

Version 2.0



Shells Reef Beige

Distributed by:



Real Stone Source

A World of Real Stone 

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www.realstonesource.com

Natural stone products are products of nature and inherently lack uniformity and are subject to variation in aesthetics, color, shade, finish, tint, hardness, strength, slip resistance, density etc. The foregoing qualities are inherent in the nature of the product to be sold and shall not be considered a defect. It is the customer's responsibility to determine the suitability and maintainability for the natural stone product to be sold. Some natural stone products may exude naturally inherent substances under certain conditions, especially significant or consistent moisture from sources such as rainfall or irrigation. Never make a final selection on a natural stone product based on a photograph or website image. For submittal information and test data, please consult your Calexia representative. Any installation methods shown are guidelines only. Final installation procedures are specific to individual projects and should be approved by the project engineer.



Real Stone Source

Real Stone Real Designs 



PREMIUM	NATURAL	STONE	VENEERS
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www.realstonesource.com

For centuries architects have imagined and designed, and artisans crafted masterpieces using stone of nearly every type and form known to man. In city centers and along country byways stand memorials to their imagination, skill, and desire to make a unique and lasting impression.

Calexia, derived from the Latin *calx*, meaning the stone; offers today's architects, designers and their discriminating customers a collection of premium natural stone products that are reflective of this rich tradition. The ability of the Calexia collection to make a unique and lasting impression is limited only by one's imagination.



Choosing The Right Stone For Your Project

Designing with natural stone ensures the uniqueness of the application since no two pieces are exactly the same. Unlike synthetic imitations, which have an artificial appearance and vulnerable surfaces that are hard to maintain, natural stone is superior to manufactured stone in withstanding the effects of sun, water and abuse. Below are a few factors we recommend you consider in choosing the most appropriate stone for your application from the wide selection of premium natural stone slate, schist, sandstone, limestone and other veneers offered in our Calexia line.



Color

Natural stones are available in a beautiful spectrum of colors. Calexia's colors range from soft beiges, tans and golds to rich browns, greys and multi-colors. Unlike the repetitiveness of materials produced by machine or assembly line, the naturally varied appearance and wonderful character of Calexia's natural stone veneers create a one of a kind effect in any application.



Texture & Look

From smooth to rugged textures, small to large sizes, tightly-stacked ledgerstone to blends of ledge and fieldstone, the choices are limited only by one's imagination. Visual appeal is very important to the image of a business or the feel of a home, and should be a determining factor in choosing the right stone. The architectural style of the project will also help define the most suitable type of stone for the application.

When selecting a natural stone for your project, you will be adding value through the timeless beauty, lasting quality and true sustainability that only natural stone can offer. For further assistance please call us at our toll free number 888-676-9776 or visit us online at www.realstonesource.com.



Grout Techniques can be Just as Important as Stone



Standard/Raked joints
grey grout



Dry-stack joints
medium tan grout



Weathered grout
w/ coarse aggregate

There are numerous grout techniques, each with their own unique look such as Standard Joints (raked), Dry-Stack Joints (very tight or no joint), Overgrout Joints (sack finish), Weathered Grout (with coarse aggregates), Flush-Cut Joints (flush with wall) just to name a few examples.

Choosing the right grout is just as important as the stone itself but making the right selection is easier than you might think. Here are a few things that will help you make the best choice.

Color: The rule of thumbs is that the color of grout will help “emphasize” the similar color in the stone. Take for example Calexia’s classic Corona d’Oro veneer. If we choose a tan grout, it will help bring out the secondary gold color in the limestone and will richen the look. But if we would like to emphasize the white, dominant parts of the stone, we should select a white or grey grout to wash out the gold tones further. A white grout can also help lighten the brown undertones of the Mocha Mesa sandstone, while opting for a chocolate colored grout accentuates the natural umber pigments in the stone:



Corona d’Oro
medium tan grout



Corona d’Oro
grey grout

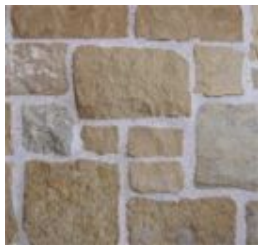


Mocha Mesa
white grout



Mocha Mesa
chocolate grout

Grout Techniques: Each grout style can either emphasize or mute the stones’ characteristics. Let’s take the distinct Tuscan Suede sandstone veneer as an example. In order to soften the edges of the Ashlar pieces and help blend them together to create a flowing pattern found at many a vineyard in Tuscany, we can apply a weathered grout which envelopes the corners of the individual stones. However, if our aim is to accentuate the large and unique stone pieces, for an “Old World” feel, then a Standard (Raked) joint will work the best to help focus attention on the individual pieces as opposed to the pattern as a whole. It is the same veneer but notice what a huge difference the grout technique makes:



Tuscan Suede
Weathered grout



Tuscan Suede
Raked joint

Grouting can therefore emphasize the natural colors and texture of veneers or mute them and wash them out, making the possibilities for each application endless. As with any building material the quality of the product is as important as how well it is installed. Careful consideration regarding color, pattern, and the type of grout technique used are very important factors to discuss with your Calexia Sales Representative as well as the installer for your project.





