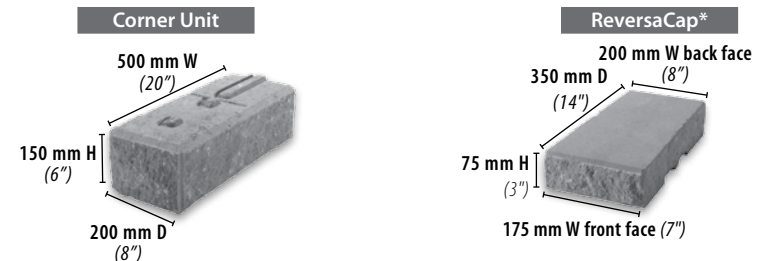
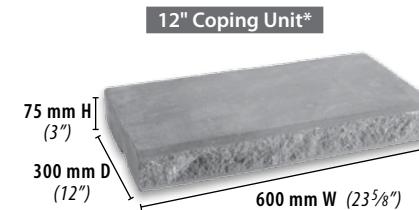
CypressStone™ (p. 33)

	Coverage	Units / Pallet	Coverage / Pallet	Weight / Piece	Weight / Pallet
Standard/ Tapered Unit	32.3 pcs / m ² (3 pcs / ft ²)	72	1.85 m ² (20 ft ²)	45 lb (43 lb)	1,225 kg (3,024 lb)
Corner Unit	0.077 m ² / pc (1.2 ft ² / pc)	24	2.7 m ² (28.8 ft ²)	35 kg (77 lb)	838 kg (1,848 lb)
Revers-a-Cap*	4.92 pcs / ln m (1.5 pcs / ln ft)	120	22.9 ln m (75 ln ft)	10 kg (22 lb)	1,492 kg (3,290 lb)
12" Coping Unit	0.6 ln m / pc (2 ln ft / pc)	32	19.5 ln m (64 ln ft)	30 kg (66 lb)	966 kg (2,130 lb)

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

Maximum gravity wall height: 4'. Minimum radius: 8'. Please consult sales representative for maximum reinforced wall height.

* Coverage is for 8" faces only. If alternating 7" and 8" faces, there are 1.6 pcs / ln ft (5.25 pcs / ln m). Coverage per pallet is 60 ln ft (18.29 ln m). There are 24 end caps on each pallet.



Round Stepping Stones

20" Round



5 cm
(2") H

51 cm (20") Diameter

Pcs. / Pallet: 50
Weight / Each: 47 lbs.
Weight / Pallet: 2,415 lbs.



Grey



Exposed
Aggregate

16" Round



5 cm
(2") H

41 cm (16") Diameter

Pcs. / Pallet: 80
Weight / Each: 29 lbs.
Weight / Pallet: 2,450 lbs.



Red



Grey



Exposed
Aggregate

12" Round



5 cm
(2") H

30 cm (12") Diameter

Pcs. / Pallet: 120
Weight / Each: 22 lbs.
Weight / Pallet: 2,000 lbs.



Red



Grey



Exposed
Aggregate

Luna Stepping Stones

20" Luna



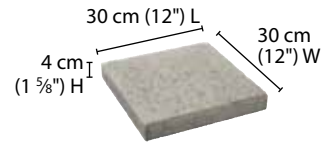
5 cm
(2") H

51 cm (20") Diameter

Pcs. / Pallet: 60
Weight / Each: 39 lbs.
Weight / Pallet: 2,395 lbs.

Square Stepping Stones

12" Square



4 cm
(1 5/8") H

30 cm (12") L

30 cm
(12") W

Sq. Ft. / Pc.: 1
Pcs. / Pallet: 120
Weight / Each: 22 lbs.
Weight / Pallet: 2,700 lbs.



Red



Grey



Exposed
Aggregate

Rectangular Stepping Stones

12" x 24" Step Stone



4.5 cm
(1 3/4") H

30 cm
(12") W

61 cm (24") L

Sq. Ft. / Pc.: 2
Pcs. / Pallet: 56
Weight / Each: 48 lbs.
Weight / Pallet: 2,180 lbs.



Grey



Exposed
Aggregate

Edgers

Edgestone



13 cm
(5") W

7.6 cm
(3") H

20 cm
(8") L

Pcs. / Lineal Ft.: 1.5
Pcs. / Pallet: 336
Weight / Each: 9 lbs.
Weight / Pallet: 3,050 lbs.

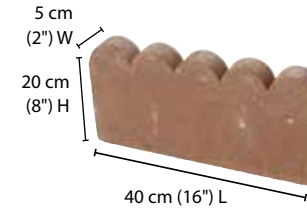


Red



Grey

Scalloped Edger



5 cm
(2") W

20 cm
(8") H

40 cm (16") L

Pcs. / Lineal Ft.: 0.75
Pcs. / Pallet: 180
Weight / Each: 18 lbs..
Weight / Pallet: 3,270 lbs.



Red

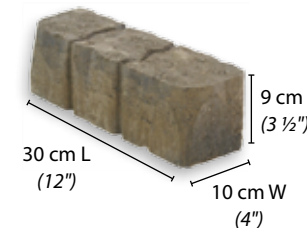


Grey



Exposed
Aggregate

Cobble Edger



30 cm L
(12")

9 cm H
(3 1/2")

10 cm W
(4")

Pcs. / Lineal Ft.: 1
Pcs. / Pallet: 224
Weight / Each: 13 lbs.
Weight / Pallet: 2,912 lbs.



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Above: Roman Dominion in Harvest Blend.
Cover: Dominion Slate patio in Harvest Blend.

C.G. 02/2016 XXXX