



**Paving Stone and Retaining Wall
Systems Made for the Northwest.**

westerninterlock.com



Built on a history of service.

From our beginning back in 1990, Western Interlock has been dedicated to providing our customers with a quality product and outstanding service. The journey begins in our production plant, where we have dedicated employees producing and sorting the products; while fine-tuning the process to give you the products that you deserve. Then we store and protect those products from the elements so that when they get to you, they are in good condition, ready to hit the ground and become part of your special project.

The second part of the journey is the people you meet along the way. Western Interlock's brand of customer service is not a department, it's an attitude. We have friendly and knowledgeable sales staff, yard personnel, and delivery drivers, many of whom have been with the company for years. Together we want your experience with us, our product, and your completed project to exceed your expectations.



Pedestrian Traffic



Light Vehicular Traffic



Not for Light Vehicular Traffic



Heavy Vehicular Traffic



Not for Heavy Vehicular Traffic



Suitable for ADA Traffic



OK to Compact Stones



Do Not Compact Stones



Walls Over 36" Require Engineering



Free-standing Garden Wall



Retaining Wall



Glue-together Construction



Yes, you CAN do it yourself!

We'll show you how.

Installing paving stones or retaining walls is not as difficult as you think. We've put together a series of articles and videos that are designed to equip you with the knowledge that you need to ensure that your project is a success.

To learn how you can DIY your hardscape project, visit:

DIYwithWI.com



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Half Holland & Granite Half Holland

PAVING STONES



Granite Stone



Alpine Stone

Leiden Cambridge Blend

Leiden Collection



SMOOTH

Introducing the Leiden Collection. We've had standard flat-top Arena Stone, Plaza Stone, Park Stone, Holland Stone, and Half Holland Stone for years. Did you know that they all module together? They do! You can lay them in any combination, but we really like them all together in a five stone, blended pattern. To make it easier to remember, we've decided to call this family of flat-top stones the Leiden Collection. You say that "Lie-den". The city of Leiden in the Netherlands was the birthplace of the De Stijl art movement which placed a high value on geometry and pattern, which fits perfectly with this family of stones and the patterns that you can create with it.



Leiden



Cambridge Blend



Jamestown Blend

**Arena**

301x301x60mm • 11.85x11.85x2.36"

**Plaza**

298x198x60mm • 11.73x7.80x2.36"

**Park**

198x198x60mm • 7.80x7.80x2.36"

**Holland**

198x98x60mm • 7.80x3.86x2.36"

**Half Holland**

98x98x60mm • 3.86x3.86x2.36"



Leiden Jamestown Blend



Leiden Cambridge Blend



Leiden Jamestown Blend



Leiden Jamestown Blend



Arena Stone Charcoal w/City Square Pewter

Arena Stone



SMOOTH

Arena Stone has a contemporary smooth, flat top with a beveled edge. It's large 12"x12" size covers a lot of surface area with ease. Arena Stone is part of the Leiden five-stone paver collection that also includes Park, Plaza, Holland and Half Holland stones. It also pairs really well with our 6"x6" City Square (*page 14*) in a 1:2 ratio for a beautiful linen pattern. You can mix and match to create the look you want for enduring appeal.



Arena Stone
301x301x60mm • 11.85x11.85x2.36"



Cambridge Blend



Jamestown Blend



Charcoal/Pewter



Desert Tan



Park & Plaza Stone Boston Blend

Park & Plaza Stone



SMOOTH

One of our perennial favorites, Park and Plaza Stone have a flat top with a beveled edge providing a measured contemporary look. With color combinations keyed to styles popular here in the Northwest, Park and Plaza Stone are sure to please. Park and Plaza stone are part of the Leiden five-stone paver collection that also includes Arena, Holland and Half Holland stones. You can mix and match to create the look you want for enduring appeal.



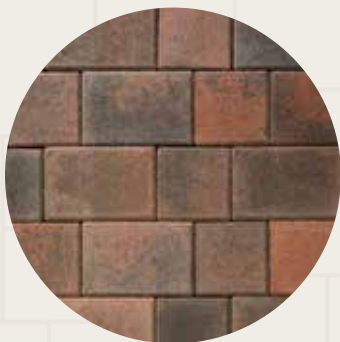
Park

198x198x60mm • 7.80x7.80x2.36"

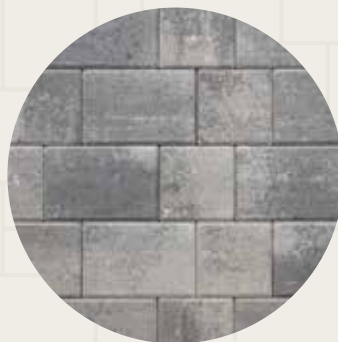


Plaza

298x198x60mm • 11.73x7.80x2.36"



Boston Blend



Cambridge Blend



Jamestown Blend



Willamette Blend



Holland Stone Charcoal w/Pewter Border

Holland & Half Holland Stone



SMOOTH

Holland Stone is a versatile classic. Its traditional rectangular brick shape can be used in historical and contemporary applications alike. Holland Stone's striking colors, available surfaces, and modular size allow it to be used in multiple design variations for almost any purpose. Holland and Half Holland Stone are part of the Leiden five-stone paver collection that also includes Arena, Park and Plaza stones.



DESIGN TIP: The vivid colors of the solid Holland Stones makes it an excellent accent stone for borders, headers or detail bands. Combine Holland Stone with any of our 60mm stones to add elegance and personality.



PRO TIP: Holland Stones are also available in a non-stock 80mm thickness, which is suitable for heavy commercial traffic.



Holland
198x98x60mm • 7.80x3.86x2.36"



Half Holland
98x98x60mm • 3.86x3.86x2.36"



Holland & Half Holland Roca Finish
(only stocked in Charcoal)



Boston Blend



Cambridge Blend



Jamestown Blend



Willamette Blend



Holland Stone Boston Blend



Half Holland Stone Charcoal & Pewter



Holland Stone Pewter & Western Red w/Charcoal border



Desert Tan



Western Red
(not stocked in Half Holland)



Charcoal/Pewter



Roca Charcoal



La Lastra™ Charcoal

La Lastra™

**SMOOTH**

Special installation procedure required.
See www.westerninterlock.com/installation_guide/slab-installation/

La Lastra™ is a three-piece paving stone family that all module off of a base of 18 and 24 inches. The flat surface, beveled edge and elegant proportions of these generously sized stones are perfect for use in social spaces. La Lastra™ brings unique size and a sleek, modern touch to our growing family of paving stones.



DESIGN TIP: For a visually varied layout, try using all three sizes of La Lastra™ laid in a random, irregular pattern. To achieve random patterns, make sure that four corners never come together. This will result in a pattern that is truly random.



DESIGN TIP: Large pavers can make the most of a small space. With fewer joint lines, larger slabs create an illusion that a space is bigger than it really is.

La Lastra



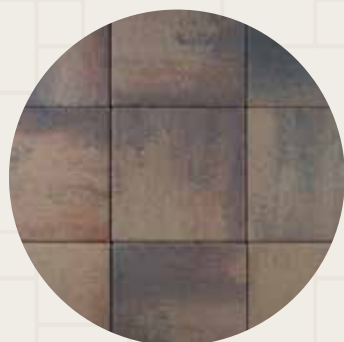
Large Square
606x606x50mm • 23.86x23.86x1.97"



Large Rectangle
606x453x50mm • 23.86x17.83x1.97"



Medium Square
453x453x50mm • 17.83x17.83x1.97"



Breitenbush Blend



Cambridge Blend





La Lastra™ Desert Tan



La Lastra™ Pewter



La Lastra™ Desert Tan

13 • PAVING STONES



Desert Tan



Pewter



Charcoal



City Square Pewter

City Square



SMOOTH

City Square is a contemporary flat top paver that is built off of a 6" module. It looks great alone or can be combined with Arena Stone (*page 8*) in a 1:2 ratio. Available in solid colors, City Square can also be used to make accent ribbons in conjunction with our Leiden Collection.

**City Square**

149x149x60mm • 5.87x5.87x2.36"

**Charcoal****Desert Tan****Pewter**



Holland Slimline Boston Blend

Holland Slimline



SMOOTH

The versatile shape of Holland is now available in a slimline profile. It is a great value alternative, as an option for overlays where height is a concern, or for use in pedestrian areas that will never see vehicular traffic. Holland Slimline also makes an excellent border for our Cobble Slimline.



Holland Slimline
198x98x40mm • 7.80x3.86x1.57"

15 • PAVING STONES



WARNING: Slimline stones are intended to be used for pedestrian traffic ONLY.



Boston Blend



Charcoal



Jamestown Blend



Pewter

Paving Stone and Retaining Wall Systems Made for the Northwest.



Cobble Park & Plaza Charleston

Cobble Park & Plaza Stone



COBBLED

Cobble Park and Plaza Stone have rounded edges with a flat top, giving them the look of a vintage European cobblestone street and a softer worn look than the tumbled Roca. They are available in a broad variety of colors and are part of a paver system that includes Cobble Park, Cobble Plaza, and Cobble Rotundo Stones. Using Cobble Park and Plaza, you can create a look with enduring appeal.



Cobble Park
198x198x60mm • 7.80x7.80x2.36"



Cobble Plaza
298x198x60mm • 11.73x7.80x2.36"



Cambridge Blend



Charcoal



Charleston Blend



Columbia Blend



Cobble Park & Plaza Cambridge Blend



Cobble Park & Plaza Jamestown Blend



Cobble Plaza Stone Jamestown Blend



Jamestown Blend



Pewter



Cobble Park & Plaza Columbia Blend



Camino Stone Jamestown Blend

Camino Stone

**COBBLED**

Camino Stone is available in three sizes, with a traditional cobble finish and many color choices that give this stone an exciting array of possibilities. Its old-world charm and vivid pattern combinations lend themselves well to beautiful project designs, making it one of our most popular stones.



DESIGN TIP: The Camino Stone Small Rec can be laid by itself as a great cobbled alternative to our Holland Stone. It also makes an interesting three stone pattern when laid with the other Camino Stones, as well as a complementary single, double or triple border.

**Large Rec**

238x158x60mm • 9.37x6.22x2.36"

**Square**

158x158x60mm • 6.22x6.22x2.36"

**Small Rec**

158x118x60mm • 6.22x4.65x2.36"

**Boston Blend****Britewood Blend****Cambridge Blend****Charcoal**



Camino Stone Custom Blend of Willamette & Britewood



Camino Stone Cambridge Blend



Camino Stone Columbia Blend



Columbia Blend



Jamestown Blend



Pewter



Willamette Blend



Cobble Rotundo Stone Jamestown Blend

Cobble Rotundo Stone



COBBLED

Cobble Rotundo Stone is a circle system that works as either a beautiful stand-alone circular patio or an intriguing inlaid pattern with other pavers. Cobble Rotundo Stone has an intriguing, slightly rippled cobblestone surface and comes in a variety of colors. Imagine all of the creative ways that this striking paver can be added to your landscape, whether it's a complete circle, curved steps or inlaid fans.



DESIGN TIP: Cobble Rotundo Stone is also available in a tumbled Roca finish. This is a non-stock, special order item and fees will apply.



Britewood Blend



Cambridge Blend



X-Small



Center



Small



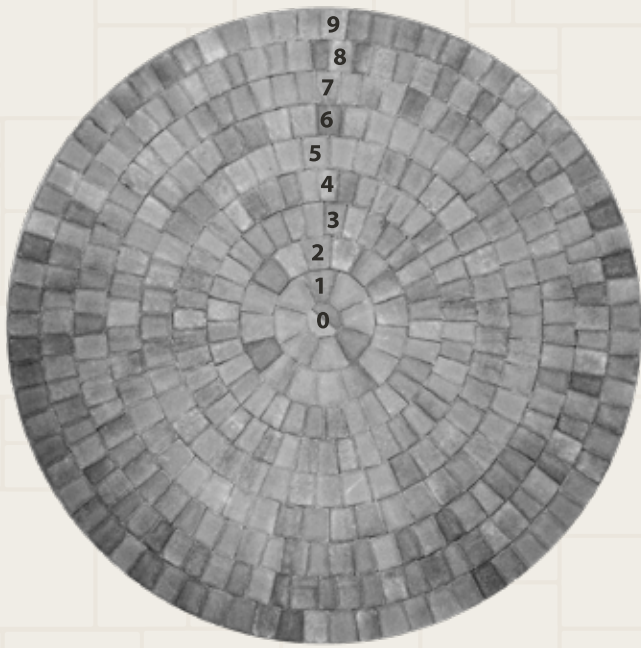
Medium



Large



Rectangle



12 LAYER CIRCLE KIT

Diameter	3.8m (12.5')
Area	11.34m ² (122.67 ft ²)
Circumference	11.93m (39.14')
Height	60mm (2.36')

LAYOUT OF LAYERS ON PALLET



1 Layer = 1 Center, 1 X-Small, 2 Small,
13 Medium, 11 Large, 9 Rectangle

NUMBER OF STONES NEEDED TO COMPLETE CIRCLE ROWS

Row	Stones Required	Diameter
Circle Row 0:	2 Center Stones	8" Diameter ¹
Circle Row 1:	8 X-Small Stones	23 5/8" (1.97') Diameter ²
Circle Row 2:	16 Small Stones	39 3/8" (3.28') Diameter ²
Circle Row 3:	32 Medium Stones	55 1/8" (4.59') Diameter ²
Circle Row 4:	43 Medium Stones	70 7/8" (5.91') Diameter ²
Circle Row 5:	40 Large Stones	86 5/8" (7.22') Diameter ²
Circle Row 6:	48 Large Stones	102 3/8" (8.53') Diameter ²
Circle Row 7:	33 Medium & 33 Rectangle	118 1/8" (9.84') Diameter ³
Circle Row 8:	38 Medium & 38 Rectangle	133 7/8" (11.16') Diameter ⁴
Circle Row 9:	37 Large & 37 Rectangle	149 5/8" (12.47') Diameter ⁴

¹ Requires 2 layers on pallet

³ Requires 9 layers on pallet

² Requires 8 layers on pallet

⁴ Requires 12 layers on pallet



Charleston Blend



Columbia Blend



Jamestown Blend



Willamette Blend



Cobble Slimline Jamestown Blend

Cobble Slimline

**COBBLED**

Cobble Slimline has a traditional soft-edged, old-world look. Its thinner profile is a great solution for overlays where height is a concern, or for areas which will never receive vehicular traffic. Cobble Slimline is an economical alternative to our regular paver line. Its two available sizes give it a myriad of pattern options.



Large Rec
208x138x40mm • 8.19x5.43x1.57"



Square
138x138x40mm • 5.43x5.43x1.57"



WARNING: Slimline stones are intended to be used for pedestrian traffic ONLY.



Charcoal (Large Rec only)



Cambridge Blend



Columbia Blend



Jamestown Blend



Cobble Slimline Jamestown Blend



Cobble Slimline Jamestown Blend



Cobble Slimline Columbia Blend



Cobble Slimline Jamestown Blend



Roca Camino Stone Columbia Blend

Roca Camino Stone

**RUSTIC**

Roca Camino Stone offers a unique surface treatment produced by individually tumbling the stones. The broken edge and ruggedly elegant profile of Roca Camino Stone are available in two colors. Available in three sizes, and capable of multiple pattern combinations, this stone is filled with old-world charm that lends itself well to beautiful designs.