Texture Swatches



TERRA UMBRA

1/2" Raked joint, grey grout



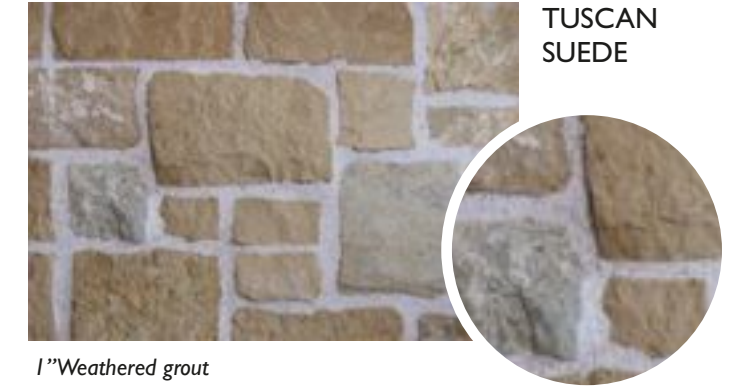
TERRA UMBRA

1" Weathered grout



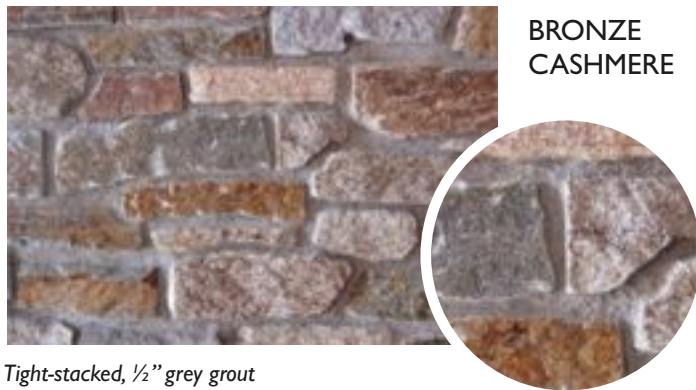
TUSCAN SUEDE

1/2" Raked joint, grey grout



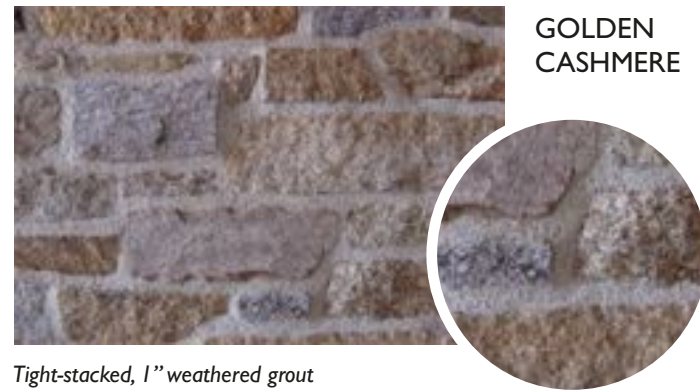
TUSCAN SUEDE

1" Weathered grout



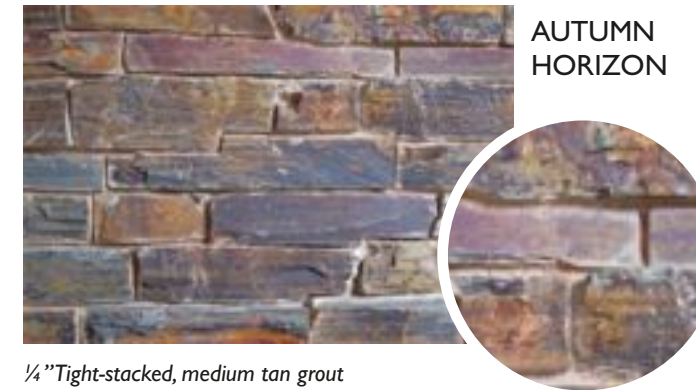
BRONZE CASHMERE

Tight-stacked, 1/2" grey grout



GOLDEN CASHMERE

Tight-stacked, 1" weathered grout



AUTUMN HORIZON

1/4" Tight-stacked, medium tan grout



AUTUMN HORIZON

Ledge/fieldstone blend, 1/2" medium tan grout



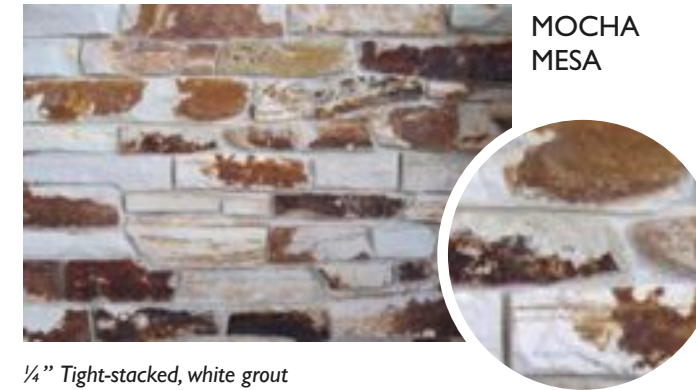
SIERRA BLUE

1/4" Tight-stacked, grey grout



SIERRA BLUE

Ledge/fieldstone blend, 1/2" grey grout



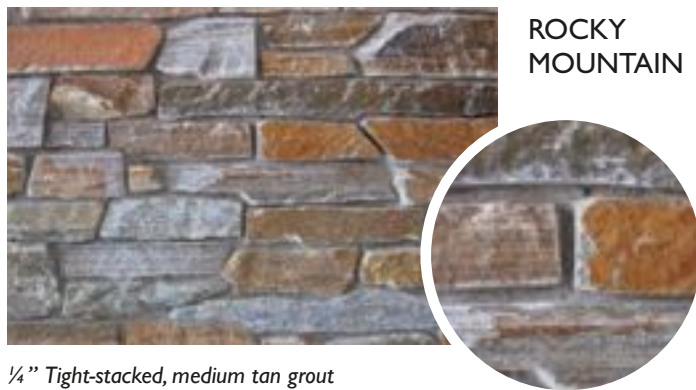
MOCHA MESA

1/4" Tight-stacked, white grout



MOCHA MESA

1/4" Tight-stacked, chocolate grout



ROCKY MOUNTAIN

1/4" Tight-stacked, medium tan grout



ROCKY MOUNTAIN

Ledge/fieldstone blend, 1/2" medium tan grout



CORONA D'ORO

Fieldstone blend, 1/2" grey grout



CORONA D'ORO

Fieldstone blend, 1/2" medium tan grout

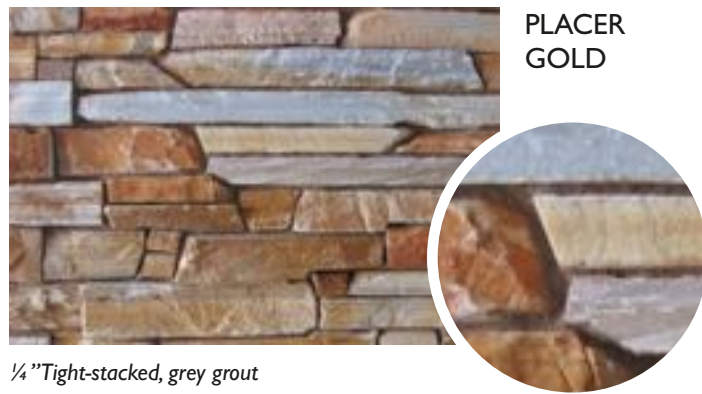
Texture Swatches



1/2" Raked joint, grey grout



1" Weathered grout



1/4" Tight-stacked, grey grout



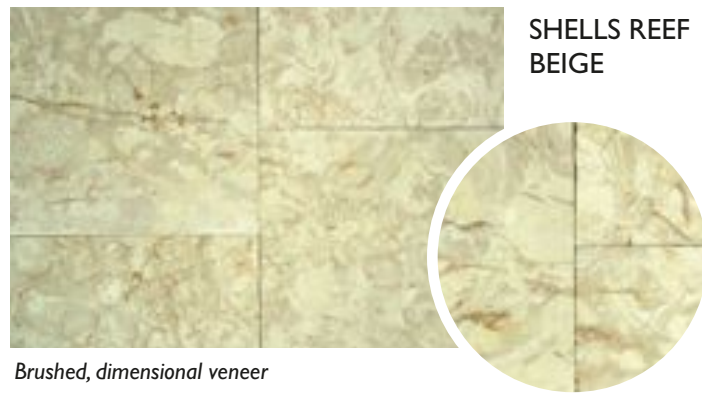
Ledge/fieldstone blend, 1/2" grey grout



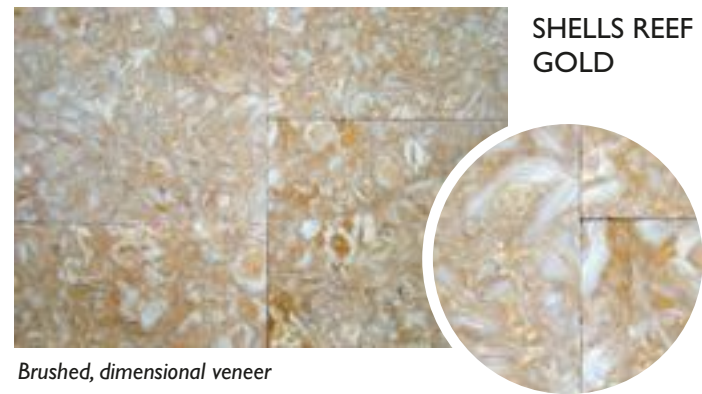
Tight-fit, no grout



Brushed, dimensional veneer



Brushed, dimensional veneer



Brushed, dimensional veneer

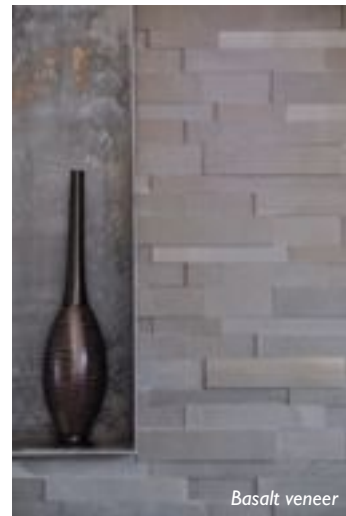




Custom Projects

Designing with natural stone just got easier using Calexia premium natural stone veneers. Besides the uniqueness, refined textures and the beautiful spectrum of colors offered by the Calexia line, you can further distinguish your natural stone project by selecting a custom color, size or cut. Talk to your Real Stone Source Representative today and let us work with you on customizing our veneer line to meet your design requirements.

Real Stone Real Designs



Accessories

To help complement and complete your green designs, Calexia has natural stone tiles, stair treads, capstones, pool coping and wainscot sill as accessories to the unique Calexia collection. These are available in matching colors to our stone veneers and will create a seamless transition through the entire application. To discuss your needs on a specific project, please contact the Real Stone Source Sales Team today and schedule an appointment for a full presentation. Special order sizes, colors and edge treatments are also available. If you let us know about your design ideas, we will work with you to make them a reality!



WALL CAP



POOL COPING



WAINSCOT SILL



COLUMN CAP



NATURAL STONE TILE

Suggested Installation Details

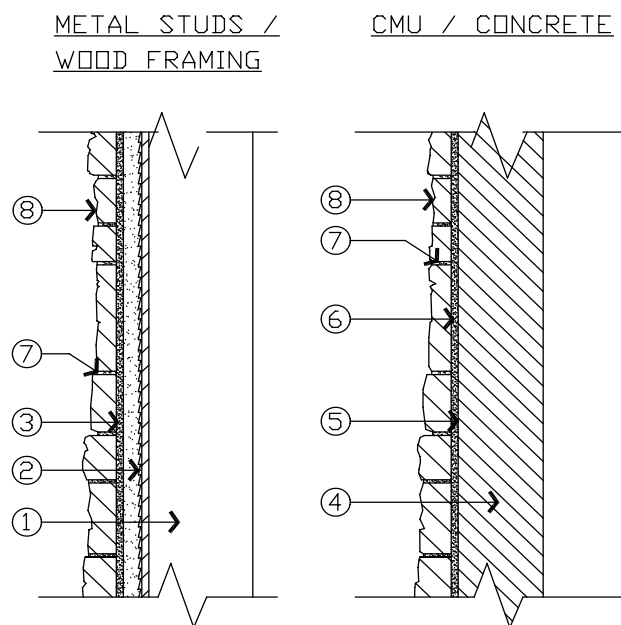
- ① METAL STUDS OR WOOD FRAMING.
- ② PAPER-BACKED METAL LATH W/SCRATCH & BROWN COATS APPROX. 1" TOTAL THICKNESS OR WEIGHT-RATED CEMENTIOUS BOARD ON WEATHER WRAP.
- ③ TYPE S MORTAR WITH ACRYLIC FORTIFIER (ADDED PER MANUFACTURER'S RECOMMENDATION).
- ④ CMU OR CONCRETE.
- ⑤ WATERPROOF MEMBRANE IF REQUIRED (LATICRETE HYDRO BAN SYSTEM OR EQUAL).
- ⑥ TYPE S MORTAR WITH ACRYLIC FORTIFIER (ADDED PER MANUFACTURER'S RECOMMENDATION).
- ⑦ MORTAR JOINT
- ⑧ **RANDOM LOOSE VENEER (UNDER 15 LBS. / SQ. FT.)**

