



Champlain Stone[®]

QUARRIERS OF NATURAL STONE



South Bay QUARTZITE®

American GRANITE™

Corinthian GRANITE®

Mosaic Pattern

Irregularly shaped quarry material exhibiting the seam face and/or natural face of the stone



Roughly Squared/ Roughly Rectangular

Drawn from cutting stock that is produced on guillotines to approximate squares and rectangles and exhibiting the seam face and/ or the natural face of the stone



Ashlar

Basically rectangular and exhibiting the split face of the stone revealing striations that can be quite colorful



Ledge Stone

Basically rectangular and presenting a more linear appearance with shallower, less variable heights exhibiting both seam and split faces



Saratoga
GRANITE™

Wood Creek
GRANITE®

1763
GRANITE®

Ticonderoga
GRANITE®



South Bay QUARTZITE®

A warm and inviting quartzitic sandstone featuring advancing and receding surfaces that resemble a windswept and sandy beach. Visually smooth yet heavily textured, South Bay Quartzite® displays a range of comforting hues in a palette of tan, antique white, ice blue, amber, and brown.

AVAILABLE CUTS - BUILDING STONE & THIN VENEER



*Top row from left: Mosaic Pattern, Roughly Squared/Roughly Rectangular
Bottom row from left: Ashlar, Ledge Stone,*





Mosaic



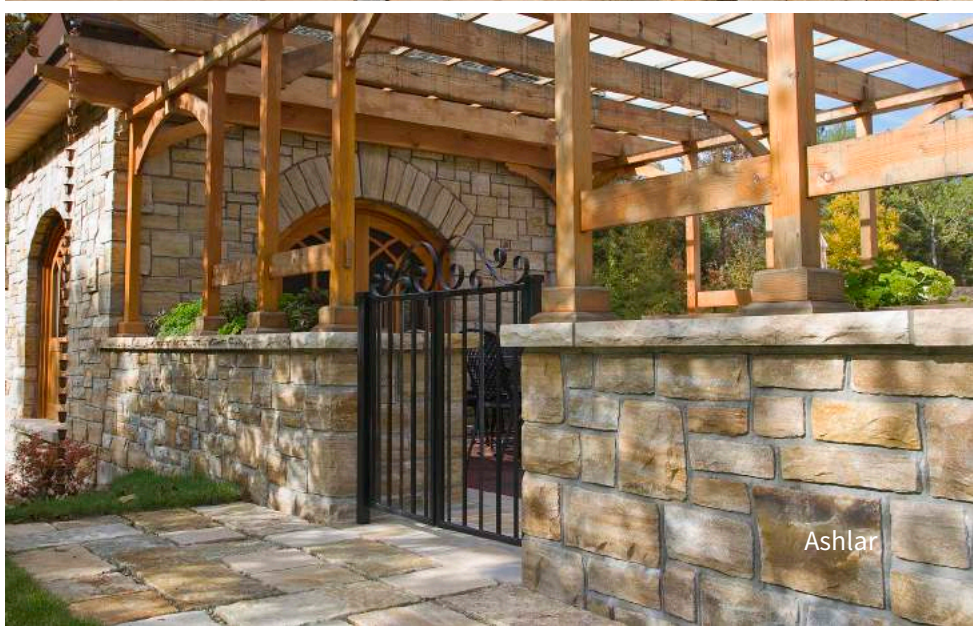
Roughly Squared/ Roughly Rectangular



Roughly Squared/ Roughly Rectangular Ashlar Ledge



Roughly Squared/ Roughly Rectangular Ashlar Ledge



Ashlar

AVAILABLE CUTS - LANDSCAPING STONE

- IRREGULAR FLAGGING
- GARDEN STEPPERS
- SLAB MATERIAL
- LANDSCAPE BOULDERS
- THIN WALL STONE
- COTTAGE WALL STONE
- WALL STONE