PRO TIP: Roca stones are intended to be installed as shipped on the pallet. To ensure the desired look, do not turn the stones over when laying them.



Large Rec
238x158x60mm • 9.37x6.22x2.36"



Square
158x158x60mm • 6.22x6.22x2.36"



Small Rec
158x118x60mm • 6.22x4.65x2.36"



Columbia Blend



Jamestown Blend





Roca Camino Stone Columbia Blend



Roca Camino Stone Jamestown Blend



Roca Camino Stone Columbia Blend



Roca Camino Stone Jamestown Blend



Roca Park & Plaza Stone Columbia Blend

Roca Park & Roca Plaza Stone


RUSTIC

Roca Park and Roca Plaza Stone offer a unique surface treatment produced by individually tumbling the stones. Both shapes have a broken edge with ruggedly appealing looks and are available in an array of colors. By combining Roca Park and Roca Plaza with Roca Holland and Roca Half Holland stones, you can lay custom four stone blends to create interesting and unique designs.



PRO TIP: Roca stones are intended to be installed as shipped on the pallet. To ensure the desired look, do not turn the stones over when laying them.



Roca Park
198x198x60mm • 7.80x7.80x2.36"



Roca Plaza
298x198x60mm • 11.73x7.80x2.36"



Cambridge Blend



Columbia Blend



Jamestown Blend



Roca Park & Plaza Stone Jamestown Blend



Roca Park & Plaza Cambridge Blend



Roca Park, Plaza and Holland Stone Jamestown Blend



Roca Park & Plaza Columbia Blend



Alpine Stone™ Jamestown Blend Standard

Alpine Stone™



RUSTIC

TEXTURE

Alpine Stone™ is a family of rugged pavers that reproduce the character of the high mountains with a fractured surface and battered edges. Available in four sizes and two colors that complement our Tegula Garden Wall® and Chateau Wall™ especially well. With the Alpine Stone™, you can bring the look and feel of the mountain heights into the comfort of your own backyard.



PRO TIP: To prevent surface damage when compacting textured stones, use a protective pad between the plate compactor and the paving stones.



DESIGN TIP: Alpine Stone™ can be laid with the textured face down to become a thicker version of our roca pavers that is suitable for vehicular traffic. The four sizes along with the available circle system give you the option of a wider range of roca paver sizes.



Large Square
328x328x70mm • 12.91x12.91x2.76"



Large Rec
328x218x70mm • 12.91x8.58x2.76"



Medium Square
218x218x70mm • 8.58x8.58x2.76"



Small Rec
218x108x70mm • 8.58x4.25x2.76"
(Small Rec also stocked in Charcoal)



Columbia Blend

Shown in tumbled finish



Jamestown Blend

Shown in non-tumbled finish

Both colors available in either tumbled or non-tumbled finishes

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Western Interlock products are made from natural materials and due to variables in the photographic reproduction process, the actual color of the products may vary slightly. For a truly accurate representation, we invite you to stop by any of our retail facilities to see them in person.



Alpine Stone™ Jamestown Blend



Alpine Stone™ Columbia Blend Standard



Alpine Stone™ Jamestown Blend



Alpine Stone™ Jamestown Blend



Alpine Rotundo Stone™ Jamestown Blend Standard

Alpine Rotundo Stone™



RUSTIC

TEXTURE

Alpine Rotundo Stone™ is a rugged circle system that works either as a beautiful stand-alone circular patio or as an intriguing inlaid pattern with Alpine Stone™. Available in standard two colors, Alpine Rotundo Stone™ complements the weathered look of any of our tumbled pavers or wall blocks.



PRO TIP: To prevent surface damage when compacting textured stones, use a protective pad between the plate compactor and the paving stones.



DESIGN TIP: Alpine Stone™ can be laid with the textured face down to become a thicker version of our roca pavers that is suitable for vehicular traffic. The four sizes along with the available circle system give you the option of a wider range of roca paver sizes.



Columbia Blend



Jamestown Blend

Both colors available in either tumbled or non-tumbled finishes



Single Stone

332x310x236x70mm • 13.07x12.20x9.29x2.75"



Small

332x310x200x70mm • 13.07x12.20x7.87x2.75"



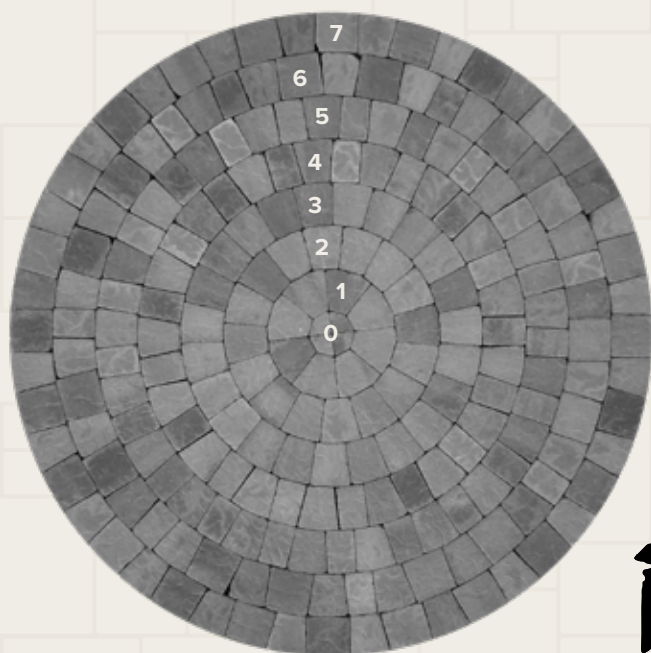
X-Small

360x320x150x70mm • 14.17x12.60x5.91x2.75"



Center

235x170x170x70mm • 9.25x6.69x6.69x2.75"



Large Square
328x328x70mm • 12.91x12.91x2.76"

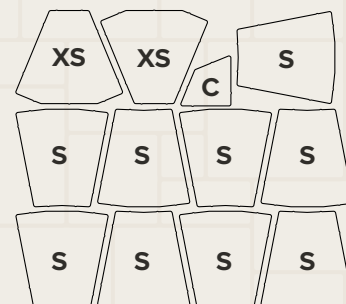


Large Rec
328x218x70mm • 12.91x8.58x2.76"

To complete a circle larger than 11.91', it is necessary to utilize part of the regular Alpine Stone™ family.



LAYOUT OF LAYERS ON PALLET



1 Layer = 1 Center, 2 X-Small, 9 Small

ALPINE ROTUNDO SPECS

Circle Row	Diameters
Circle Row 0	13" Dia.
Circle Row 1	39" (3.4') Dia.
Circle Row 2	65" (5.41') Dia.
Circle Row 3	91" (7.58') Dia.
Circle Row 4	117" (9.75') Dia.
Circle Row 5	143" (11.91') Dia.
Circle Row 6	169" (14.08') Dia.
Circle Row 7	195" (16.4') Dia.
Height	70mm (2.75 in.)

NUMBER OF STONES NEEDED TO COMPLETE CIRCLE ROWS

Stone Sizes	Row 0 ^a	Row 1 ^a	Row 2 ^a	Row 3 ^b	Row 4 ^b	Row 5 ^b	Row 6 ^b	Row 7 ^b
Center ^c	4							
X-Small ^c		8						
Small ^c			16		17			
Single Stone				23		21	22	24
Large Rec					17	21	8	
Large Square							14	24
Total Stones Needed	4	8	16	23	34	42	44	48

^a Requires 4 layers on pallet

^c These stones are not available individually

^b Requires 4 layers on pallet plus additional stones



Alpine Rotundo Stone™ Jamestown Blend



Granite Stone Jamestown Blend

Granite Stone



TEXTURE

With our Granite Stone pavers, our goal was to bring a rugged granite look to the comfort of your own backyard. In order to transfer the fine texture of the granite on to the paving stone, we digitized a piece of actual stone, copying its surface exactly. The resulting fine surface texture closely resembles the original stone but is less aggressive than our other textured stones, Alpine Stone™ and La Pietra™. Get the natural stone look you love, but in a uniform size and shape for easy laying.



PRO TIP: The fine detail on the surface of the stone is very susceptible to damage from compactors. To eliminate the possibility of surface damage, do not compact Granite Stone without the use of a protective pad.



Cambridge Blend



Charcoal

(not available in Granite Arena Stone)

**Granite Arena**

301x301x60mm • 11.85x11.85x2.36"

**Granite Plaza**

298x198x60mm • 11.73x7.80x2.36"

**Granite Park**

198x198x60mm • 7.80x7.80x2.36"

**Granite Holland**

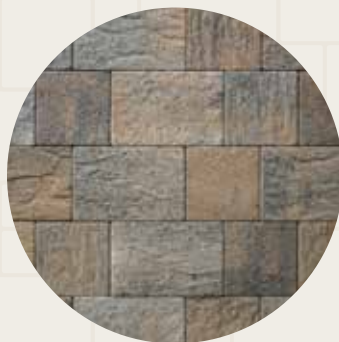
198x98x60mm • 7.80x3.86x2.36"

**Granite Half Holland**

98x98x60mm • 3.86x3.86x2.36"



Columbia Blend



Jamestown Blend



NW Slate Blend

La Pietra™ Columbia Blend

La Pietra™

**TEXTURE**

Special installation procedure required.
See www.westerninterlock.com/installation_guide/slab-installation/

La Pietra™ consists of five basic sizes that all module off of a base of 7, 14 and 21 inches. The rough surface treatment and generally larger sizes replicate the look of natural slab stone. We are excited to have the unique size and texture of La Pietra™ as another option in our growing family of paving stones.

La Pietra™



Breitenbush Blend



Cambridge Blend



Large Square (sold individually)
530x530x60mm • 20.87x20.87x2.36"



Large Rectangle*
530x352x60mm • 20.87x13.86x2.36"



Medium Square*
352x352x60mm • 13.86x13.86x2.36"

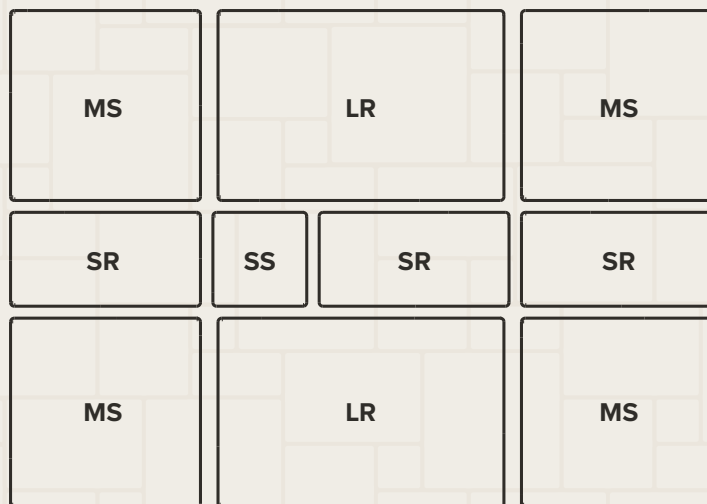


Small Rec*
352x174x60mm • 13.86x6.85x2.36"



Small Square*
174x174x60mm • 6.85x6.85x2.36"

*These stones sold only as part of the Quattro.
See diagram on page 23 for details.



La Pietra™ Quattro Layer on Pallet

*These stones sold only as part of the Quattro

1 Layer = 2 Large Rectangles, 4 Medium Squares, 3 Small Rectangles, 1 Small Square



Columbia Blend



Jamestown Blend





Camino Permeare

PERMEABLE PAVERS

Because rainwater infiltration is vital for the regeneration of groundwater and the health of vegetation, it is increasingly important that paving projects avoid sealing the earth. Permeable Pavers guarantee stability while allowing for penetration of rain and stormwater, relieving overburdened drain water systems and serving as an alternative to expensive sewer systems. With proper installation and maintenance, Permeable Pavers will not clog or seal off with dirt like porous concrete or asphalt pavements. Our wide range of Permeable Pavers suit any kind of project, be it residential or commercial.



PERMEABLE: Look for this logo to choose a Permeable Paver for your next job.





Camino Permeare Jamestown Blend

Camino Permeare



COBBLED



Special installation procedure required.
See www.westerninterlock.com/installation_guide/permeable-installation/

Camino Permeare combines a unique look that resembles the look of old European city streets, but with water permeable joints. It is visually similar to our popular Camino Stone family that also includes the standard Camino Stone as well as the Roca Camino Stone. Camino Permeare is 6.25% open on average.



DESIGN TIP: Camino Permeare can be used as a visually similar drainage option with our standard Camino Stones. They will *not* directly interface with standard Camino Stones.



PRO TIP: Permeable Pavers require a properly installed base for them to work properly.



Camino Permeare Large Rec
238x158x60mm • 9.37x6.22x2.36"
(5.8% open)



Camino Permeare Square
158x158x60mm • 6.22x6.22x2.36"
(6.7% open)



Cambridge Blend



Columbia Blend



Jamestown Blend

Holland Permeare Pewter

Holland Permeare



SMOOTH



Special installation procedure required.
See www.westerninterlock.com/installation_guide/permeable-installation/

Holland Permeare is a permeable twist on a versatile classic. Its traditional rectangular brick shape can be used in historical and contemporary applications alike. Holland Permeare's modular size allows it to be used directly with our Park Permeare.



Holland Permeare
198x98x60mm • 7.80x3.86x2.36"
(8.7% open)



DESIGN TIP: Holland Permeare and Park Permeare can be used as a visually similar drainage option with our standard Park, Plaza and Holland stones. They will *not* directly interface with standard Park, Plaza and Holland stones.



PRO TIP: Permeable Pavers require a properly installed base for them to work properly.



PRO TIP: Holland Permeare is also available in a non-stock 80mm thickness, which is suitable for heavy commercial traffic.



Columbia Blend



Jamestown Blend



Pewter





Park Permeare & Holland Permeare Jamestown Blend

Park Permeare



SMOOTH



Special installation procedure required.
See www.westerninterlock.com/installation_guide/permeable-installation/

Just like our standard Park Stones, Park Permeare have a flat top with a beveled edge providing a measured contemporary look. Park Permeare's modular size allows it to be used directly with our Holland Permeare.



Park Permeare
198x198x60mm • 7.80x7.80x2.36"
(5.9% open)



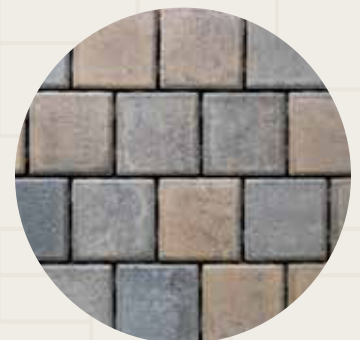
DESIGN TIP: Holland Permeare and Park Permeare can be used as a visually similar drainage option with our standard Park, Plaza and Holland stones. They will *not* directly interface with standard Park, Plaza and Holland stones.



PRO TIP: Permeable Pavers require a properly installed base for them to work properly.