FOR INSTALLATIONS WHERE HEIGHT OR WEIGHT PER SQ. FT. EXCEEDS IBC OR LOCAL BUILDING CODES, IT IS NECESSARY TO USE WALL TIES. IT IS THE RESPONSIBILITY OF THE INSTALLER TO CHECK LOCAL BUILDING CODES AND/OR CONSULT WITH THE PROJECT ENGINEER OR ARCHITECT.

REFERENCE STANDARDS:

INTERNATIONAL BUILDING CODE
SECTION 1403, SECTION 1404, SECTION 1405

*SUGGESTED INSTALLATION PROCEDURES ARE SUBJECT TO LOCAL BUILDING CODES AND NEED TO BE APPROVED BY THE ENGINEER OF RECORD.



ALL DIMENSIONS ARE APPROXIMATE N.T.S.



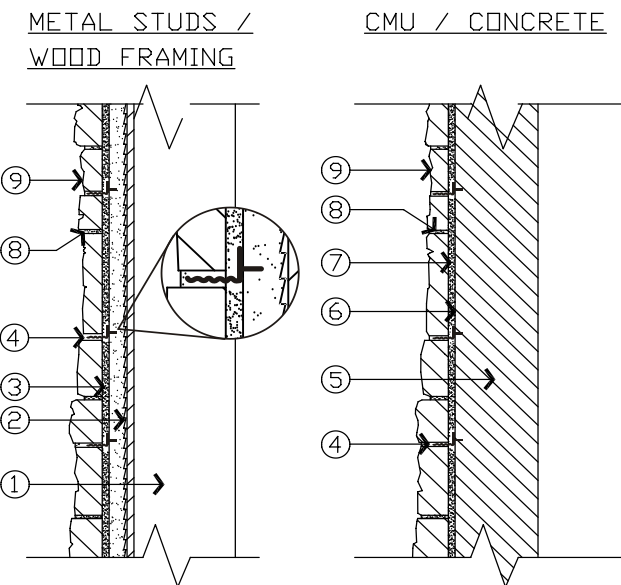
RANDOM LOOSE VENEER: SUGGESTED INSTALLATION DETAILS*

- ① METAL STUDS OR WOOD FRAMING.
- ② PAPER-BACKED METAL LATH W/SCRATCH & BROWN COATS APPROX. 1" TOTAL THICKNESS OR WEIGHT-RATED CEMENTIOUS BOARD ON WEATHER WRAP.
- ③ TYPE S MORTAR WITH ACRYLIC FORTIFIER (ADDED PER MANUFACTURER'S RECOMMENDATION).
- ④ ANCHORING AS PER IBC OR PROJECT ENGINEER RECOMMENDATION (PROVIDE AT LEAST ONE ANCHOR FOR EVERY 2 SQ. FT. OF STONE VENEER).
- ⑤ CMU OR CONCRETE.
- ⑥ WATERPROOF MEMBRANE IF REQUIRED (LATICRETE HYDRO BAN SYSTEM OR EQUAL).
- ⑦ TYPE S MORTAR WITH ACRYLIC FORTIFIER (ADDED PER MANUFACTURER'S RECOMMENDATION).
- ⑧ MORTAR JOINT
- ⑨ **RANDOM LOOSE VENEER (OVER 15 LBS. / SQ. FT.)**

REFERENCE STANDARDS:

INTERNATIONAL BUILDING CODE
SECTION 1403, SECTION 1404, SECTION 1405

*SUGGESTED INSTALLATION PROCEDURES ARE SUBJECT TO LOCAL BUILDING CODES AND NEED TO BE APPROVED BY THE ENGINEER OF RECORD.



FOR INSTALLATIONS WHERE HEIGHT OR WEIGHT PER SQ. FT. EXCEEDS IBC OR LOCAL BUILDING CODES, IT IS NECESSARY TO USE WALL TIES. IT IS THE RESPONSIBILITY OF THE INSTALLER TO CHECK LOCAL BUILDING CODES AND/OR CONSULT WITH THE PROJECT ENGINEER OR ARCHITECT.

ALL DIMENSIONS ARE APPROXIMATE N.T.S.



RANDOM LOOSE VENEER: SUGGESTED INSTALLATION DETAILS*



Specification Data

Product	Stone Type		Length		Height		Return		Thickness		Weight Per SF
			Low	High	Low	High	Low	High	Low	High	
Autumn Horizon	Slate	Flats	8.00	29.50	2.00	6.00			0.50	2.50	18 to 22
		Corners	6.00	20.00	2.00	6.00	2.00	6.00	0.75	2.50	
Black Opal	Schist	Flats	8.00	24.00	2.00	5.00			0.50	2.00	18 to 20
		Corners	6.00	15.75	2.00	5.00	2.00	5.00	0.75	2.00	
Bronze Cashmere	Blend	Flats	6.00	24.00	1.50	6.00			0.50	2.50	18 to 20
		Corners	6.00	15.75	2.00	5.00	2.00	5.00	0.75	2.50	
Corona d'Oro	Limestone	Flats	4.00	24.00	2.00	10.00			0.50	1.25	13 to 15
		Corners	4.00	16.00	2.00	8.00	2.00	5.00	0.75	1.75	
Mocha Mesa	Sandstone	Flats	8.00	29.50	1.75	6.00			0.50	2.50	18 to 20
		Corners	6.00	20.00	2.00	6.00	2.00	6.00	0.75	2.50	
Placer Gold	Limestone	Flats	8.00	29.50	1.75	6.00			0.50	2.50	18 to 20
		Corners	6.00	20.00	2.00	6.00	2.00	6.00	0.75	2.50	
River Rock	Granite	Flats	3.15	7.75	3.15	7.75			0.50	1.50	12.2
		Corners	4.00	7.75	3.15	6.00	2.00	4.75	0.50	1.50	
Rocky Mountain	Schist	Flats	8.00	24.00	1.75	5.00			0.50	2.50	18 to 20
		Corners	6.00	15.75	2.00	5.00	2.00	5.00	0.75	2.50	
Shells Reef Atlantis	Limestone	Flats	Dimensional		Dimensional		Dimensional		Dimensional		Dependent on Thickness
		Corners	N/A		N/A		N/A		N/A		
Shells Reef Beige	Limestone	Flats	Dimensional		Dimensional		Dimensional		Dimensional		Dependent on Thickness
		Corners	N/A		N/A		N/A		N/A		
Shells Reef Gold	Limestone	Flats	Dimensional		Dimensional		Dimensional		Dimensional		Dependent on Thickness
		Corners	N/A		N/A		N/A		N/A		
Sierra Blue	Limestone	Flats	8.00	24.00	1.75	5.00			0.50	2.50	18 to 20
		Corners	6.00	15.75	2.00	5.00	2.00	5.00	0.75	2.50	
Terra Umbra	Sandstone	Flats	3.00	20.00	3.00	15.00			0.50	2.00	13 to 18
		Corners	4.50	15.00	3.50	12.00	3.00	5.00	1.00	2.00	
Tuscan Suede	Sandstone	Flats	4.00	12.00	3.00	12.00			0.50	1.75	13 to 15
		Corners	6.00	14.00	6.00	10.00	2.00	6.00	0.75	1.75	



Ash Black (chopped – full rough)