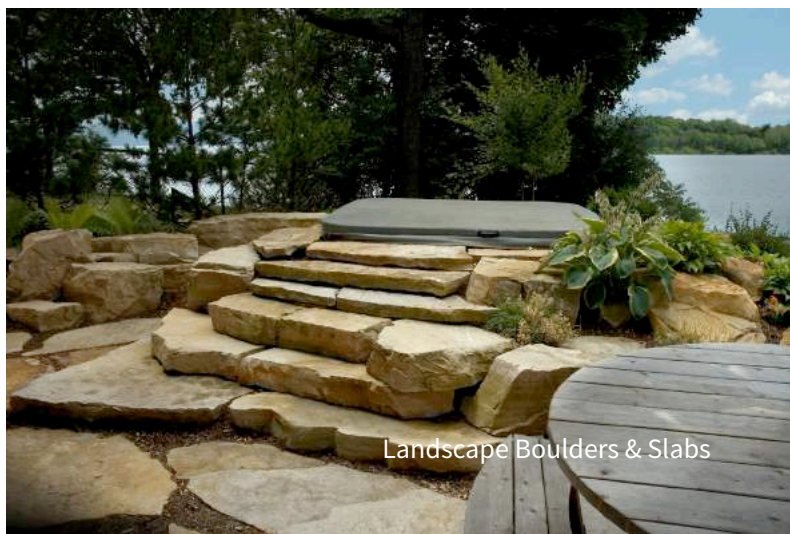
Irregular Flagging



Boulders



Wall Stone



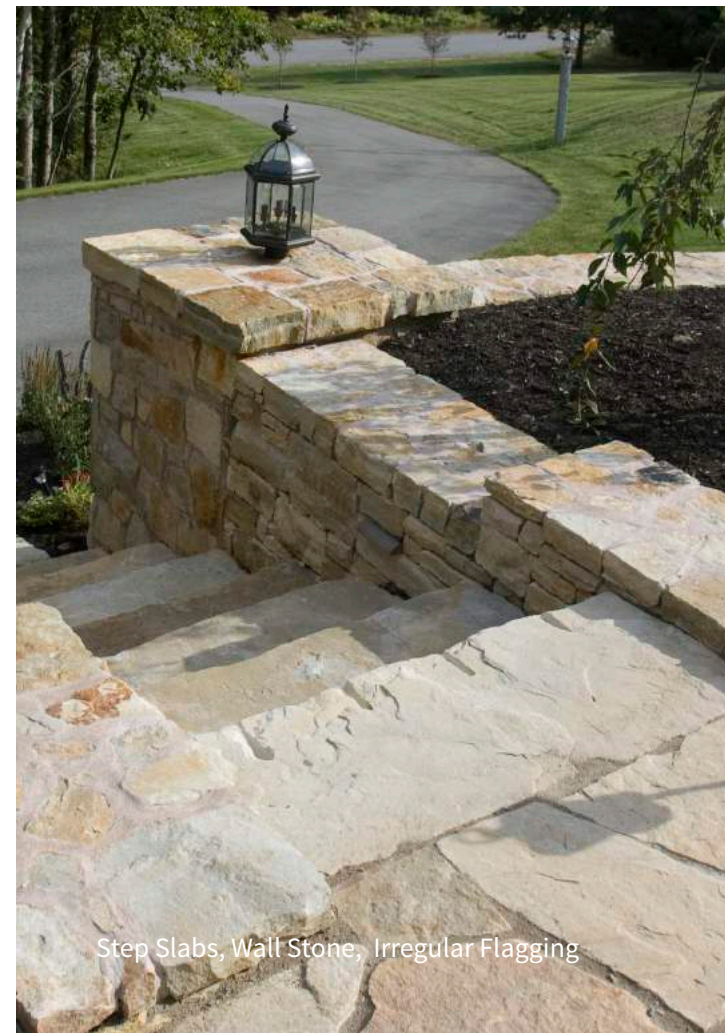
Landscape Boulders & Slabs



Garden Steppers



Step Slabs



Step Slabs, Wall Stone, Irregular Flagging



Step Slabs



Irregular Flagging

American GRANITE™

A medium to coarse-grain, *weathered* granite featuring brown and earth tone surface colors with hand-split faces showing a blend of blue, burgundy, pink, green, brown, black and white. Mica flecks, along with garnet inclusions and quartz crystals, highlight a percentage of this stone.