Columbia Blend



Jamestown Blend

VS-5™ Drain Pave



! Special installation procedure required.
www.westerninterlock.com/installation_guide/permeable-installation/

VS-5™ Drain Pave offers a solid surface that is similar to a standard paving stone, while still maintaining an extremely high level of water drainage. Designed for vehicular traffic, it has a series of anti-shift grooves on the bottom of each stone. VS-5™ Drain Pave works well with 80mm Park and Holland Stones.

PRO TIP: Permeable Pavers require a properly installed base for them to work properly.



VS-5™ Drain Pave
198x198x88mm • 7.80x7.80x3.46"
(10% open)

40 • PERMEABLE PAVERS

Turf Stone



Preserving green space, reducing storm run-off and erosion control are the primary uses for Turf Stone. The stone is designed to provide 60% concrete surface with 40% open area. The open spaces, when filled, allow ample space for planting grass or similar ground cover. Turf Stone is perfect for the natural look of lawn with the hard wearing qualities of concrete.



Turf Stone
600x400x100mm • 23.62x15.75x3.94"
(40% open)

PRO TIP: Turf Stone is designed to be laid with the scored side facing up.





Murata™ Olympian Blend

RETAINING WALLS



Jumbo Nursery Stone™ Straight Face



Chateau Wall™



Chateau Wall™ Columbia Blend

Chateau Wall™



RUSTIC

! Special installation procedure required.
See pages 70-71 for more details.

Chateau Wall™ opens new horizons in free-standing garden wall and small retaining wall options. With its versatile modular sizing and glue together construction, Chateau Wall™ is an easy way to creatively enhance your outdoor spaces. Each individual block is treated to give it a hand-hewn old-world look that fits in with the natural Northwest landscape. Available in four sizes and several colors that coordinate well with all our pavers, Chateau Wall's options are endless.

! **WARNING:** Retaining walls over 36" require engineering from a certified engineer.



Breitenbush Blend



100
200x100x100mm • 7.87x3.94x3.94"



200
200x200x100mm • 7.87x7.87x3.94"



300
300x200x100mm • 11.81x7.87x3.94"



Bevel
196x198x136x100mm
7.72x7.80x5.35x3.94"



400
400x200x100mm • 15.75x7.87x3.94"



Chateau Wall™ Cambridge Blend



Chateau Wall™ Charcoal



Chateau Wall™ Columbia Blend



Cambridge Blend



Charcoal



Columbia Blend



Sandstone Blend



Chateau Diviso™ Olympian Blend

Chateau Diviso™



RUSTIC

TEXTURE



Special installation procedure required.
See pages 70-71 for more details.

Chateau Wall™ has been a perennial favorite since its inception in 2009. For Chateau Wall's 10th anniversary, we're pleased to announce the arrival of a new addition to the Chateau Wall™ line, Chateau Diviso™. The rough-hewn split face of Chateau Diviso™ adds a new level of texture to the lineup. Use as a stand-alone block or as an accent with regular Chateau Wall™. Mix it in randomly, or create ribbons of color and texture, your options are limitless. The beveled piece allows you to create curved features, while the corner blocks make columns and corners a snap. The optional cap allows you to finish off your project with a flourish.



WARNING: Retaining walls over 36" require engineering from a certified engineer.



Diviso 200

200x200x100mm • 7.87x7.87x3.94"



Diviso 200 Corner

200x200x100mm • 7.87x7.87x3.94"



Diviso 300

300x200x100mm • 11.81x7.87x3.94"



Diviso Bevel

297.7x198x200x100mm
11.72x7.80x7.87x3.94"



Diviso 400

400x200x100mm • 15.75x7.87x3.94"



Diviso 300 Corner

300x200x100mm • 11.81x7.87x3.94"



Chateau Diviso™ Olympian Blend



Chateau Diviso™ Cambridge Blend



Chateau Diviso™ Olympian Blend



Diviso Column Cap
600x600x80mm
23.62x23.62x3.15"



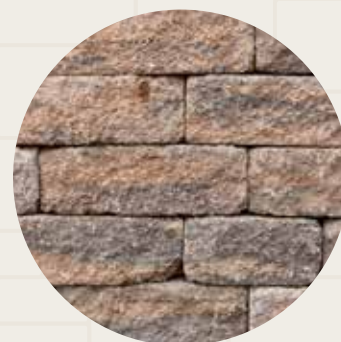
Diviso Cap
317.8x278x180.2x80mm
12.51x10.94x7.09x3.15"



Cambridge Blend



Charcoal



Olympian Blend



Murata Wall™ Olympian Blend

Murata™ Retaining Wall System



SMOOTH



Special installation procedure required.
For more details, see full brochure or go to muratawall.com

Murata™ is a modular retaining wall which utilizes a rear locating lip for easy assembly. It has a tight, crisp surface finish with strong straight lines and dramatic color blending. The complete system includes some unique corner blocks, which allow you to create columns and posts; along with a dedicated step and post caps. It's high PSI density gives it a high strength-to-weight ratio, as well as excellent color retention.



MURATA™
RETAINING WALL SYSTEM



Cambridge Blend



Olympian Blend



rear tab detail

MS4020 Standard
400x295x200mm • 15.75x11.61x7.87"



no rear tab

MV4020 Variable
400x295x200mm • 15.75x11.61x7.87"



MA4020 Angolo (sold as pair)
400x200x200mm • 15.75x7.87x7.87"

Murata™ Retaining Wall System from Western Interlock. (US Patents Pending)



ZERO WALL FAILURES

Western Interlock products are made from natural materials and due to variables in the photographic reproduction process, the actual color of the products may vary slightly. For a truly accurate representation, we invite you to stop by any of our retail facilities to see them in person.



Murata Wall™ Cambridge Blend



Murata Wall™ Cambridge Blend

Murata™ Cappello

Murata™ Cappello caps are designed to work with the Murata™ retaining wall system. However, they also make a beautiful cap for any of our other wall systems. For instance, Murata™ Cappello 600x600mm column cap fits perfectly on a 20" Chateau Wall™ column.

Wall Caps



MC4035 Cappello
400x350x80mm • 15.75x13.78x3.15"



MC8035 Cappello
800x350x80mm • 31.5x13.78x3.15"



MC7070 Cappello
700x700x80mm • 27.56x27.56x3.15"

Column Caps



MC6060 Cappello
600x600x80mm • 23.62x23.62x3.15"



Pewter



Charcoal
(only available in Murata™ Cappello)



Desert Tan
(only available in Murata™ Cappello)

Paving Stone and Retaining Wall Systems Made for the Northwest.



Tegula Garden Wall™ Sandstone Blend

Tegula Garden Wall™



RUSTIC



Special installation procedure required.
See pages 72-73 for more details.

Tegula Garden Wall™ features an old stone look that goes perfectly with the Northwest landscaping style. You can create a variety of free-standing garden walls or small set-back retaining walls, punctuated with optional columns for an attractive finishing touch. Tegula Garden Wall™ can be capped with our Roca Park Stone, Roca Plaza Stone, or Chateau Wall™ blocks.



WARNING: Retaining walls over 31" require engineering from a certified engineer.

**Rounded
Corners**

Tegula™ Bevel makes
tight radius corners
easier to build.



244x180x160mm • 9.61x7.09x6.30"



Bevel
177x190x127x160mm • 6.97x7.48x5x6.30"



Tegula™ Assembly Device



Cambridge Blend



Charcoal



Columbia Blend



Sandstone Blend



Tegula Garden Wall™ Cambridge Blend



Tegula Garden Wall™ Sandstone Blend



Tegula Garden Wall™ Columbia Blend



Tegula Garden Wall™ Columbia Blend



Jumbo Nursery Stone™ Straight Face Pewter

Nursery Stone™ & Jumbo Nursery Stone™

 **TEXTURE**  **Special installation procedure required.**
See pages 74-75 for more details.

The unique, reliable, Nursery Stone™ and Jumbo Nursery Stone™ are built to last. The block's natural, rough-hewn appearance and various size configurations allow you to create graceful curves. They are ideal for landscape walls, terrace walls, and meandering borders. Installation is enhanced by the lightweight blocks which are easy to handle.

Nursery Stone™ and Jumbo Nursery Stone™ are manufactured by Cement Products, Inc., Redmond, OR • www.cementproductsmfg.com

Nursery Stone™ is a licensed trademark of WestBlock Systems. Patent# D433,158

Jumbo Nursery Stone™ is a licensed trademark of WestBlock Systems. Patent# D433,158

 **WARNING:** Retaining walls over 36" require engineering from a certified engineer.



Charcoal



Columbia Blend



Jumbo Nursery Stone™
406x305x152mm • 15.98x12.01x5.98"



Jumbo Nursery™ Straight Face
406x305x152mm • 15.98x12.01x5.98"



Jumbo Nursery™ Step Block
406x305x152mm • 15.98x12.01x5.98"



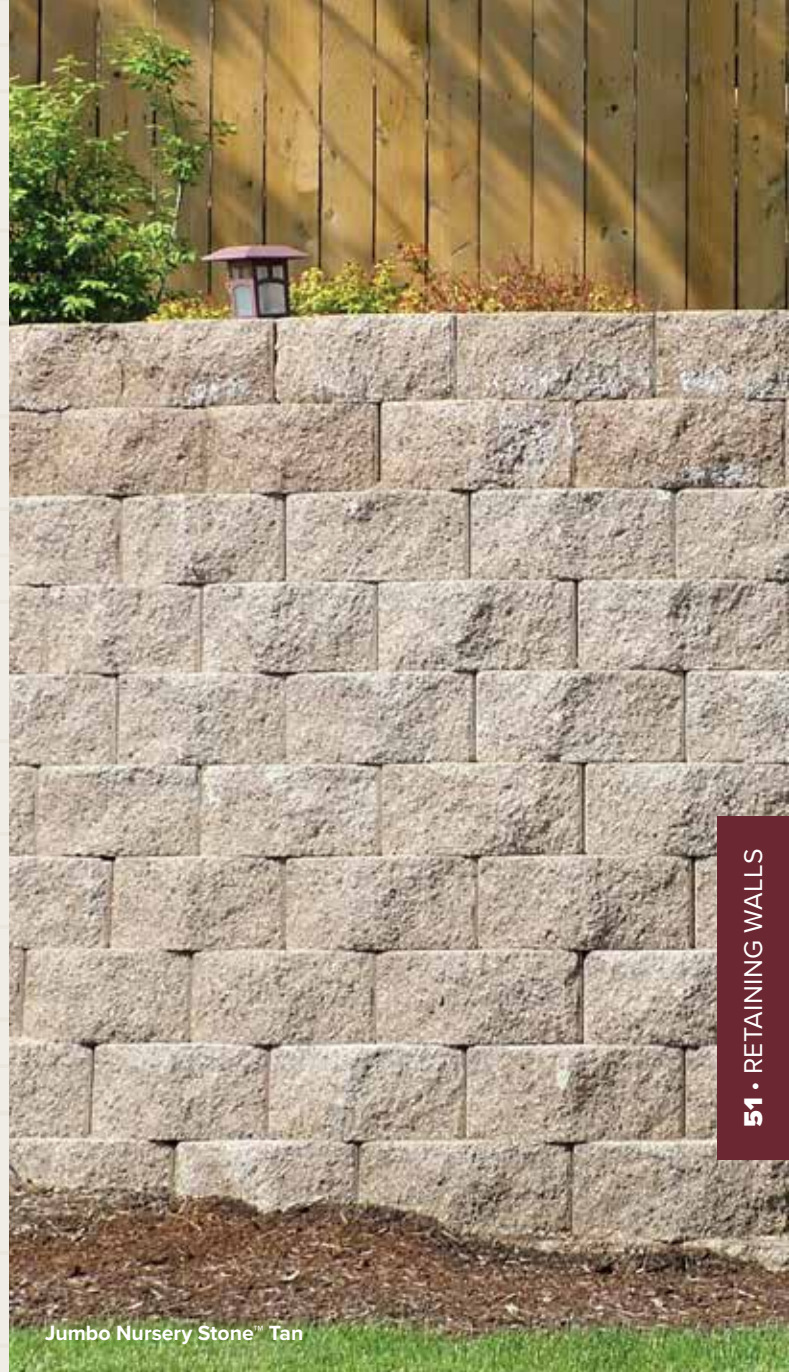
Jumbo Nursery™ Cap
457x330x76mm • 17.99x12.99x2.99"



Jumbo Nursery Stone™ Pewter w/Charcoal cap



Jumbo Nursery Stone™ Columbia Blend



Jumbo Nursery Stone™ Tan

51 • RETAINING WALLS



Nursery Stone™
304x203x101mm • 11.97x7.99x3.98"



Nursery™ Cap
330x228x76mm • 12.99x8.98x2.99"



Pewter



Tan

Paving Stone and Retaining Wall Systems Made for the Northwest.



FIREPITS & FIREPLACES



Deschutes Fireplace Kit w/woodbox Cambridge Blend





Chateau Wall™ Firepit Kit Charcoal

Tegula Garden Wall™ Fire Pit Kits



RUSTIC

Add some ambiance to your backyard setting and ward off the chill of cool evenings with one of our precut fire pit kits. Available in two sizes, a precut fire pit kit is sure to add some spark to your outdoor space all year long.



Tegula Garden Wall™ Small Firepit Kit
40" outside diameter*



Fire Pit & Fireplace Kits	Lbs/Kit
Fire Pit Chateau - Med. 50"	960
Fire Pit Tegula - Sm. 40"	1050
Deschutes Fireplace	5650
Deschutes Woodbox	1130
Rogue Fireplace	8400
Rogue Woodbox	1600

*Depending on installation, actual dimensions may vary



Chateau Wall™ Fire Pit Kit Charcoal

Chateau Wall™ Fire Pit Kit


RUSTIC

Enhance your outdoor living space with our small Deschutes fireplace. Choose from the five Chateau Wall™ colors for your kit. Fireplaces can be constructed in a weekend or less. Each kit comes complete with adhesives, fire brick, spark arrestor and Chateau™ blocks. Chateau Wall™ 50" fire pit kits are available in the same range of colors as our Chateau Wall™ block (page 42). Thorough instructions are provided with each kit for easy assembly!


Chateau Wall™ Medium Firepit Kit
 50" outside diameter


Chateau Wall™ Fire Pit Kit Columbia Blend




Custom Chateau Wall™ Fire Pit Kit Columbia Blend



Rogue Fireplace Kit Cambridge Blend (shown with optional woodboxes)

Chateau Diviso™ Fire Pit Kit

 **RUSTIC** **TEXTURE**

Chateau Wall™ firepits have always been popular. They’re the perfect way to add some ambiance to your backyard setting and ward off the chill of cool evenings. There’s a new addition to the firepit range, the Chateau Diviso™ 50” firepit. The rough-hewn split face of Chateau Diviso™ adds a new texture, and the four available colorways are sure to enhance your outdoor living area year round.