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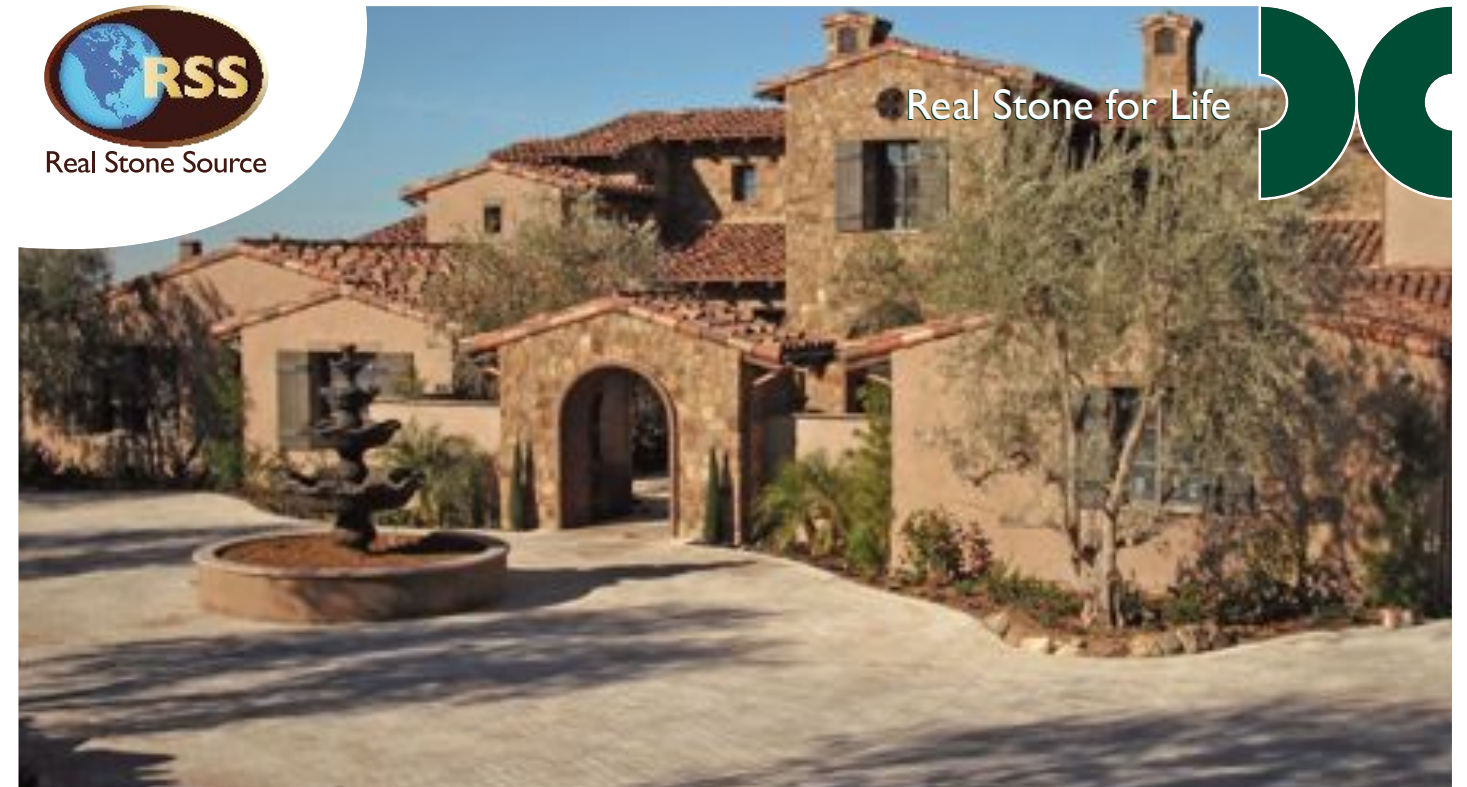
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Real Stone Source

Real Stone for Life



NATURAL COBBLES AND PAVERS



www.realstonesource.com

There is a strong connection between the products we choose and how they influence our quality of life. We increasingly understand the benefits of living our lives a little closer to nature's beauty and rhythm. Natural elements, green design, sustainability, are more than a passing fad; they will resonate as hallmarks for quality of life for generations.

ExoGeo is dedicated to enriching the outdoor spaces that define our connection with nature in everyday life. From driveways and walkways that welcome us home after a long day, to the patios and pools that refresh and renew us, ExoGeo is the natural choice for exceptional everyday outdoor designs.



Designing with stone for outdoor spaces

ExoGeo natural cobbles and pavers are available in a multitude of colors, sizes, patterns and surface treatments for any landscaping project. These beautiful natural stone products offer the inspiration, strength and durability of real stone and deliver the exacting tolerances of their manufactured imitations without their artificial appearance and vulnerable surfaces which are more susceptible to fading and becoming outdated.



Innate Durability

Natural stone cobbles and pavers offer building owners and homeowners innate and lasting durability. ExoGeo products are designed by nature that will stand the test of time for centuries. As time passes, weathering of natural stone results in a patina effect that continually increases their beauty and character.

Ease of Maintenance

Besides durability, ExoGeo natural stone products are easy to maintain. For example, a chip simply reveals deeper layers, which are identical in composition to the surface and do not need to be touched up or re-stained when chips occur. Most natural stone can be power washed or lightly brushed without damaging the natural finish or luster of the stone.



Color & Textures

ExoGeo natural cobbles and pavers come in a beautiful spectrum of colors created by nature: subtle greys and browns, lightly dusted gold and rich shades of yellow, silver and black. These gorgeous granite, basalt, slate, limestone and quartzite rocks represent a wide range of natural paving materials that will add value to your outdoor and landscaping projects through their beauty, sustainability and superb craftsmanship. Distinct surface treatments further customize each color and can provide a look and feel perfectly suited to your design. Read more about the different surface treatments offered on Page 3.



ExoGeo is the natural choice for exceptional everyday outdoor designs. Bring the natural aesthetics, durability, and ease of maintenance of real stone to your project and enjoy the results for generations to come. For further assistance please call us at our toll free number 888-676-9776 or visit us online at www.realstonesource.com.

Surface Treatments

Surface treatments help bring out, mute or alter the natural color of stone and can result in a textured or level surface. Our natural stone cobbles and pavers are very durable and extremely hard wearing. The proper textured surface can make it suitable for use in wet areas, or anywhere non-slip coverings are required. Here is an in-depth look at the different surface treatments offered for the ExoGeo natural cobbles and pavers.



Bush-Hammered

Bush-Hammered Pavers:

A bush hammer is a masonry tool used to texture stone surfaces. It consists of a grid of conical or pyramidal points at the end of a large metal slug.

The repeated impact of these points onto stone helps create a rough, pockmarked texture that resembles naturally weathered rock. Add a unique, rustic feel to your stone with this age old method for dressing stone. This finish is often aged through a tumbling process that softens and rounds the sharp edges of the stone. For pavers with this finish that are not tumbled we recommend a slight edge bevel to increase surface durability and reduce edge chips.

Flamed Pavers: Natural stone can be flamed for a distinct appearance. A flamed finish is a moderate-textured surface used mostly for exterior usage, which also enhances or alters the color of the stone. In this surface treatment the surface of the stone is heated to extreme temperatures followed by rapid cooling. This makes the surface of the stone pop and chip leaving a rough, unrefined texture. These pavers are extremely hard wearing and are ideal for use in high traffic areas of the project, as well as areas where resistance to staining is important. For pavers with a flamed finish we recommend a slight edge bevel to increase surface durability and reduce edge chips. This finish is typically not tumbled.



Flamed & Brushed

Flamed & Brushed Pavers:

Natural stone can be flamed and then brushed for a distinct and softer appearance. While a flamed finish is a moderate-textured surface used mostly for exterior usage, brushing

slightly smoothes a flamed surface. In addition to color enhancement or alteration and added texture enhancement from the flaming process, brushing softens the texture and brings an added sheen to the finish. In this combined surface treatment, first the surface of the stone is flamed and then brushing removes some of the roughness to achieve a textured, lightly rippled and smoother finish with an added sheen. These pavers are extremely hard wearing and are ideal for use in high

traffic areas of the project, pool and barefoot areas, as well as areas where resistance to staining is important. For pavers with the flamed and brushed finish we recommend a slight edge bevel to increase surface durability and reduce edge chips. This finish is typically not tumbled.



Natural Split Lightly Tumbled

Natural Split Pavers:

ExoGeo pavers are also available with this surface treatment for those who desire a more rugged, earthy feel. The split-face treatment provides a rougher, uneven texture, but one not as abrasive as bush-hammered or as even as flamed or flamed & brushed. This finish is typically achieved by hand cutting and chiseling at the quarry, exposing the natural cleft of the stone and is usually the best surface for exhibiting the full depth and diversity in the color and character of a particular stone. A tumbling process after the splitting process delivers a smoother and slightly pitted surface with softer edges and rounded corners. The length of tumbling time is paramount to achieving the desired look. ExoGeo pavers are typically lightly tumbled for a handsome, antiqued appearance, but can be special ordered with a heavier tumble, if an even more worn and antiqued appearance is desired.

Chopped Cobble: ExoGeo cobbles are most often provided in full rough, which means that they are chopped on the top, all sides and bottom. This is the oldest manner for manufacturing stone paving material and produces a very rustic appearance. A chopped surface is an intentionally less refined splitting process than the process used to produce a natural split and results in more variance in height, surface pitch and overall form. Chopped cobble is sometimes antiqued through a tumbling process that softens and rounds the sharp edges of the stone giving them the appearance of having been worn down over hundreds of years of use; the longer the tumbling time, the more antiqued the appearance of the cobble.