AVAILABLE CUTS - BUILDING STONE & THIN VENEER



Clockwise from top left: Mosaic Pattern, Roughly Squared/Roughly Rectangular, Ashlar, Ledge Stone



Custom Blend



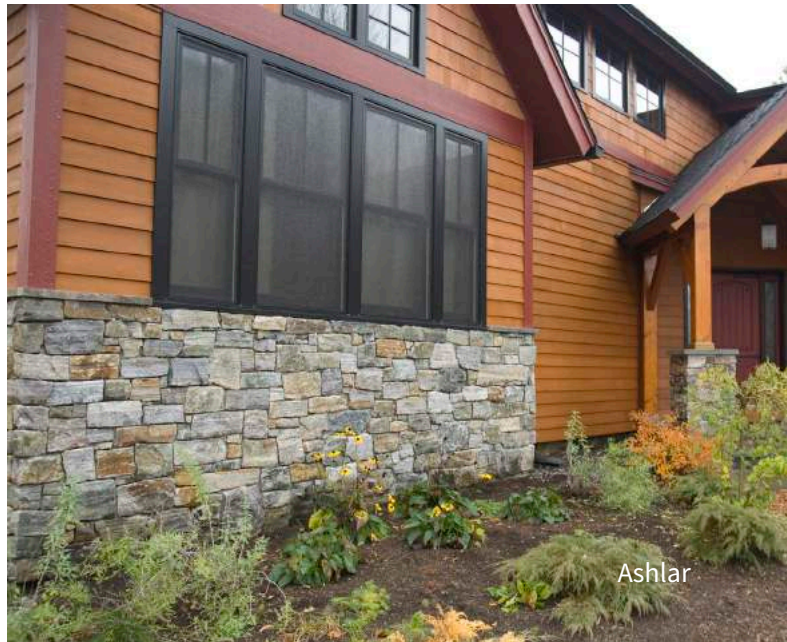
Ledge & Roughly Squared/ Roughly Rectangular Blend