Chateau Diviso™ Firepit Kit
50” outside diameter*
(available with matching color or Charcoal cap layer)

55 • FIRE PIT KITS



**Cambridge Blend
w/Charcoal Cap**



**Cambridge Blend
w/Cambridge Cap**



**Olympian Blend
w/Olympian Cap**




**Olympian Blend
w/Charcoal Cap**



Deschutes Fireplace Kit Cambridge Blend (shown with optional woodbox)

Deschutes Fireplace Kit

 **RUSTIC**

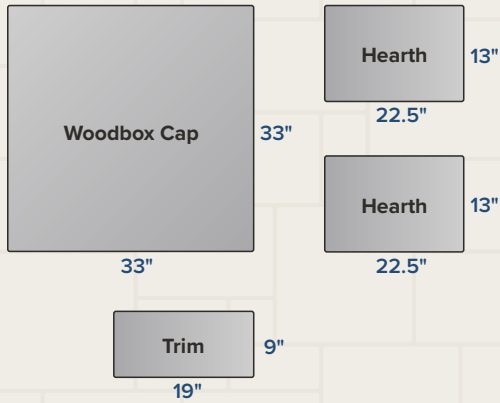
Enhance your outdoor living space with our small Deschutes fireplace. Choose from the five Chateau Wall™ colors for your kit. Fireplaces can be constructed in a weekend or less. Each kit comes complete with adhesives, fire brick, spark arrestor and Chateau™ blocks. Thorough instructions are provided with each kit for easy assembly!

DESCHUTES FIREPLACE KIT

- Chateau Wall™ 300mm
- Chateau Wall™ 200mm
- Chateau Wall™ 100mm
- SEK Surebond adhesives
- Permanent polymer shims
- Fire brick
- Deschutes Hearth
- Deschutes Trim (for firebox)
- Angle iron support
- Deschutes Chimney Cap

DESCHUTES WOODBOX KIT (optional)

- Chateau Wall™ 300mm
- Chateau Wall™ 200mm
- SEK Surebond glue
- Deschutes Woodbox Cap



Deschutes Fireplace Kit
42x44x80" (as shown)
75x44x80" (w/ woodbox)
Kit shown in Columbia Blend



Rogue Fireplace Kit Cambridge Blend (shown with optional woodboxes)

Rogue Fireplace Kit



RUSTIC

Go Rogue with our large fireplace kit with multiple woodbox options. Choose from the five Chateau Wall™ colors for your kit. Fireplaces can be constructed in a weekend or less. Each kit comes complete with adhesives, fire brick, spark arrestor and Chateau™ blocks. Thorough instructions are provided with each kit for easy assembly!

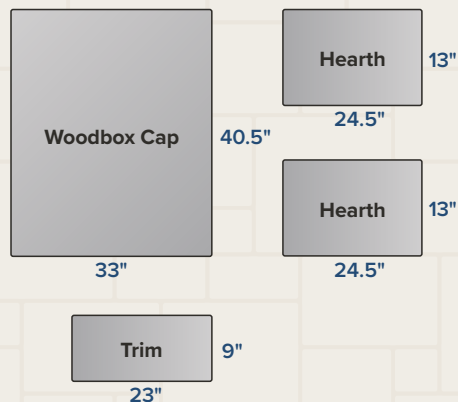
ROGUE FIREPLACE KIT

Chateau Wall™ 300mm
Chateau Wall™ 200mm
Chateau Wall™ 100mm
SEK Surebond glue
Permanent Polymer Shims
Fire Brick
Rogue Hearth
Rogue Trim (for firebox)
Angle Iron Support
Rogue Chimney Cap

ROGUE WOODBOX KIT

(optional)

Chateau Wall™ 300mm
Chateau Wall™ 200mm
SEK Surebond glue
Deschutes Woodbox Cap



Rogue Fireplace Kit
110x51x88" (as shown)
47x51x88" (w/o woodboxes)
Kit shown in Breitenbush Blend



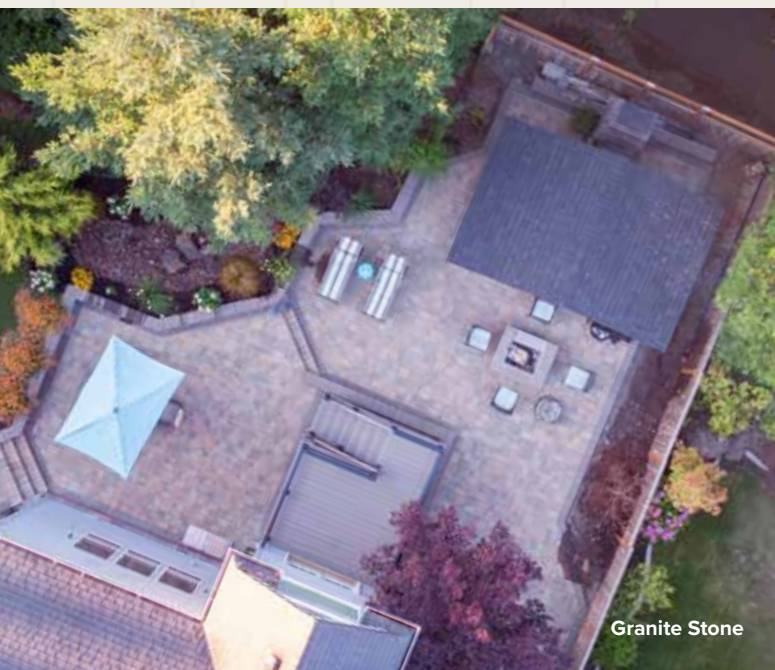
INSPIRATION GALLERY



Villa Stone Cambridge Blend (non-stock)











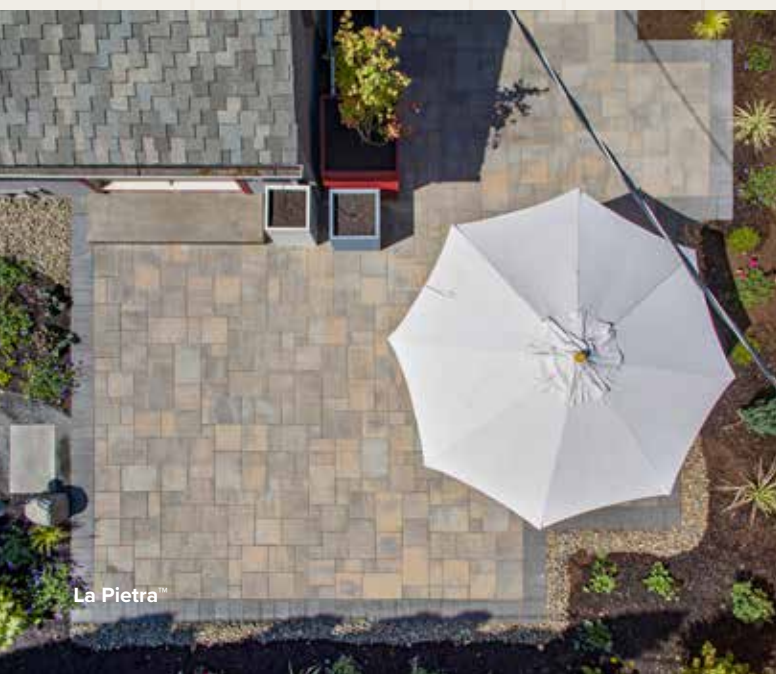
La Pietra™



Granite Stone Breitenbush Blend (non-stock)







La Pietra™



Camino Permeare



Camino Stone



Paving Stone Installation

Western Interlock paving stones are easily installed by homeowners. No prior experience is needed, just careful work and attention to detail. The following list of tools will make your project possible and enable you to create the long lasting results you desire:

- Shovel
- Rubber Mallet
- Stakes
- String Line
- Hand Tamper
- Plate Compactor
- 6' Level, laser level or transit

MATERIALS NEEDED:

Gravel base: $\frac{3}{4}$ " minus crushed rock; typically 4"-6" of compacted base should be used for light vehicular and pedestrian traffic, or 6"-12" for heavy vehicular or industrial traffic. When using a 4" base, 1 yard of gravel will cover 80 square feet.

Bedding Sand: Coarse concrete sand is recommended. A uniform depth of 1" of sand is recommended. 1 yard of sand covers 200 square feet.

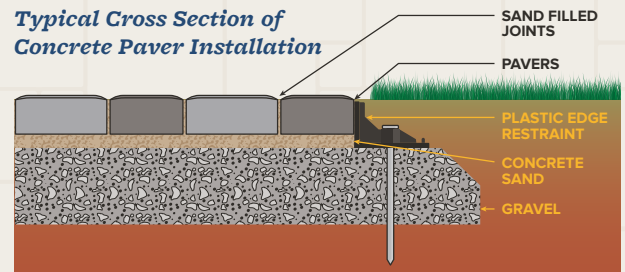
Pavers: Determine the total square footage of your project (length x width = square feet) adding 5-10% for cuts and extra pavers that might be needed later. To estimate the number of pieces you will need, multiply the square footage by the pieces per square foot. (Square foot x Pieces per square foot = Total number of pavers needed) You can find the data on pages 78-79.

Edge Restraint: All exposed edges (not up against a permanent structure) must be restrained. Measure the linear feet of all exposed edges to determine the amount of edge restraint needed.

INSTALLATION:

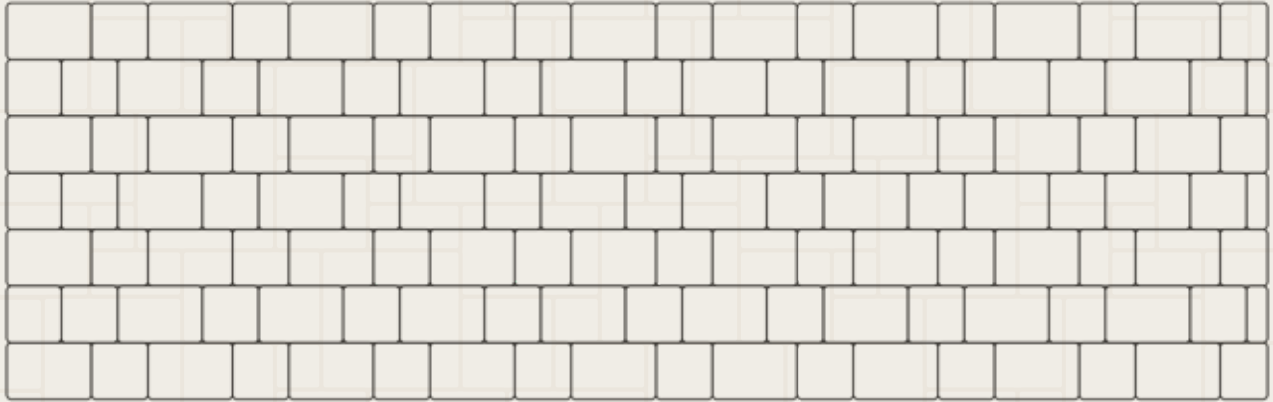
1. Measure and stake the desired area you intend to pave. Mark the outline of your project with stakes every 4-6" and at each corner; these stakes should be 6" outside of the edge of the planned area. Tie a string line at the level you want your finished project height.
2. Excavate 4"-6" beyond finished size, remove any loose dirt or sod to a minimum of 5"-6" below the finished grade (8" or more for vehicular traffic). This makes room for 3"-6" of compacted gravel, 1" of sand and 2 $\frac{3}{8}$ " paving stones. The more time and effort you put into your base preparation, the better your paving stone project will look.
3. Compact sub-grade, backfill with crushed $\frac{3}{4}$ " minus aggregate and compact again. Slope and grade are important for proper drainage. Assure a minimum of $\frac{1}{4}$ " per foot drop, not to exceed $\frac{1}{2}$ " per foot. When finished with the base, it should be smooth and flat and reflect the final grade of your pavers.
4. Lay screed rails (1" outside diameter pipe or square tube) as guides, spread sand between rails and then use a straight wood 2" x 4" crossway to spread sand smooth and level to an even 1" depth. Remove the rails and fill in the voids left by the guides with sand and trowel smooth by hand or with the backside of a push broom. Don't walk on or compact the sand.
5. Determine your laying pattern. Starting in a square corner with a permanent edge, lay paving stones down lightly on the sand bed. Install rows of pavers checking with a string line every 4 feet or so, across the front of the laying edge to maintain a straight line. Stones may be marked with a wax crayon, and cut with a diamond blade wet saw (recommended), a diamond blade for a skill saw or a stone splitter. Try to keep cut pieces along the edges to a size of at least half of a full-size paving stone.
6. Install plastic edge restraint (or similar product) along edges that are not up against a permanent structure. Edge restraint should rest on the compacted aggregate base and contain the sand and maintain the position of the paving stone.
7. Sweep pavers clean prior to compacting. Using a vibratory plate compactor, set the stones into the sand base. Start along the outside edge and work toward the center. This will level your paving stone project.
8. After compacting, sweep paver joints full of concrete sand and compact again.

Typical Cross Section of Concrete Paver Installation



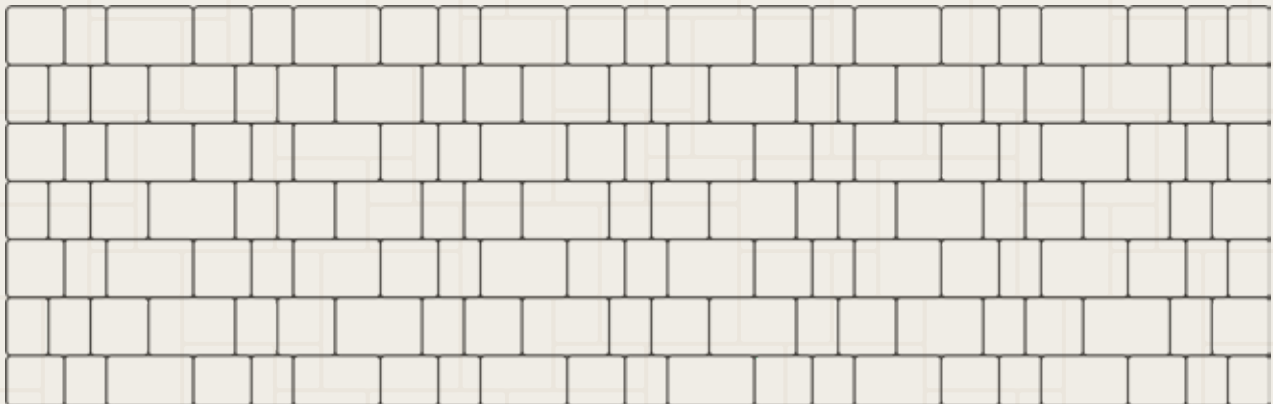
Installation Patterns

There are many patterns that you can use in the installation of paving stones. We have provided some basic patterns below. Keep in mind that many of the paving stone families have multiple stone sizes that module together, expanding your creative options. Patterns are for design inspiration only. Any percentages listed are approximate. The installer is responsible to calculate and purchase the correct amount of material.