Cut Cobble: Not all stones offered in the ExoGeo line are suitable for the chopping process. For certain applications it may be desirable to use cut cobbles. The stone is first cut on all six sides and then tumbled to antique its appearance, which softens and rounds the sharp edges of the stone giving them the appearance of having been worn down over hundreds of years of use; the longer the tumbling time, the more antiqued the

Slate, Limestone and Quartzite Pavers

This new generation of pavers offers the beauty of natural slate, limestone and quartzite. Five popular colors already known from our modular stone systems line along with some exciting new limestone selections are now available in attractive paver options. These durable and easy to maintain natural stone pavers come in several standard and nearly endless special order sizes to provide the perfect finish to your outdoor spaces. Whether incorporated along with other products from our Rox Pro natural modular stone system, Calexia premium natural stone veneers or used separately, they are sure to provide the unique look and texture that will bring your designs truly to life. Please contact us today and schedule an appointment for a full presentation or to discuss your needs on a specific project.



ALPINE JADE
Natural Split Lightly Tumbled Quartzite



AUTUMN HORIZON
Natural Split Lightly Tumbled Slate



BLACK MOUNTAIN
Natural Split Lightly Tumbled Slate



PLACER GOLD
Natural Split Lightly Tumbled Limestone



SIERRA BLUE
Natural Split Lightly Tumbled Limestone



SHELLS REEF BEIGE
Brushed Limestone



SHELLS REEF GOLD
Brushed Limestone

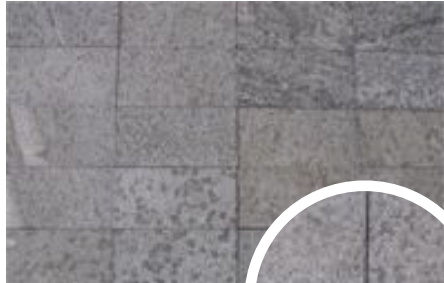


SHELLS REEF ATLANTIS
Brushed Limestone



SHELLS REEF ATLANTIS
Sandblasted Limestone

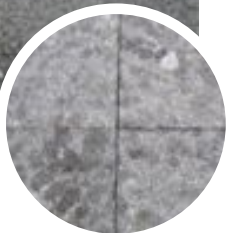
Basalt and Granite Pavers



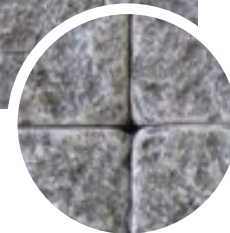
BLACK CRYSTAL
Bush-Hammered



BLACK CRYSTAL
Flamed & Brushed



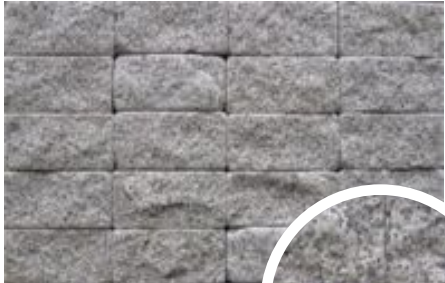
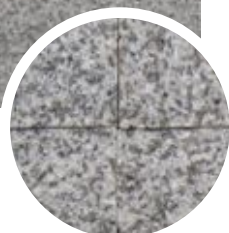
BLACK CRYSTAL
*Natural Split
Lightly Tumbled*



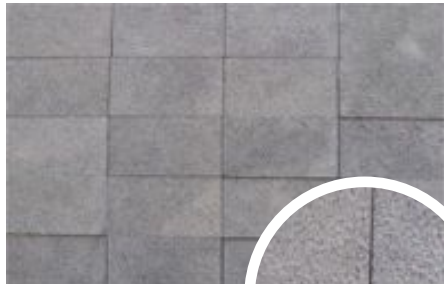
GREY TAUPE
Bush-Hammered



GREY TAUPE
Flamed & Brushed



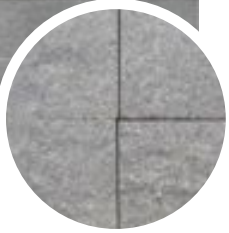
GREY TAUPE
*Natural Split
Lightly Tumbled*



ASH BLACK
Bush-Hammered



ASH BLACK
Flamed & Brushed



ASH BLACK
*Natural Split
Lightly Tumbled*



AUTUMN BLUSH
Bush-Hammered



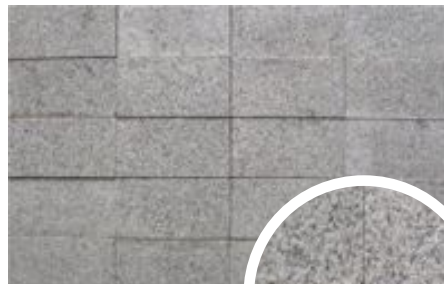
AUTUMN BLUSH
Flamed & Brushed



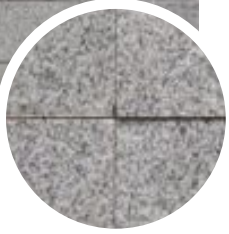
AUTUMN BLUSH
*Natural Split
Lightly Tumbled*



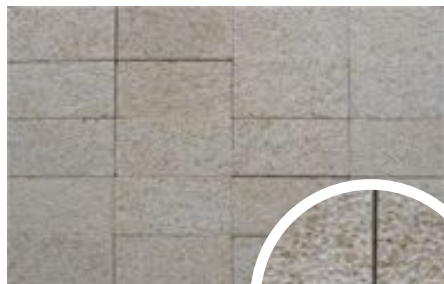
SILVER DUST
Bush-Hammered



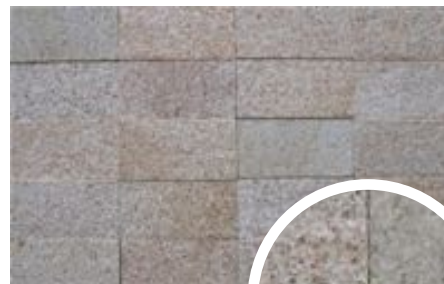
SILVER DUST
Flamed & Brushed



SILVER DUST
*Natural Split
Lightly Tumbled*



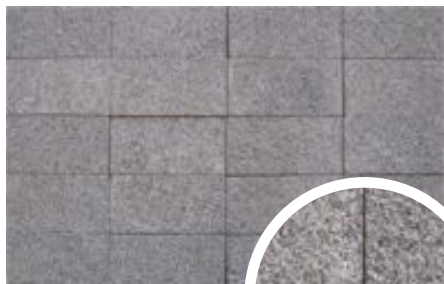
MINER'S PAN
Bush-Hammered



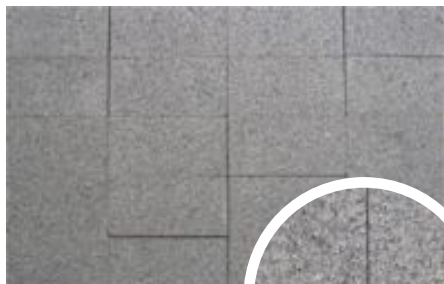
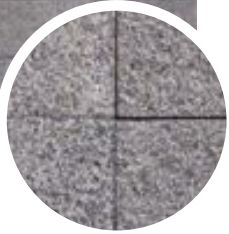
MINER'S PAN
Flamed & Brushed



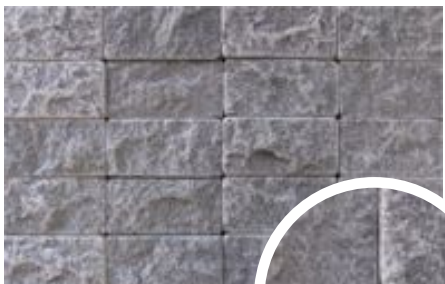
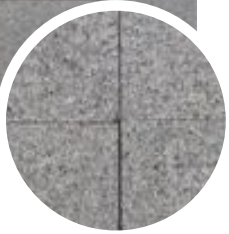
MINER'S PAN
*Natural Split
Lightly Tumbled*



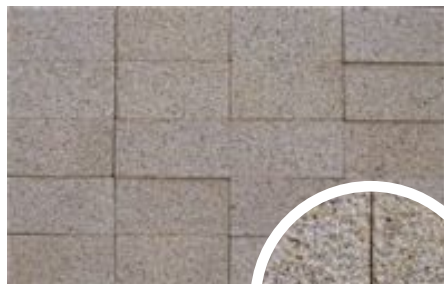
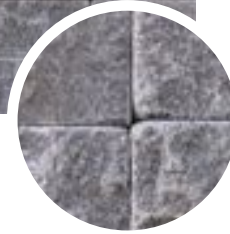
OLDE PEWTER
Bush-Hammered