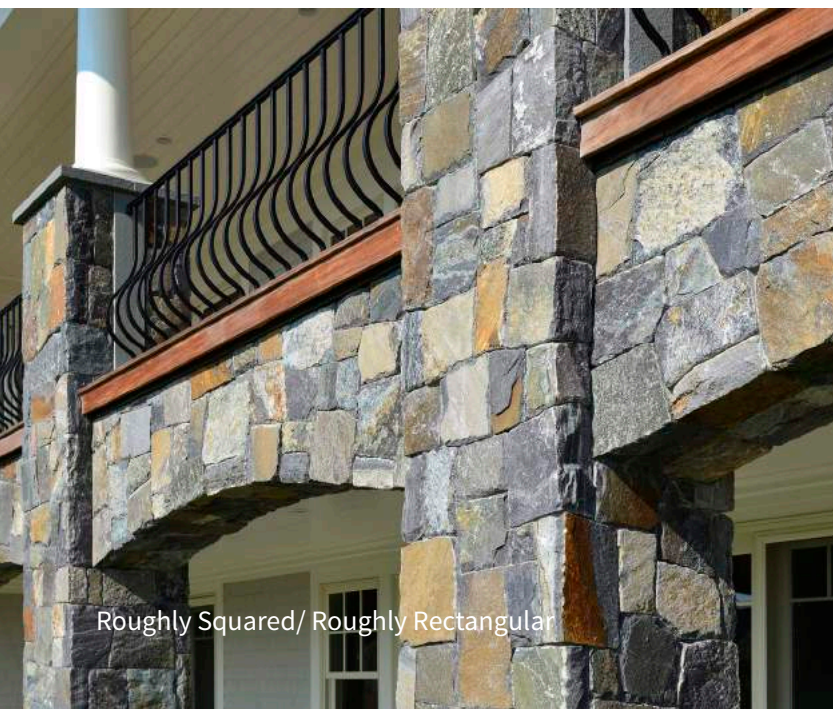
Roughly Squared/ Roughly Rectangular



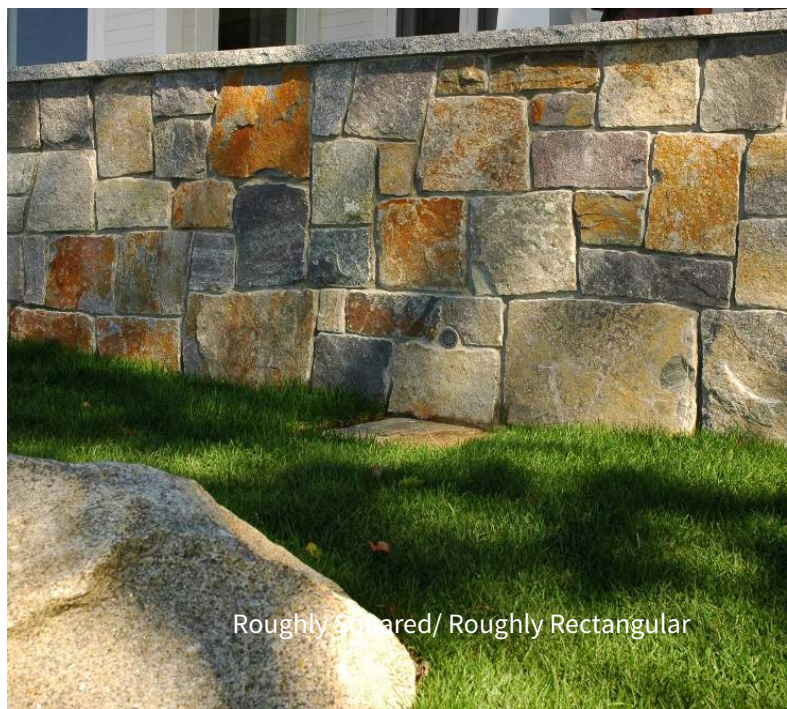
Roughly Squared/ Roughly Rectangular



Ashlar



Roughly Squared/ Roughly Rectangular



Roughly Squared/ Roughly Rectangular

Corinthian GRANITE®

Cool and classic, Corinthian Granite® is an elegant, enduring, medium to coarse grain granite featuring 70% Hudson River blue with a mixture of green, black, pink, brown, burgundy, and white. A small percentage contains black speckles throughout consisting of red and black garnet inclusions and quartz crystals.

AVAILABLE CUTS - BUILDING STONE & THIN VENEER



*Top row from left: Mosaic Pattern, Roughly Squared/Roughly Rectangular
Bottom row from left: Ashlar, Ledge Stone*