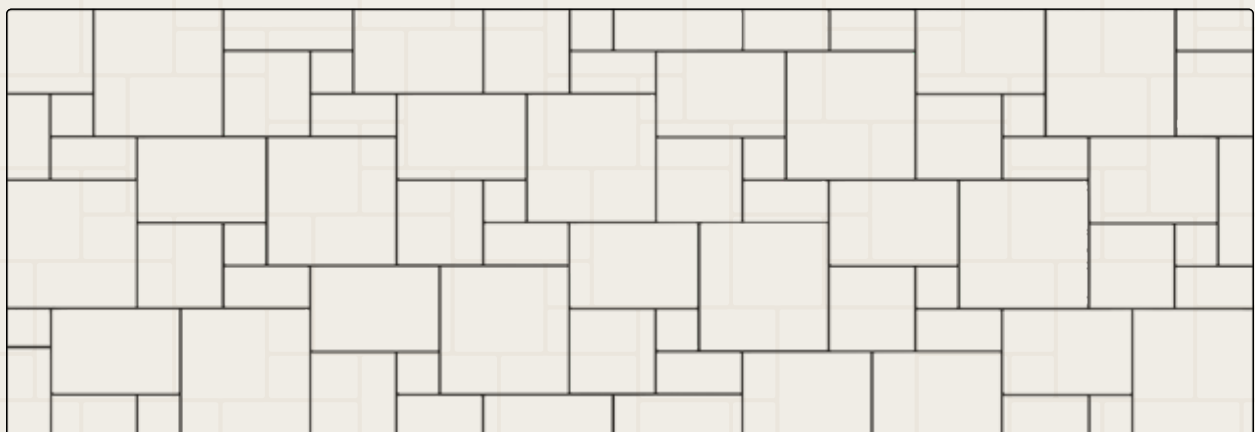
Two Stone Step Running Bond:

Works with any stone that has more than one size it can module with (*typical ratio 60% rectangles, 40% squares*)



Three Stone Step Running Bond:

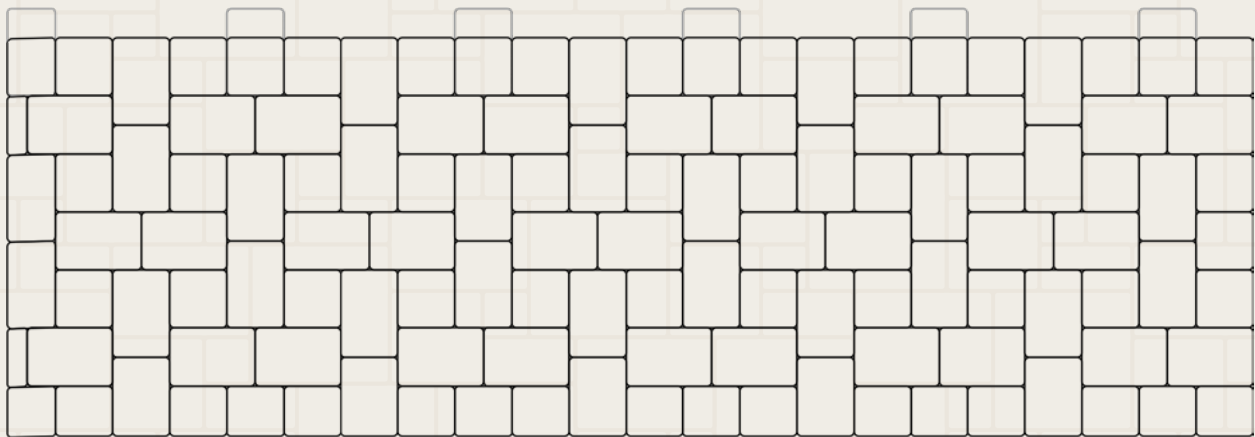
Works with any stone that has more than two sizes it can module with
(*typical ratio 46% large rectangles, 31% squares, 23% small recs*)



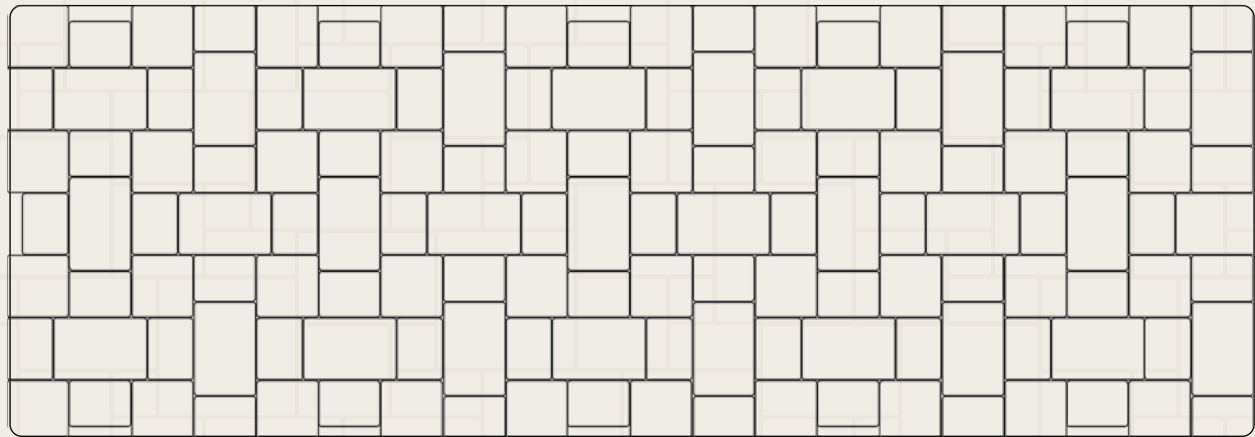
Five Stone Pattern:

Works with Granite and Standard finish stones. *43% Arena, 32% Plaza, 16% Park, 8% Holland, 4% Half Holland*

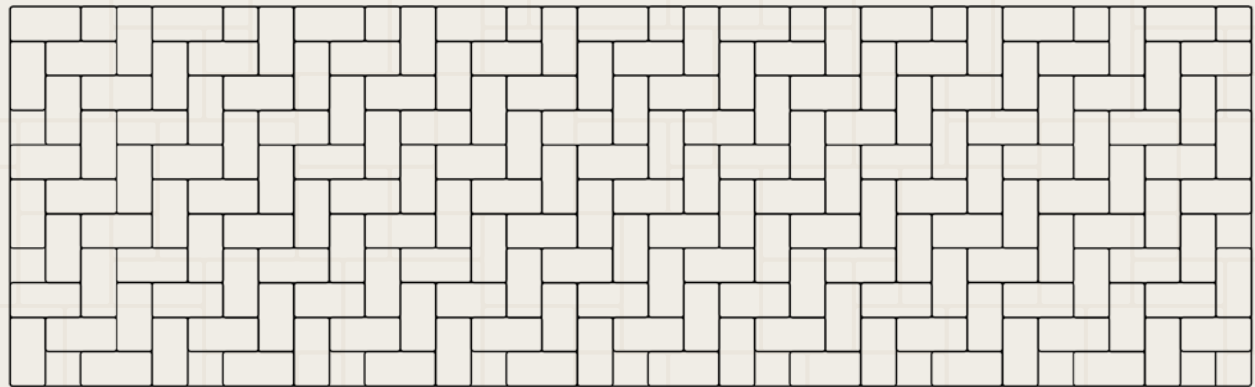
Installation Patterns



Muster K (I pattern):
Works with any stone that has a rectangle and square module units (*typical ratio 73% rectangles, 27% squares*)

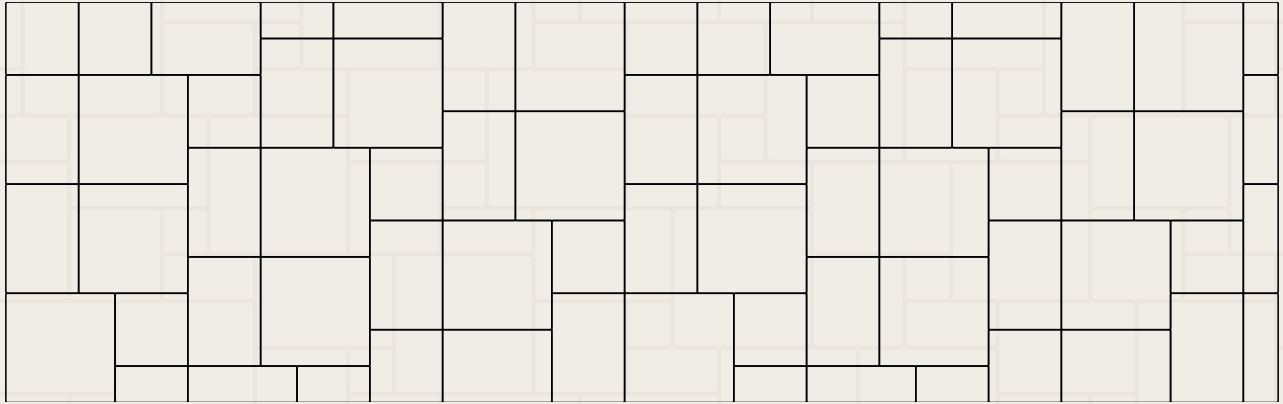


Three Stone I Pattern:
Works with Camino Stones
(*37% large rectangles, 27% squares, 36% small rectangles*)



Herringbone 90 Degree:
Works with any rectangle stone (*100% one stone*)

Installation Patterns

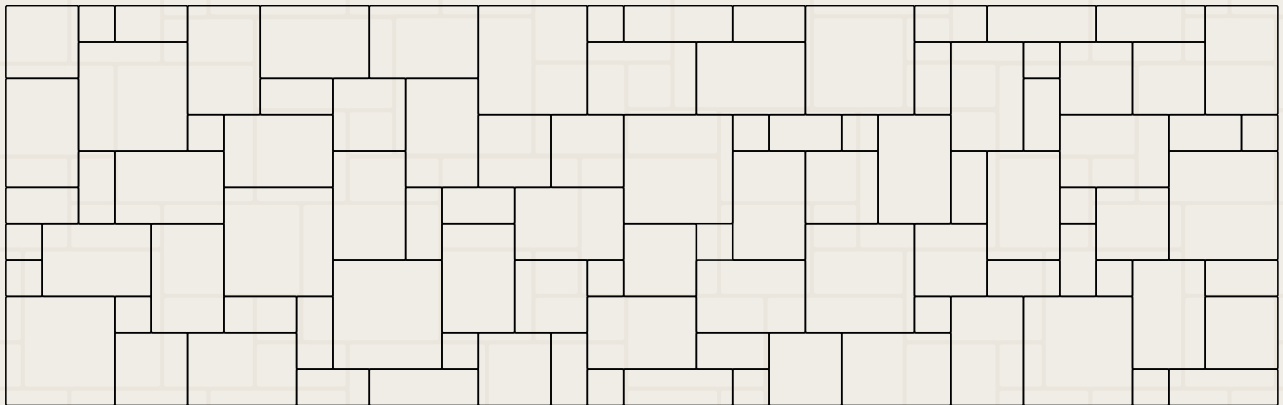


Three Stone Pattern:

Works with Arena, Park & Plaza Stone (granite or flat top finish) (47% Arena, 21% Park, 32% Plaza)

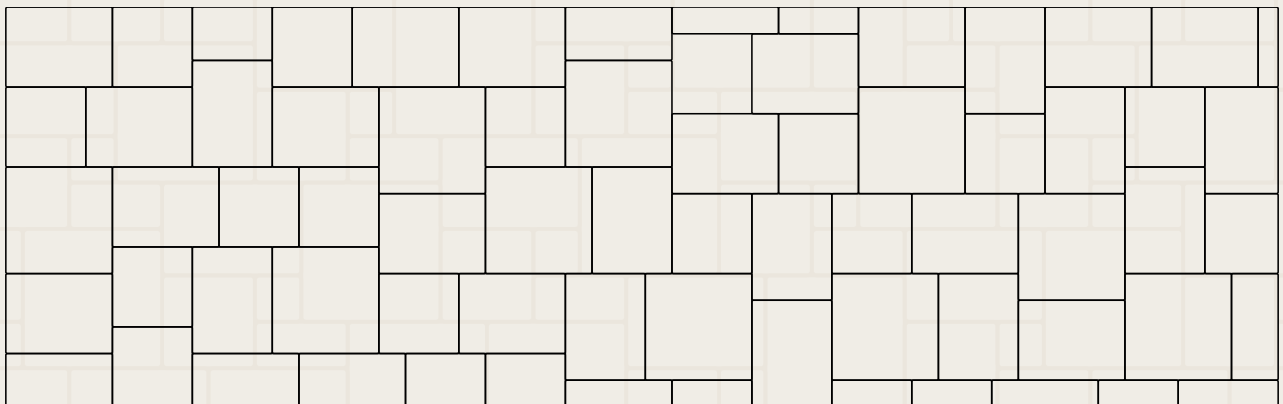
Random Layouts

The secret to laying a truly random pattern is to never let four corners come together. If you end up with four corners meeting, simply swap out one of the stones for a stone with a different shape.



Five Stone Random Layout:

Works with any stone combination that has five sizes that module together (*La Pietra™* shown - ratios will vary)

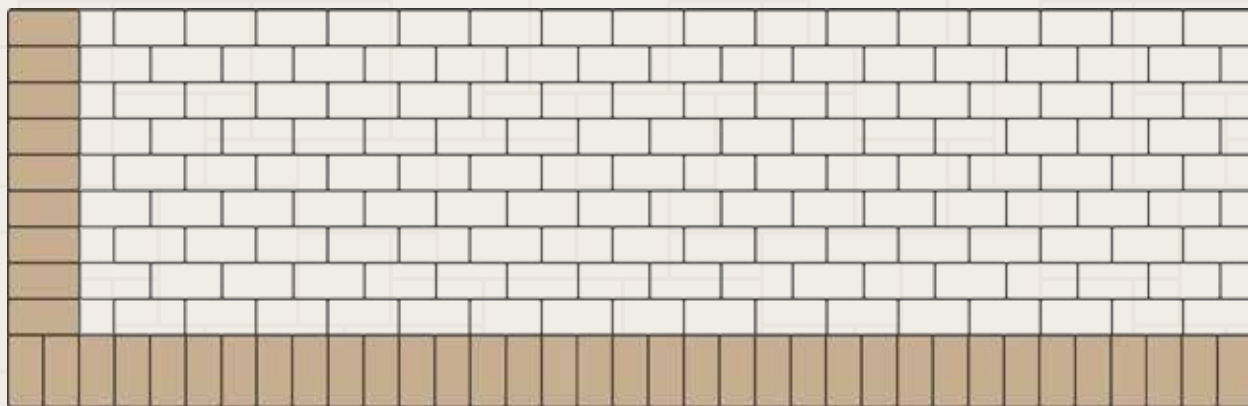


Three Stone Random Layout:

Works with any stone combination that has three sizes that module together (*La Lastra™* shown - ratios will vary)

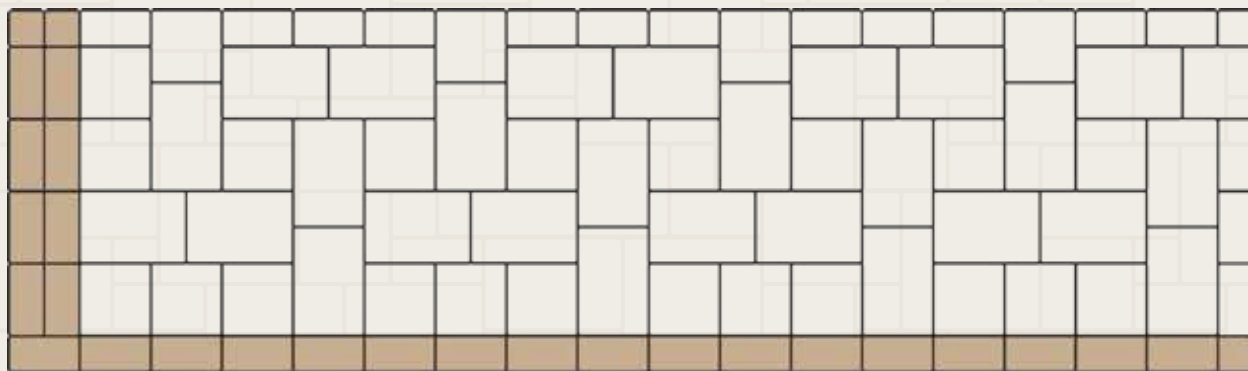
Border Patterns

Borders are suitable for a creative, decorative addition around the perimeter of any paving stone project. Borders can be the same color as the field stones, or a contrasting color. Borders are also practical additions for containing cut pieces around the edge of a project. All styles of stone may be used for any border, although some combinations may require more cutting than others. Border patterns can also be used to create contrasting ribbons within a paving stone project to define and/or punctuate a feature.