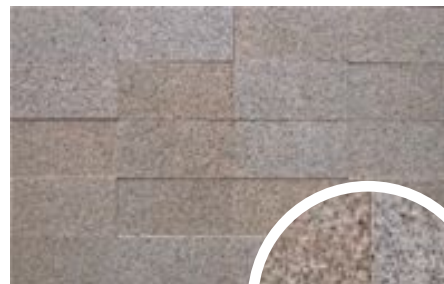
OLDE PEWTER
Flamed & Brushed



OLDE PEWTER
*Natural Split
Lightly Tumbled*



GOLDEN TOPAZ
Bush-Hammered



GOLDEN TOPAZ
Flamed & Brushed



GOLDEN TOPAZ
*Natural Split
Lightly Tumbled*



Paver Thickness



▲ 1 3/8" thick pavers are perfect for overlaying existing concrete driveways, walkways and patios, or sand-set for walkways and patios





▲ 2" thick pavers are great for sand-set residential driveways (light duty), walkways and patios; (most common paver thickness)




▲ 3" thick pavers are available for sand-set custom residential driveways (medium duty)

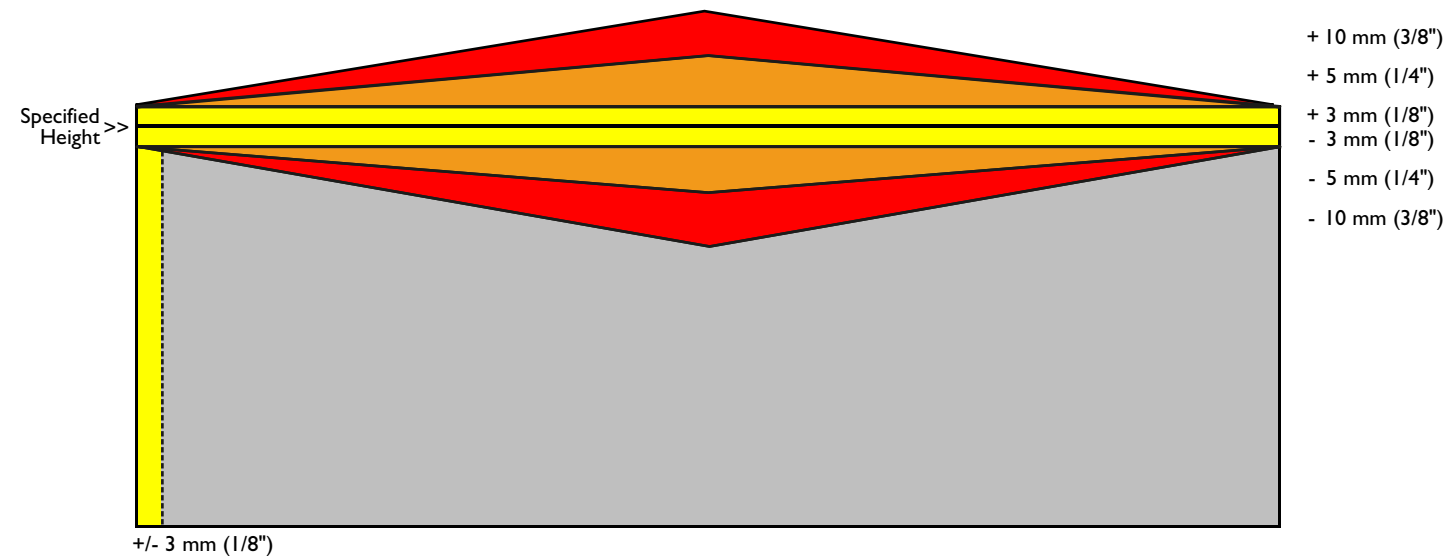
Tolerances


 Height variance area for a Natural Split-Top paver with a surface area of more than 81 square inches (9" x 9")

 Height variance area for a Natural Split-Top paver with a surface area of 81 square inches (9" x 9") or less

 Height variance area for a Cut-Top paver with a surface area of more than 81 square inches (9" x 9").

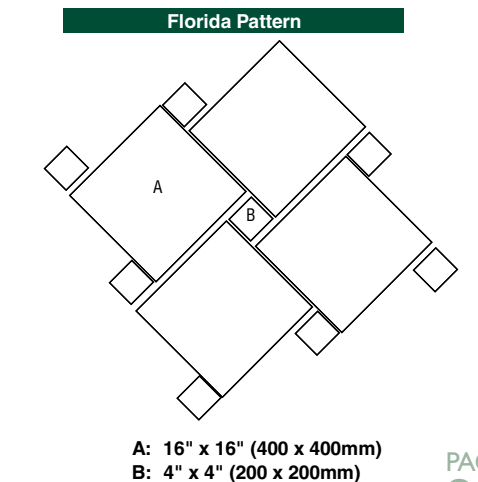
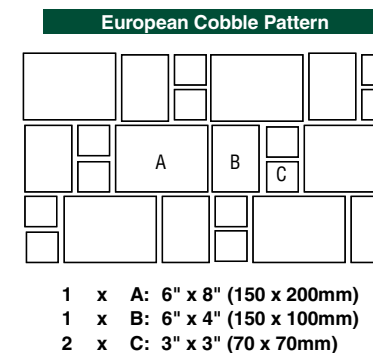
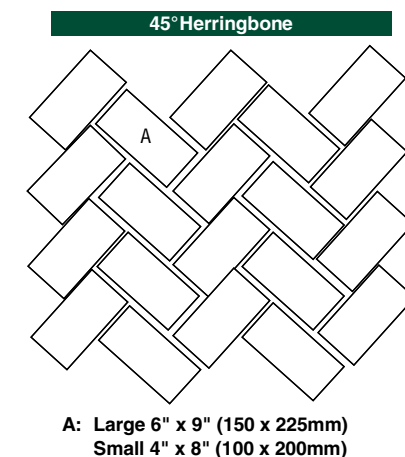
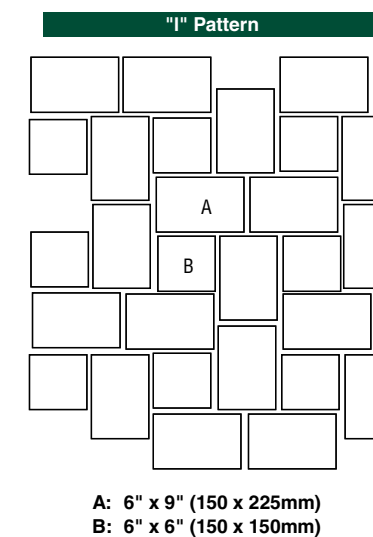
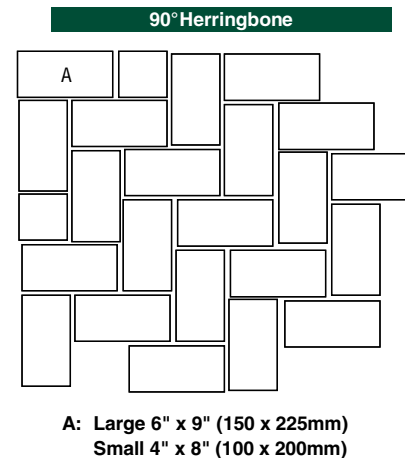
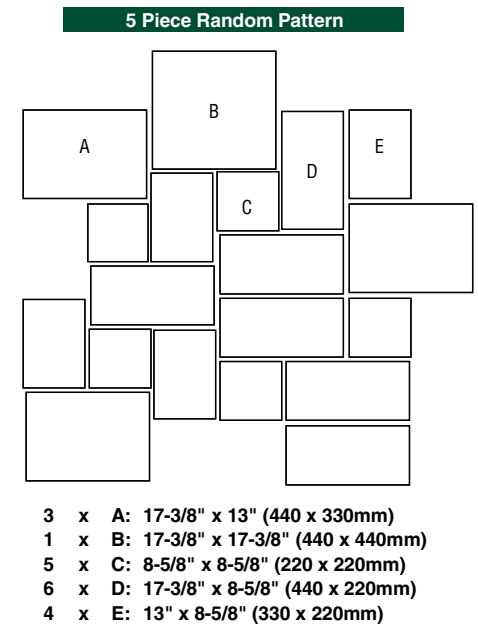
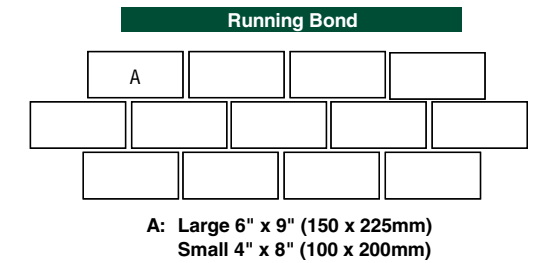
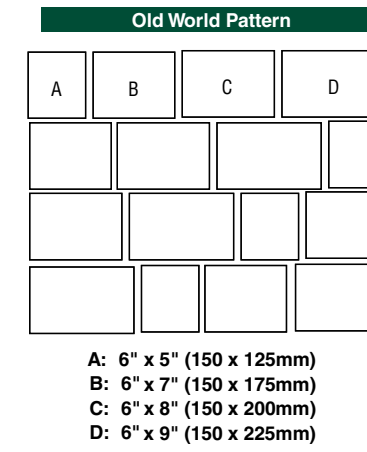
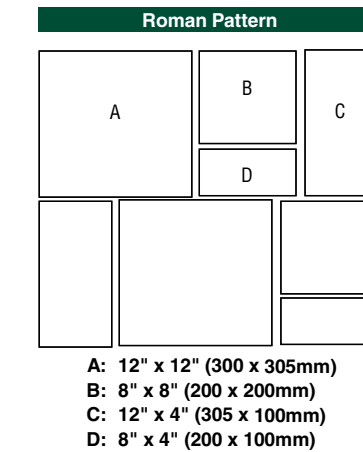
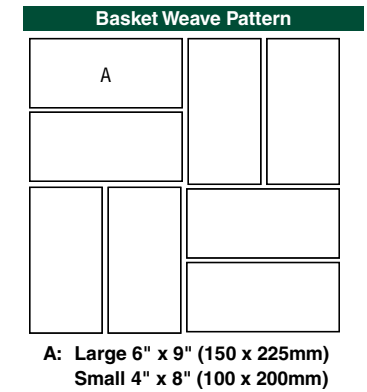
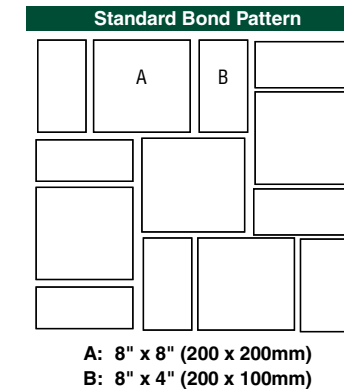
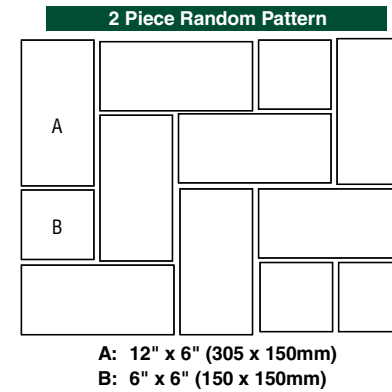
Edge-height variance area for a Natural Split-Top paver.
Length/Width variance of a Cut-Sides paver



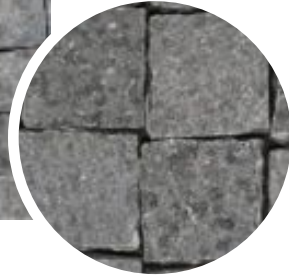
	Top Surface	Sides	Bottom	Finish Options	Nominal Width and Length	Nominal Thickness	Weight
 Pavers	Natural Split*	Cut	Cut	Unfinished (Natural) or Tumbled (Light or Heavy)	4.0"w x 4.0"l 4.0"w x 8.0"l 8.0"w x 8.0"l 6.0"w x 6.0"l 6.0"w x 9.0"l 9.0"w x 9.0"l 12.0"w x 12.0"l Custom	1 3/8", 2.0", or 3.0" Custom	Weight varies by size, thickness and the type of natural stone selected
	Cut and Flamed, Brushed, Bush-hammered or Combination	Cut	Cut	Beveled Top Edges or Tumbled (Light or Heavy)			

*The Natural Split top surface can have significant cleaving or up and down movement in the surface. For large pavers in some stone types (colors) Real Stone Source does not recommend this surface. Please check with your sales representative for more details.

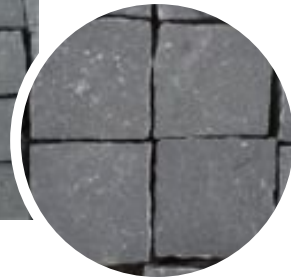
Paver Patterns



Basalt and Granite Cobbles



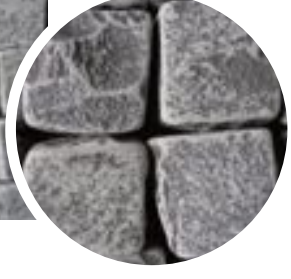
BLACK CRYSTAL
Chopped - Full Rough



ASH BLACK
Chopped - Full Rough



BLACK CRYSTAL
Chopped - Tumbled



ASH BLACK
Chopped - Tumbled



MINER'S PAN
Chopped - Full Rough



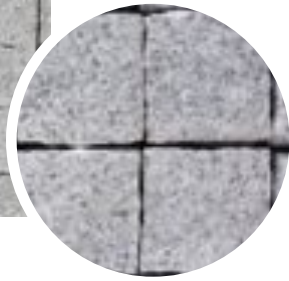
GOLDEN TOPAZ
Chopped - Full Rough



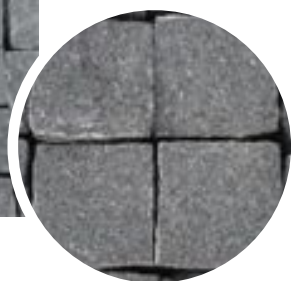
MINER'S PAN
Chopped - Tumbled



GOLDEN TOPAZ
Chopped - Tumbled



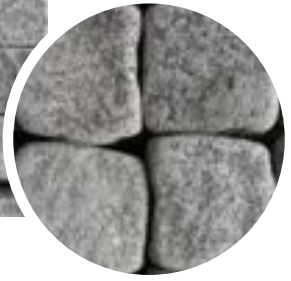
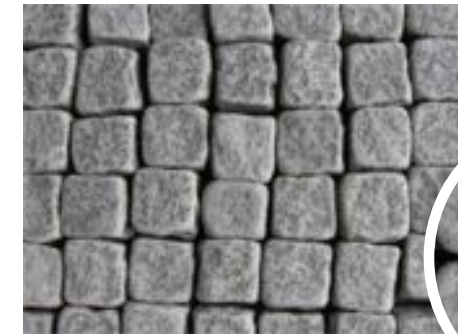
SILVER DUST
Chopped - Full Rough



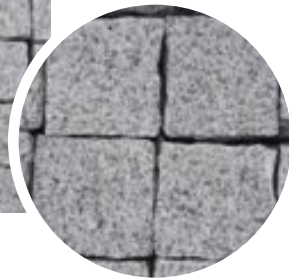
OLDE PEWTER
Chopped - Full Rough



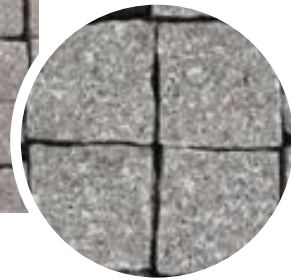
SILVER DUST
Chopped - Tumbled



OLDE PEWTER
Chopped - Tumbled



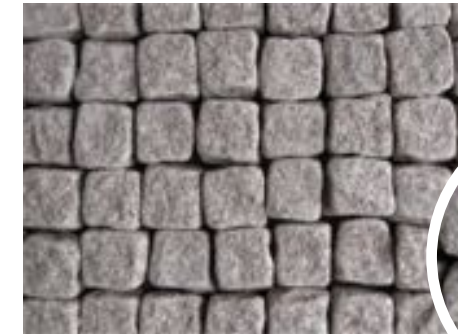
GREY TAUPE
Chopped - Full Rough



AUTUMN BLUSH
Chopped - Full Rough



GREY TAUPE
Chopped - Tumbled



AUTUMN BLUSH
Chopped - Tumbled

Cobble Thickness



1 3/8" thick cobbles are perfect for overlaying existing concrete driveways, walkways and patios



2" thick cobbles can be sand-set for residential driveways (light duty), walkways and patios



3" thick cobbles are great for sand-set custom residential driveways (medium duty), walkways and patios; (most common cobble thickness)