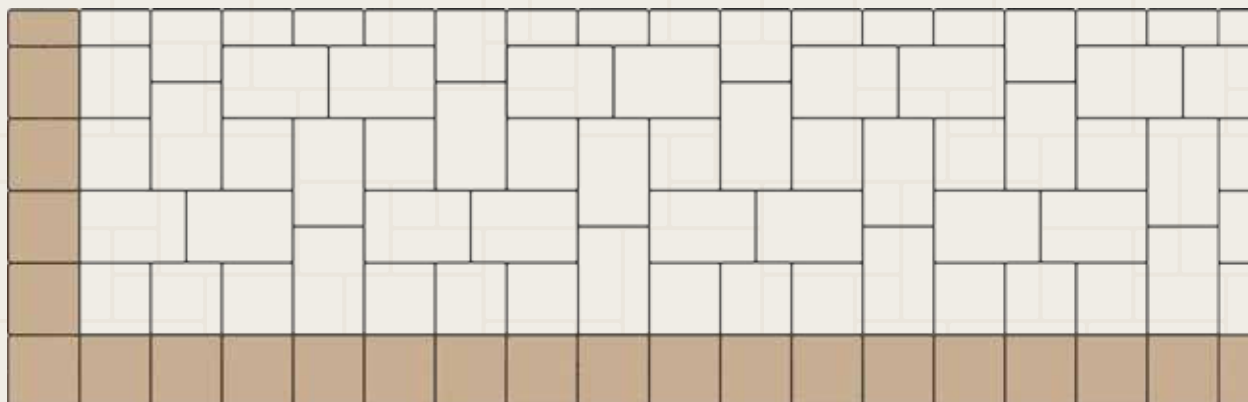
Soldier Course:

This border is achievable with any rectangle stone like Holland, Plaza, Camino Large Rec and Camino Small Rec.



Sailor Course (shown with Double Sailor Course on the left):

This border is achievable with any rectangle stone like Holland, Plaza, Camino Large Rec and Camino Small Rec.



Square Stone Border:

This border is achievable with any square stone like City Square, Camino Square or Park.



Chateau Wall™ Installation

Chateau Wall™ is an easy to use wall system that utilizes four different sized units which can be used individually or in combination. This unique product can be used for retaining walls, fences, columns and steps to produce a very unique satisfying project.

BASIC GRAVITY WALL INSTALLATION:

Planning Your Project

Prepare a layout for your Chateau Wall™ project on paper. Projects that retain soil and are over 32" high should be engineered. Determine the face square feet of wall and any columns you will have. When calculating wall face square footage, remember that you will have at least the first layer of block buried below the finished soil grade. Decide which block sizes you want to use, and then calculate the quantity of each product size you need. Also consider the type of caps you would like to use. Mark out on the ground the parameters of the project. Use a string line to lay out long straight areas of the project, and to help with curves, use a garden hose or PVC pipe.

1. Preparing the Base

Excavate the soil 10"-12" below grade and at least 4" wider on each side than the blocks you are laying. Refer to the installation diagrams for details and better understanding on varied types of projects. With unstable soils, increase the depth of excavation as required to allow for a deeper base. Place ODOT ¾"-0 gravel into the excavation area to a minimum depth of 6" and level it. Next, compact the gravel with a hand tamper or plate compactor. Make sure that you have a minimum of 12" of excavation behind the wall for gravel back fill. This may need to be increased, depending on soil type.

2. Positioning the Bottom Course

Set the bottom course of block at the desired position on top of the prepared gravel. Using a large rubber mallet and a level, adjust the block until it is level, end to end, and front to back. Set the adjacent blocks in the same manner, using a string line or a level to keep long runs straight and flat.

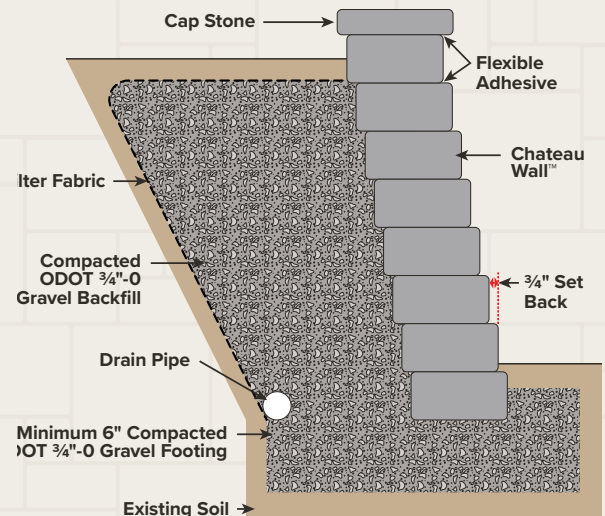
Building and Backfilling

Place two ¾" beads of Western Interlock approved flexible construction adhesive on top of the base course. Set the next course of block on top of the adhesive, offsetting the joints between the blocks on each consecutive course, and continue in this manner along the entire length of the wall. Retaining walls require a set back of ¾" per course to obtain the necessary set back angle. Accomplish this by using a square ¾" piece of wood or a tape measure to

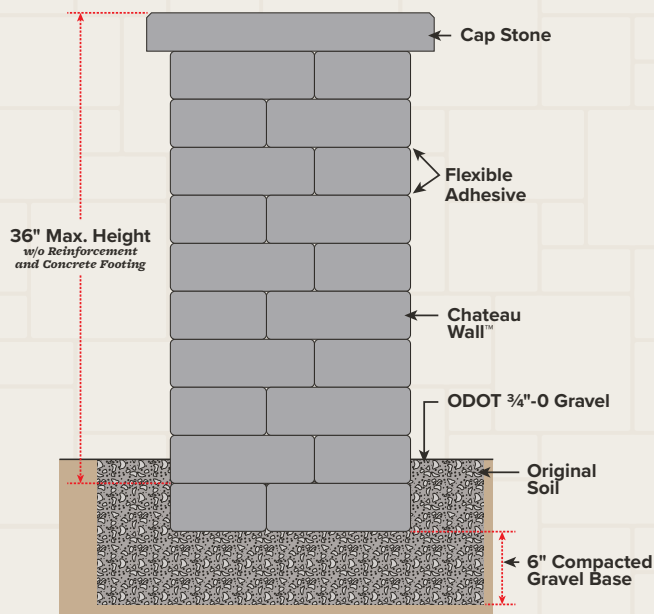
space each block back the required amount. Continue this process one layer at a time until the desired height is obtained. Retaining walls require backfill of ODOT ¾"-0 gravel to within 6" of the finish height. Backfill and compact behind each course as the wall is built. Use a masonry saw to make any necessary cuts.

3. Finishing the Wall

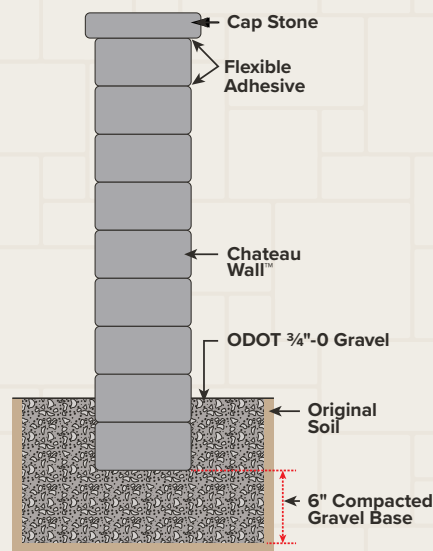
The Chateau Wall™ does not require a separate cap. However, depending on the look desired, there are several options available. Any of the Western Interlock paving stones that have a width of 8" or more can be used, as well as Chateau Wall™ 300s turned sideways. If a cleaner look is what you want, Murata™ Cappello make perfect caps for Chateau Wall™. Large Murata™ Cappello post caps for columns are also available, along with precast textured post caps.



Battered Gravity Retaining Wall

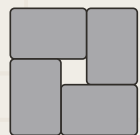


Free-standing 20" Column

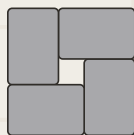


Non-Retaining Vertical Wall

Four Block 300s 20" Column

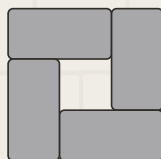


First Layer

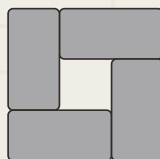


Second Layer

Four Block 400s 24" Column

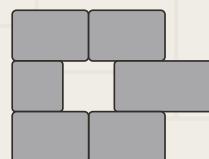


First Layer

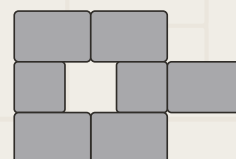


Second Layer

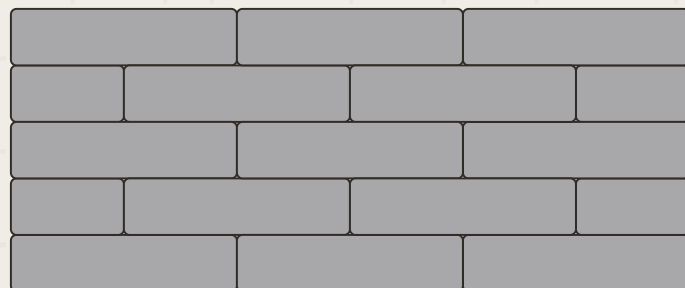
Column Tie In To Wall



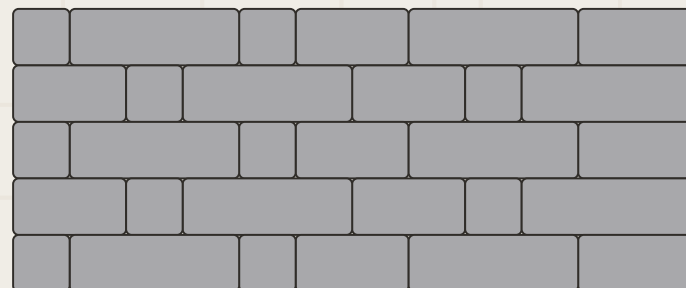
First Layer



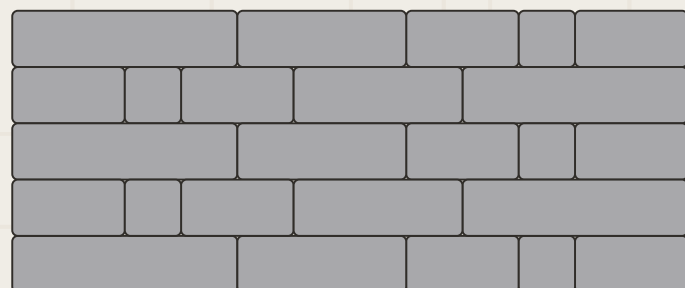
Second Layer



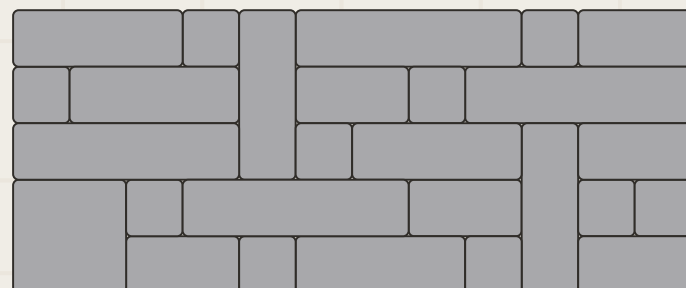
Half Bond: 100% 400mm blocks w/ one or two 200mm block starter blocks per course



Running Bond: Small—50% 300mm, 33% 200mm & 17% 100mm, Large—50% 400mm, 33% 300mm & 17% 200mm



Running Bond: All four sizes—35% 400mm, 40% 300mm, 20% 200mm & 5% 100mm blocks



Random: Various 400mm, 300mm, 200mm & 100mm blocks w/ jumper blocks

Tegula Garden Wall™ Installation

Tegula Garden Wall™ is an easy do-it-yourself decorative and gravity retaining wall (up to 36" tall). Tiered walls, garden walls and planters (including those with curves and corners) are all easily installed.

GRAVITY WALL INSTALLATION:

1. Planning Your Project

Prepare a layout for your Tegula Garden Wall™ project. Projects that retain soil and are over 32" high should be engineered. Determine the face square feet of wall and any columns you will have. When calculating wall face square footage, remember that you will have at least the first layer of block buried below the finished soil grade.

2. Preparing the Base

Excavate the soil 10"-12" below grade and at least 4" wider on each side than the blocks you are laying. Refer to the installation diagrams for details and better understanding on varied types of projects. With unstable soils, increase the depth of excavation as required to allow for a deeper base. Place ODOT ¾"-0 gravel into the excavation area to a minimum depth of 6" and level it. Next, compact the gravel with a hand tamper or plate compactor. Make sure that you have a minimum of 12" of excavation behind the wall for gravel back fill. This may need to be increased, depending on soil type.

3. Positioning the Bottom Course

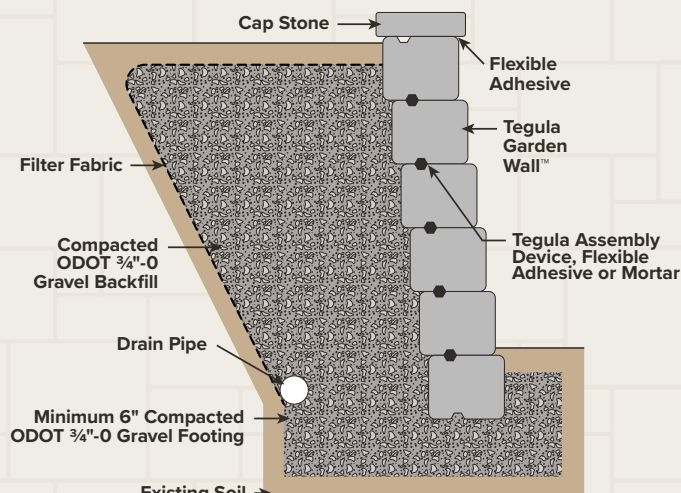
Set the bottom course of block at the desired position on top of the prepared gravel. Using a large rubber mallet and a level, adjust the block until it is level, end to end, and front to back. Set the adjacent blocks in the same manner, using a string line or a level to keep long runs straight and flat.

Building and Backfilling

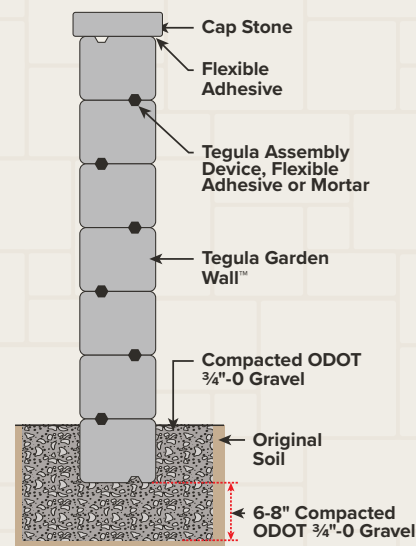
Place an assembly device, small ball of mortar in the top groove, or place bead of approved adhesive on the surface of the block. Set each additional course in the same manner, insuring that each new block is resting on the two blocks below it. Align the assembly grooves for a retaining wall or alternate them for a free standing garden wall. Continue this process one layer at a time until the desired height is obtained. Retaining walls require backfill of ODOT ¾"-0 gravel to within 6" of the finish height. Backfill and compact behind each course as the wall is built. Use a masonry saw to make any necessary cuts.

4. Finishing the Wall

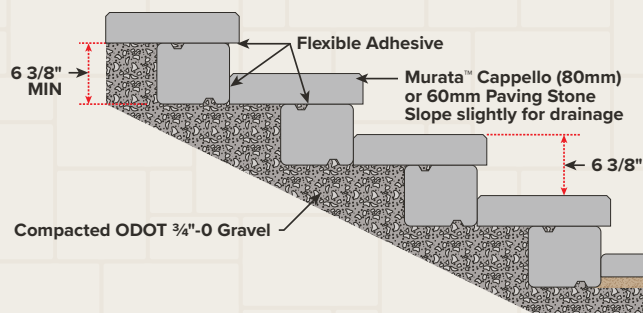
Place a cap on the top course, using an approved flexible adhesive. Roca paving stones or Murata™ Cappello caps may be used.



Tegula™ Set Back Retaining Wall



Tegula™ Non-Retaining Vertical Garden Wall



Tegula™ Steps Side View

Modular Retaining Wall Installation*

Modular retaining walls are easy, do-it-yourself retaining walls. Here are some helpful hints to enable you to achieve the results you desire in a retaining wall project. For more assistance, contact our knowledgeable office staff.

INSTALLATION:

***General installation guidelines apply to all lip-type retaining walls. Currently applies to the following Western Interlock products: Slope Block™, Nursery Stone™ and Jumbo Nursery Stone™.**

1. Planning Your Project

Prepare a layout for your modular retaining wall project. To help plan the number of blocks you will need for your project, multiply the face area times pieces per square foot to figure the number of blocks required. For help measuring curves, lay a garden hose along the proposed length of your wall; then straighten it out and measure its length.

2. Preparing the Base

Excavate the soil in the location where the retaining wall is to be, assuring adequate space on the rear side of the wall for gravel backfill. The amount of gravel fill will vary on application, but should not be less than 12". Dig a trench for the first course of stone 30" wide by 12" deep. Fill the first 6" of the trench with ODOT ¾"-0 gravel and compact well, making sure that the gravel is level. Place filter fabric against the back wall of the excavation. (Refer to the diagrams)

3. Positioning the Bottom Course

Set the bottom course of block at the desired position on top of the prepared gravel. Using a large rubber mallet and a level, adjust the block until it is level, end to end, and front to back. Set the adjacent blocks in the same manner, using a string line or a level to keep long runs straight and flat.

4. Building and Backfilling

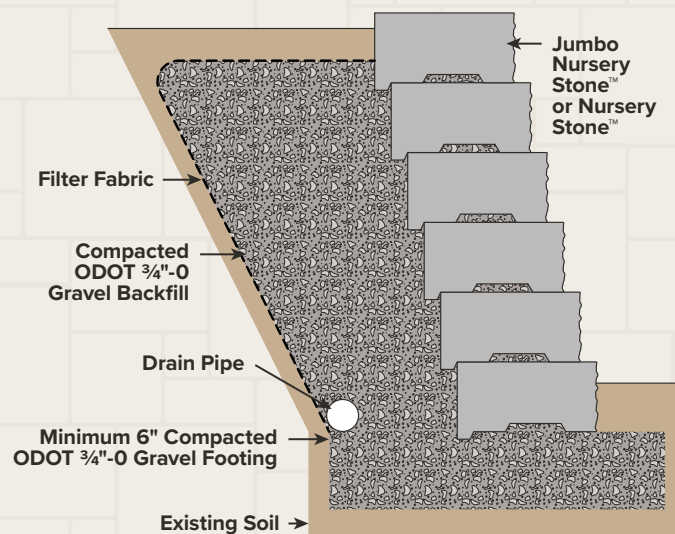
Set the next course, making sure that the joints do not line up with the previous course. Back fill with ODOT ¾"-0 gravel and compact again before setting the next course. Place all the remaining courses until the wall has reached your desired height. Use the compacted gravel back fill to keep it straight by tamping lightly behind the rear of the stones, maintaining the same vertical angle from top to bottom.

5. Finishing the Wall

Set the top course and back fill to within 3" of the top. Finish back fill area with soil to the desired height. The top course can either be held in place by gravity, or fixed with an approved flexible adhesive. Modular walls can be capped off with Murata™ Cappello, Arena Stone, or any wetcast caps if desired.

IMPORTANT NOTES:

- A drainage pipe should be used as shown in illustrations to prevent a problem with excessive water in the retained area.
- The standard wall angle set back is 12°. If a different angle is required, then the angle the first course is set at must be adjusted to accommodate the different angle. This angle is maintained as the following courses of stone and gravel are placed.
- Engineering is required on walls over 36" high. Call manufacturer for details.
- Cutting will be necessary for 90 degree corners and possible to maintain the batter on the different courses.



Murata™ Battered Wall Installation

The Murata™ retaining wall system's advantages are that it is made with hollow dry cast units that can be carried without special equipment. The self-aligning tabs allow for highly accurate and quick installation. When the blocks are installed, the hollow cells are filled with select granular fill¹ which then results in a heavier in-place block to resist soil forces.

The initial cost of the Murata™ retaining wall system is competitive with other wall systems and is significantly less than most conventional concrete walls. The lasting aesthetics and structural durability of the concrete Murata™ retaining wall system makes it a cost-effective solution when life-cycle costs are considered.

INSTALLATION:

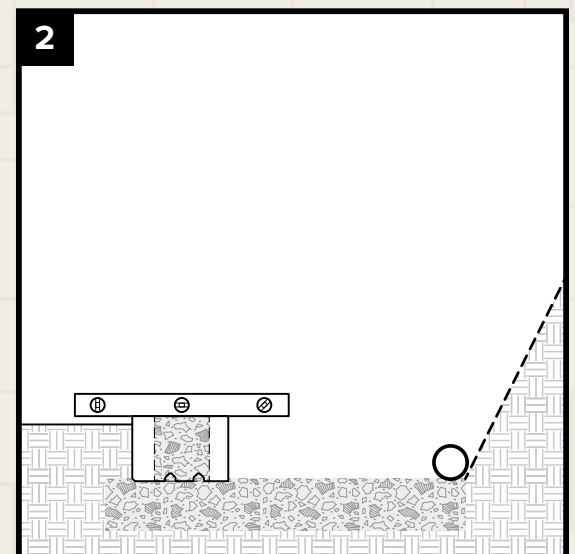
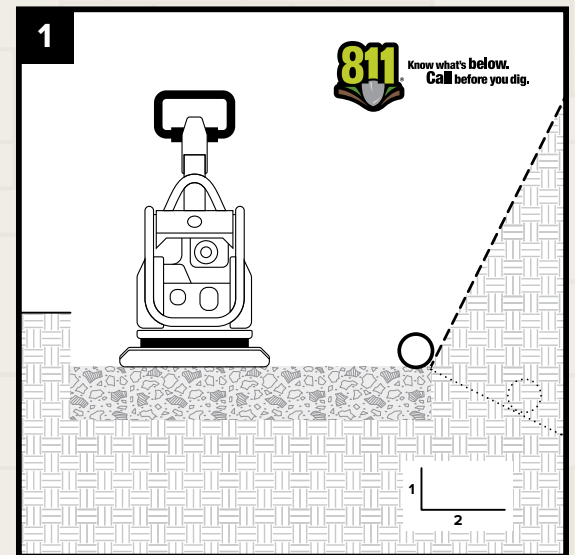
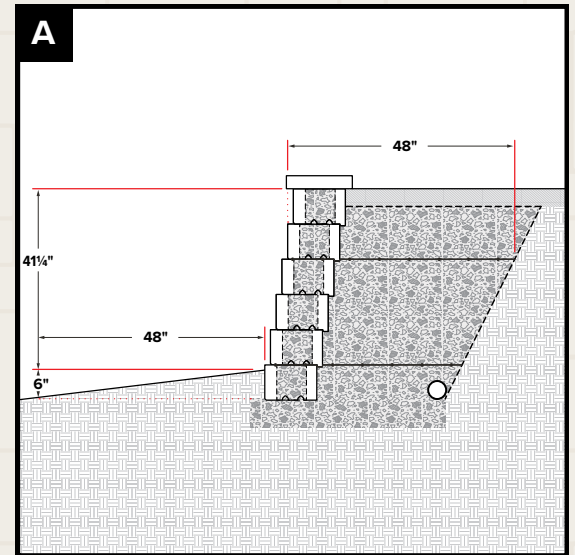
1. Wall Design Considerations

Before using Murata™ to build a wall, the following design considerations must be made (*Diagram A*):

- For a typical landscape wall the total wall height must not exceed 48" (1.2 m).
- If a toe slope is present, the bottom of the wall should not be above the finished grade at a distance of 48" (1.2 m) in front of the wall.
- The embedment height needs to be a minimum of 6" (152mm) below the ground surface.
- The length of the reinforcing geogrid needs to be a minimum of 48". Geogrid length is measured from the face of the wall.

2. Excavation and Preparing the Base

Check the location of existing structures and utilities before starting the excavation. Excavate the soil in the location where the retaining wall is to be constructed, assuring at least 48" of space on the rear side of the wall for gravel backfill¹. Dig a trench for the leveling base that is at least 24" wide by 12" deep. Fill the trench with select granular fill¹ to a depth of 6" (150mm) and compact well with a plate compactor or jumping jack in 2" lifts, making sure that each layer is level. The plate compactor must weigh at least 250lbs. (*Diagram 1*) Install a minimum of a 4" perforated drain pipe in the rear of the excavation. Make sure that the drain pipe is sloped at a minimum 0.5% and empty to daylight at 50' maximum intervals, draining into a storm sewer or along a slope below the reinforced soil mass. Widen the excavation as required to maintain drain slope (*See diagram 1*).



¹ Select granular fill must meet the ODOT ¾"-0 or ⅝"-0 WSDOT specification. More details available upon request.

3. Positioning the Bottom Course

Set the bottom course of block, utilizing the Murata™ Variable block, at the desired position on top of the prepared select granular fill¹ leveling base. Using a large rubber mallet and a level, adjust the block until it is level, end to end, front to back, and in full contact with the leveling base (*Diagram 2*). Set the adjacent blocks in the same manner, using a string line or a level to keep long runs straight and flat; ensuring that there is no space between adjacent blocks.

4. Backfilling and Geogrid

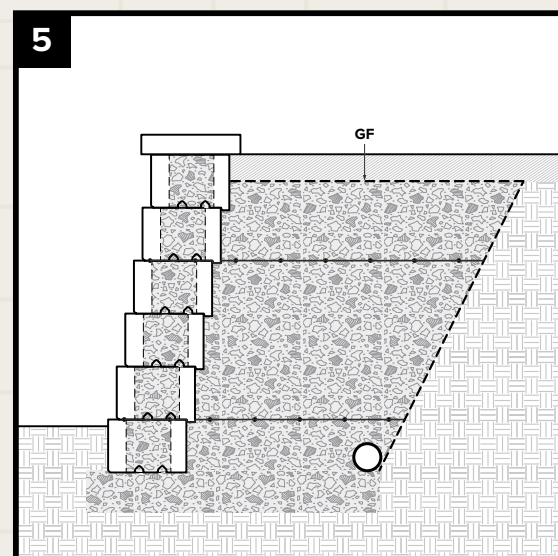
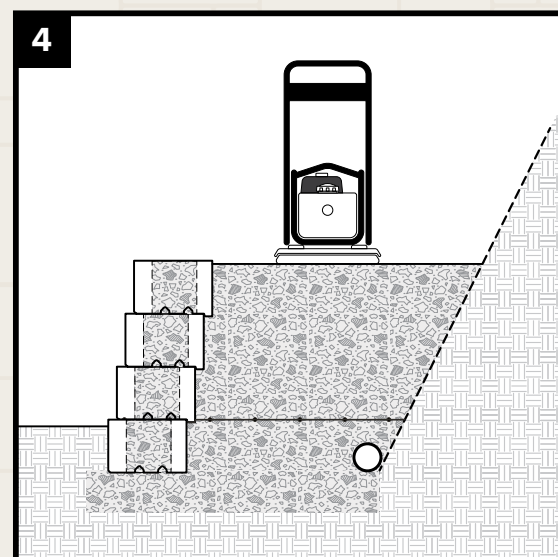
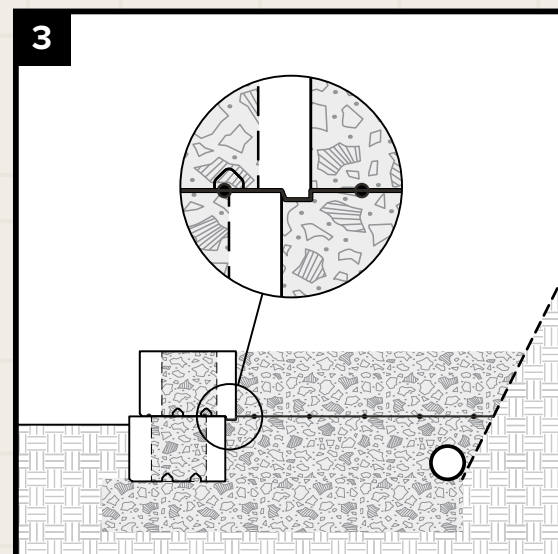
Place a layer of non-woven geotextile filter (TerraTex® N06 or equivalent) against the rear wall of the excavation, starting at the top of the leveling base and extending up to the top of the excavation. Do not install the geotextile filter below the structural foundation. Make sure that there is enough filter fabric to lay over the top of the backfill to keep topsoil from filtering down. Completely fill the block cavity and backfill with select granular fill¹ in maximum lifts of 4". Compact both thoroughly using lightweight compaction equipment that will not disrupt the stability or batter of the wall. Before setting the next course, cover the previous course of blocks and the backfill gravel with geogrid (StrataGrid® SG 350 or equivalent). Pay attention to the geogrid's reinforcement direction and make sure that it is perpendicular to the wall face. The minimum reinforcing length of the geogrid is 48" (*Diagram A*) and must be continuous. Splicing of the geogrid in the main reinforcement direction is not permitted. Follow geogrid manufacturer's guidelines for overlap requirements.