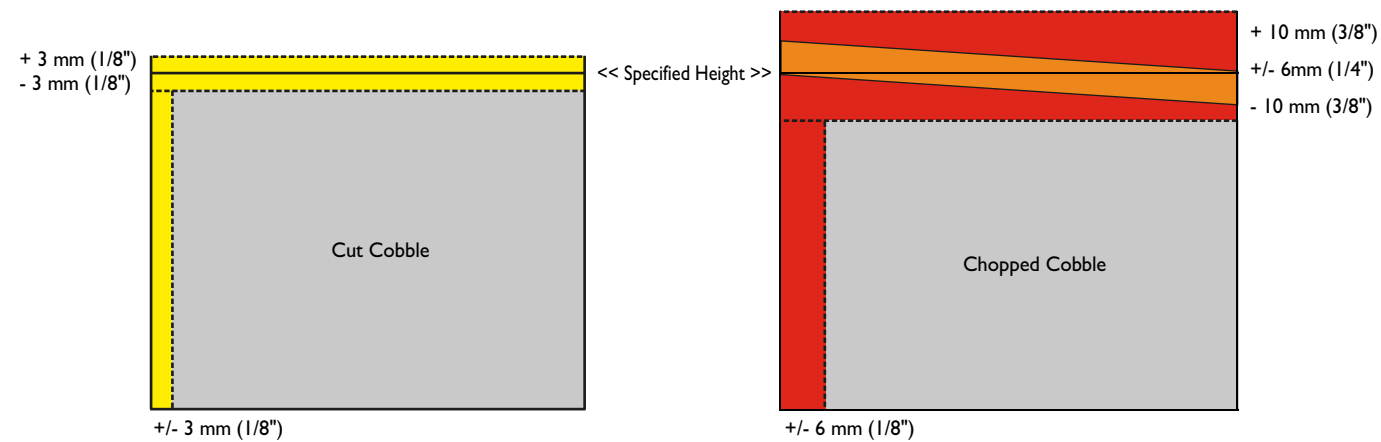


4" thick cobbles are available for sand-set commercial driveways (heavy duty)



Tolerances

- Height variance area for a Cut-Six-Sides cobble. Length/Width variance of a Cut-Six-Sides cobble.
- Pitch variance area for a Chopped-Six-Sides cobble. Height variance area for a Chopped-Five-Sides/Cut-Bottom cobble.
- Height variance area for a Chopped-Six-Sides cobble. Length/Width variance of a Chopped-Four-Sides cobble.



	Top Surface	Sides	Bottom	Finish Options	Nominal Dimensions	Nominal Thickness	Weight
	Chopped (Rough Split)	Chopped (Rough Split)	Cut	Unfinished (Natural) or Tumbled (Light or Heavy)	3.5"w x 3.5"l 4.0"w x 4.0"l Custom	1 3/8", 2.0", 3.0", or 4.0" Custom	Weight varies by size, thickness and the type of natural stone selected
	Natural Split	Cut	Cut	Unfinished (Natural) or Tumbled (Light or Heavy)			
	Cut and Flamed, Brushed, Honed, or Combination	Cut	Cut	Beveled Top Edges or Tumbled (Light or Heavy)			



Accessories

To help complement your green designs, natural stone tiles, pool coping, stair treads, block stairs, palisades, curbing, pillars, detectable warning, and windowsills are also offered as accessories to the versatile ExoGeo line. These are available in matching colors to our cobbles and pavers and will create a seamless transition through the entire application. To discuss your needs on a specific project, please contact the Real Stone Source Sales Team today and schedule an appointment for a full presentation.

We welcome your ideas for additional options not listed above. If you let us know about your design ideas, we will work with you to make them a reality!



DETECTABLE WARNING



NATURAL STONE TILE



POOL COPING



STAIR TREAD



CURBING

Sand Set Installation Suggestion

- ① SUBGRADE COMPACTED TO SOIL ENGINEER RECOMMENDATIONS.
- ② GEOTEXTILE FABRIC AS REQUIRED.
- ③ AGGREGATE BASE 4" TO 6" MINIMUM ACCORDING TO PROJECT ENGINEER RECOMMENDATIONS, IN LIFTS NO GREATER THAN 2".
- ④ EDGE RESTRAINT AS RECOMMENDED BY PROJECT ENGINEER.
- ⑤ SAND BED UN-COMPACTED, SCREED TO 1".
- ⑥ STONE COBBLE/PAVER COMPACTED USING 1/2" PLYWOOD OR EQUAL TO MINIMIZE SCARRING OF STONE.

SAND SET

*SUGGESTED INSTALLATION PROCEDURES ARE SUBJECT TO LOCAL BUILDING CODES AND NEED TO BE APPROVED BY THE ENGINEER OF RECORD. ALL DIMENSIONS ARE APPROXIMATE N.T.S.

COBBLE & PAVER SUGGESTED INSTALLATION DETAILS*

Mortar Set Installation Suggestion

- ① SUBGRADE COMPACTED TO SOIL ENGINEER RECOMMENDATIONS.
- ② GEOTEXTILE FABRIC AS REQUIRED.
- ③ AGGREGATE BASE 4" TO 6" MINIMUM ACCORDING TO PROJECT ENGINEER RECOMMENDATIONS. COMPACTED IN LIFTS NO GREATER THAN 2" TO PROCTOR DENSITY NO LESS THAN 98%.
- ④ CONCRETE SLAB 4" MINIMUM ACCORDING TO PROJECT ENGINEER RECOMMENDATIONS.
- ⑤ MORTAR BED 1" MINIMUM.
- ⑥ STONE COBBLE/PAVER.
- ⑦ FLUSH JOINTS.

MORTAR SET

*SUGGESTED INSTALLATION PROCEDURES ARE SUBJECT TO LOCAL BUILDING CODES AND NEED TO BE APPROVED BY THE ENGINEER OF RECORD. ALL DIMENSIONS ARE APPROXIMATE N.T.S.

COBBLE & PAVER SUGGESTED INSTALLATION DETAILS*

Installation Suggestion*

SAND SET:

Excavation: Excavate project to appropriate depth. Consider depth requirements for aggregate base, sand bed, paver and settling under compaction.

Subgrade: Compacted, according to soil type and stability. Consult compaction equipment manufacturer and/or soil engineer for appropriate equipment to compact specific soil types. Achieve no less than 98% proctor density.

Geotextile Fabric: As required. Consult soil or project engineer.

Aggregate Base: Conforming to typical under asphalt road base.

- Minimum 4"-6" (typical) for pedestrian traffic
- Minimum 6"-8" (typical) for light vehicular traffic
- Compact to proctor density no less than 98% and in lifts no more than 2" each.

Edge Restraint: Use appropriate edge restraint, according to use and desired aesthetics. Surface mounted restraints should be applied directly to aggregate base surface. Imbedded restraints should be anchored to a depth appropriate for the form of the restraint.

Sand Bed: Washed, dry concrete sand, un-compacted. Screed to nominal 1".

Pavers: Set pavers in desired pattern. Compact pavers using a vibratory plate and 1/2" sheet of plywood or equal to minimize scarring of stone. Run compactor in overlapping runs to ensure even settling.

Joint Sand: Spread dry concrete, or appropriate joint sand over paver surface, sweeping it into joints.

Re-Compact: Sweep joint sand clear and re-compact, using 1/2" plywood or equal to minimize scarring of stone. Run compactor in overlapping runs to ensure even settling.

*Installation suggestions appropriate for residential pedestrian and light residential vehicular traffic only. For commercial and heavy vehicular traffic applications, consult a qualified engineer. It is recommended that an experienced, licensed contractor be used for installation. Stone pavers and cobble are natural materials with varied characteristics and may perform/react differently under varied conditions. Installation suggestions are general recommendations and need to be reviewed and approved by the engineer of record.

Installation Suggestion*

MORTAR SET:

Excavation: Excavate project to appropriate depth. Consider depth requirements for aggregate base, mortar bed, paver and settling under compaction.

Subgrade: Compacted, according to soil type and stability. Consult compaction equipment manufacturer and/or soil engineer for appropriate equipment to compact specific soil types. Achieve no less than 98% proctor density.

Geotextile Fabric: As required. Consult soil or project engineer.

Aggregate Base: Conforming to typical under asphalt road base.

- Minimum 4"-6" (typical) for pedestrian traffic
- Minimum 6"-8" (typical) for light vehicular traffic
- Compact to proctor density no less than 98% and in lifts no more than 2" each.

Concrete Slab: Minimum 4" (typical), or as appropriate for intended use, including corresponding compressive strength of concrete mix.

Mortar Bed: Minimum 1" in depth. Allow for mortar bed to set, minimum 24 hours prior to grouting.

Pavers: Set pavers in desired pattern, keeping grout joints evenly spaced. Maintain flush joints.

Grouting: Grout joints using standard grouting methods, according to the specific conditions and volumes of the project; including the use of grout bags or field spread mortar, cleared flush with a squeegee and cleaned using wet burlap sacks or blankets, dragged over the grouted pavement and rinsed frequently with clean water.

*Installation suggestions appropriate for residential pedestrian and light residential vehicular traffic only. For commercial and heavy vehicular traffic applications, consult a qualified engineer. It is recommended that an experienced, licensed contractor be used for installation. Stone pavers and cobble are natural materials with varied characteristics and may perform/react differently under varied conditions. Installation suggestions are general recommendations and need to be reviewed and approved by the engineer of record.