5. Subsequent Courses

Lay the next course of blocks and fill block cores with compacted select granular fill¹ to lock in place, making sure to wrap the geogrid slightly around the lip of the block (*Diagram 3*). A running bond pattern is the preferred method of block placement. The center of the current course should align with the seam between two blocks on the lower course. For optimum strength, maintain light tension on the geogrid by using stakes or pins. Place all the remaining courses backfilling the wall every 8" (one block height), and placing a reinforcing geogrid as outlined in Step 4 (*Diagram 4*).

6. Finishing the Wall

Set the top course and backfill to within 3" of the top. Fold the filter fabric (GF) over the top of the backfill. Finish backfill area with topsoil to the finished grade (*Diagram 5*). The top course or cap can either be held in place with an approved flexible adhesive (Flex-Bond SB20 or equivalent). Murata™ walls can be capped with the Murata™ MC4035 or MC8035 Cappello caps. Columns can be capped with either the MC6060 or MC7070 Cappello caps.



Installation Accessories



Snap-Edge® & Snap-Edge® Slimline



Paver Installation Hammer



Paver Extractor



Paver Lifter



14" Diamond Saw Blade
7" Skill Saw blade also available



#1 Fine Sand



Concrete Mix



Dyna® Optimatrix Sand
Beige, Gray



Polysweep Polymeric Sand
Tan, Gray



Alliance Gator Polymeric
Sand & Dust Super Sand®
Sahara Beige, Slate Grey
Gator Dust®
Sahara Beige, Stone Grey

Paver Light Kits

We carry a variety of LED and low voltage lighting systems. We have kits to inlay the lights directly into the pavers, as well as downlights that fit under our wall caps.



Efflorescence

Efflorescence is a whitish powder-like deposit, common on concrete and masonry products, that normally will disappear over time with weathering. Although it may present an aesthetic concern, efflorescence will not affect the structural performance of pavers or wall systems. With proper maintenance, efflorescence can be removed and the original color restored. Through manufacturing techniques, we attempt to reduce the likelihood of efflorescence.

Sealers

Sealing is an essential step because, not only does it make your hardscape look beautiful, sealing makes it easier to maintain and will increase its life. We recommend a solvent-based sealer like SB-8700 for best results in our Pacific Northwest environment. For more details on applying sealer, visit: www.westerninterlock.com/how-to-seal-paving-stones



Applying Sealer



Gloss Finish Joint Stabilizing Sealer
SB-7000 Gloss Finish
(water based)



Antifungal Sealer
SB-7700 Satin Finish
(water based)



Wet Look Joint Stabilizing Sealer
SB-8700 Gloss Finish
(solvent based)



Wet Look Sealer
SB-9000 Gloss Finish
(solvent based)

Precast Parts



Precast Flat Cap
Available in Charcoal
Available sizes:
12x36"
12x48"
20x20"
24x24"

Fireplace Parts



Deschutes Chimney Cap
12"x24" Chimney insert size
Covering size: 26"x32"
Powdercoated steel



Rogue Chimney Cap
24"x28" Chimney insert size
Covering size: 32"x36"
Powdercoated steel



Firebrick
9x4.5x1.25"



Deschutes Firebox Support
4x6x $\frac{3}{8}$ x27" angle iron
Painted steel



Rogue Firebox Support
4x6x $\frac{3}{8}$ x30" angle iron
Painted steel

Paving Stone Specifications

Paving Stones	Pcs/ Layer	Layers/ Pallet	Pcs/ Pallet	Pcs/Sq Foot	Sq Ft/ Layer	Sq Ft/ Pallet	Lbs/pcs	Lbs/ Layer	Lbs/ Pallet
Alpine Stone Large Square (70mm)	9	8	72	.85	10.59	84.7	38	342	2714
Alpine Stone Large Rec (70mm)	12	8	96	1.28	9.36	74.88	26	312	2471
Alpine Stone Med Square (70mm)	20	8	160	1.92	10.4	83.2	20	400	2746
Alpine Stone Small Rec (70mm)	40	8	320	3.84	10.4	83.2	9	360	2746
Alpine Rotundo Stone (70mm)	12	4	48	n/a	11.4	45.6	varies	n/a	1425
Alpine Rotundo Single Stone (70mm)	12	8	96	1.04	11.5	92.3	30	356	2890
Arena Stone—Standard, Granite (60mm)	12	9	108	1	12	108	28	336	2970
Camino Stone Large Rec (60mm)	25	10	250	2.42	10.33	103	11	275	3067
Camino Stone Square (60mm)	35	10	350	3.65	9.6	97	8	280	2888
Camino Stone Small Rec (60mm)	49	9	441	4.76	10.3	92.6	6	294	2515
City Square (60mm)	42	9	378	4.09	10.22	92.42	8	336	3024
Holland Stone—Roca (60mm)	54	9	486	4.56	11.84	106.6	6	324	2931
Holland Stone—Standard (60mm)	48	9	432	4.56	10.5	94.7	6.03	289	2605
Half Holland Stone (60mm)	88	9	792	9.12	9.77	86.8	3	264	2400
Holland Stone—Granite (60mm)	48	9	432	4.56	10.5	94.7	6.03	289	2605
La Lastra Large Square (50mm)	2	9	18	.25	8	72	94	188	1700
La Lastra Medium Square (50mm)	4	9	36	.45	9	81	54	216	1910
La Lastra Large Rectangle (50mm)	4	9	36	.34	12	108	71	284	2550
La Pietra Grande (60mm)	2	8	16	.33	6	48	84	168	1344
La Pietra—Quattro (<i>sold by layer</i>) (60mm)	10	8	80	n/a	12	96	varies	332	2656
Park Stone—Cobble, Roca, Granite (60mm)	24	9	216	2.29	10.5	94.1	12	288	2588
Plaza Stone—Cobble, Roca, Granite (60mm)	18	8	144	1.53	11.76	94.1	18	324	2588
Rotundo Stone (60mm)	37	9	333	n/a	11.5	103.5	varies	316	2850
Cobble Slimline Large Rec (40mm)	30	12	360	3.24	9.26	111	6	180	2011
Cobble Slimline Square (40mm)	48	12	576	4.88	9.84	118	4	192	2143
Holland Slimline (40mm)	45	12	540	4.51	9.98	119.7	4	180	2127

Permeable Pavers	Pcs/ Layer	Layers/ Pallet	Pcs/ Pallet	Pcs/Sq Foot	Sq Ft/ Layer	Sq Ft/ Pallet	Lbs/pcs	Lbs/ Layer	Lbs/ Pallet
Permeare Camino Square (60mm)	42	9	378	3.65	11.5	103.6	7.3	306	2770
Permeare Camino Rec (60mm)	30	9	270	2.42	12.4	111.5	10.9	327	2960
Permeare Holland Stone (60mm)	54	9	486	4.56	11.85	106.6	5.6	302	2750
Permeare Park Stone (60mm)	24	9	216	2.29	10.5	94.3	11.5	276	2500
Turf Stone (100mm)	4	5	20	.38	10.4	52	73	292	1456
VS-5™ Drain Pave (88mm)	20	6	120	2.35	8.5	52	16	320	1920

Retaining Wall Specifications

Wall Blocks	Pcs/ Layer	Layers/ Pallet	Pcs/ Pallet	Pcs/Sq Foot	Sq Ft/ Layer	Sq Ft/ Pallet	Lbs/pcs	Lbs/ Layer	Lbs/ Pallet
Chateau Wall™ (100mm)	60	5	300	9.3	6.45	32.24	9.5	570	2850
Chateau Wall™ (200mm)	30	5	150	4.66	6.45	32.24	19	570	2850
Chateau Wall™ (300mm)	20	5	100	3.1	6.45	32.24	28.5	570	2850
Chateau Wall™ (400mm)	15	5	75	2.33	6.45	32.24	38	570	2850
Chateau Wall™ Beveled (200mm)	28	5	140	4.66	6	30	16	448	2260
Chateau Diviso™ (200mm)	30	5	150	4.66	6.45	32.24	19	570	2850
Chateau Diviso™ (300mm)	20	5	100	3.1	6.45	32.24	28.5	570	2850
Chateau Diviso™ (400mm)	15	5	75	2.33	6.45	32.24	38	570	2850
Chateau Diviso™ Beveled (200mm)	28	5	140	4.66	6	30	16	448	2260
Jumbo Nursery	9	6	54	1.5	6	36	57	513	3078
Jumbo Nursery Straight Face	9	6	54	1.5	6	36	65	585	3510
Jumbo Step Block	10	5	50	.75	7.5	37.5	90	67.5	4500
Nursery Stone	16	6	96	3	5.33	32	18	288	1750
Murata™ MS4020 Standard	8	5	40	1.15	7	35	60.65	69.75	2426
Murata™ MV4020 Variable	8	5	40	1.15	7	35	60	69.75	2400
Murata™ MA4020 Angolo	6 sets 12 pieces	5	30 sets 60 pieces	1.15	10.4	52	47	54.65	2820
Slope Block	12	4	48	2.08	5.78	23.1	60	124.8	2880
Tegula/Tegula Beveled	30	3	90	2.35	12.77	38.3	33	990	2970
Cap Stones				Pcs/Linear Foot	Linear Foot/ Layer	Linear Foot/ Pallet	Lbs/Linear Foot		
Chateau Diviso™ Cap	12	7	84	1.2	n/a	n/a	26	312	2184
Chateau Diviso™ Column Cap	2	5	10	n/a	n/a	n/a	130	260	1300
Jumbo Cap Stone	9	8	72	.77	7.5	55	40	30.8	2880
Nursery Cap Stone	16	6	96	1.09	17.44	88	21	22.9	2000
Murata™ MC4035 Cappello	6	5	30	.76	7.88	39.4	52.5	39.9	1584
Murata™ MC8035 Cappello	3	5	15	.38	7.88	39.37	105	40	1560
Murata™ MC6060 Cappello	2	5	10	n/a	n/a	n/a	136	n/a	1360
Murata™ MC7070 Cappello	1	5	5	n/a	n/a	n/a	180	n/a	900



Standard Paving Stone Finishes

(Not all finishes available in all stones)

Suitable for pedestrian traffic only
Available in Slimline Holland and Slimline Cobble

Suitable for pedestrian traffic only
Available in LaLastra™

Suitable for pedestrian and light vehicular traffic
Available in all standard paving stones

Suitable for pedestrian and heavy vehicular traffic
Available in Alpine Stone™

Suitable for pedestrian and heavy vehicular traffic
Available on select stones by special order.

40mm

50mm

60mm

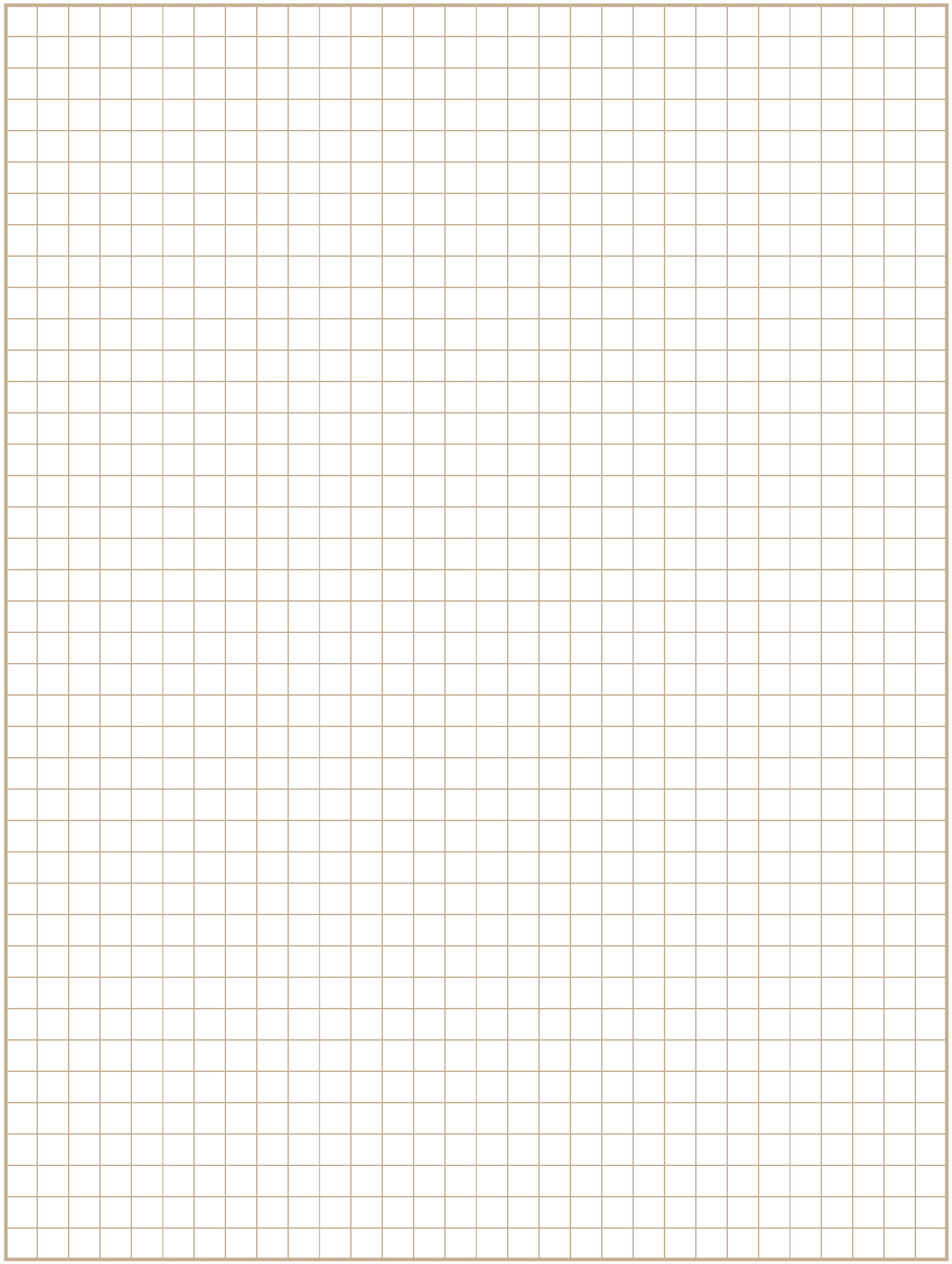
70mm

80mm



Standard Paving Stone Thicknesses

(Not all thicknesses available in all stones)





We invite you to stop by any of our retail facilities or dealerships to speak with a knowledgeable sales person, and to see our product in person.

WESTERN INTERLOCK RETAIL FACILITIES:

10095 Rickreall Rd, Rickreall, OR 97371

9145 Fassett St., Olympia, WA 98512



Paving Stones & Retaining Wall Systems Made for the Northwest.

503.623.9084 OR
360.878.9301 WA

westerninterlock.com