Ashlar & Ledge



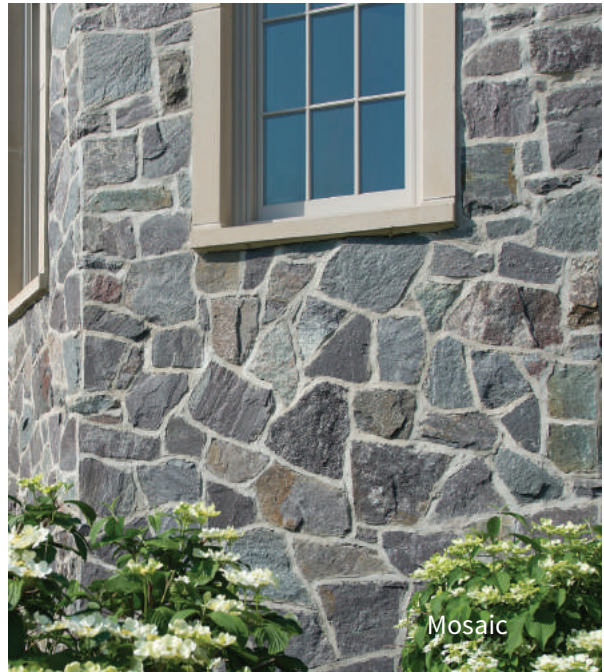
Roughly Squared/ Roughly Rectangular



Roughly Squared/ Roughly Rectangular



Ashlar & Ledge



Mosaic



Ashlar



Roughly Squared/ Roughly Rectangular

Our Combination of **American** GRANITE™ & **Corinthian** GRANITE®

Saratoga GRANITE™

The ideal complement to both our American and Corinthian Granites, Saratoga Granite™ blends a base color palette of Hudson River blue, deep green, burgundy, and classic white with a lesser percentage of varying weathered faces.

AVAILABLE CUTS - BUILDING STONE & THIN VENEER



*Top row from left: Mosaic Pattern, Roughly Squared/Roughly Rectangular
Bottom row from left: Ashlar, Ledge Stone*

Landscaping Stone:

AVAILABLE CUTS

- IRREGULAR FLAGGING
- GARDEN STEPPERS
- SLAB MATERIAL
- LANDSCAPE BOULDERS
- THIN WALL STONE
- COTTAGE WALL STONE
- WALL STONE
- CUSTOM



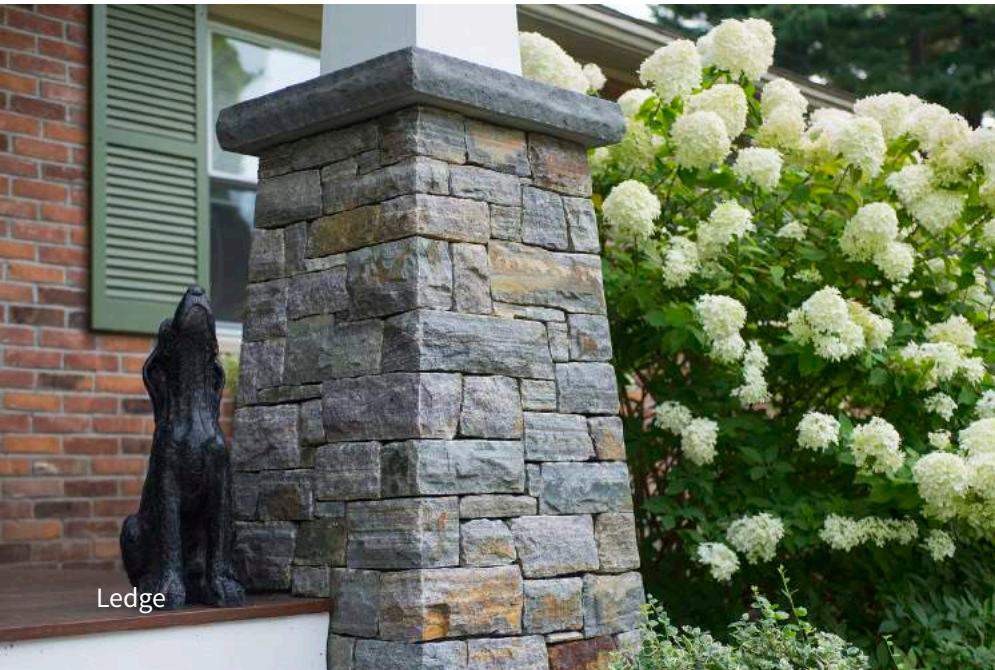
Boulders



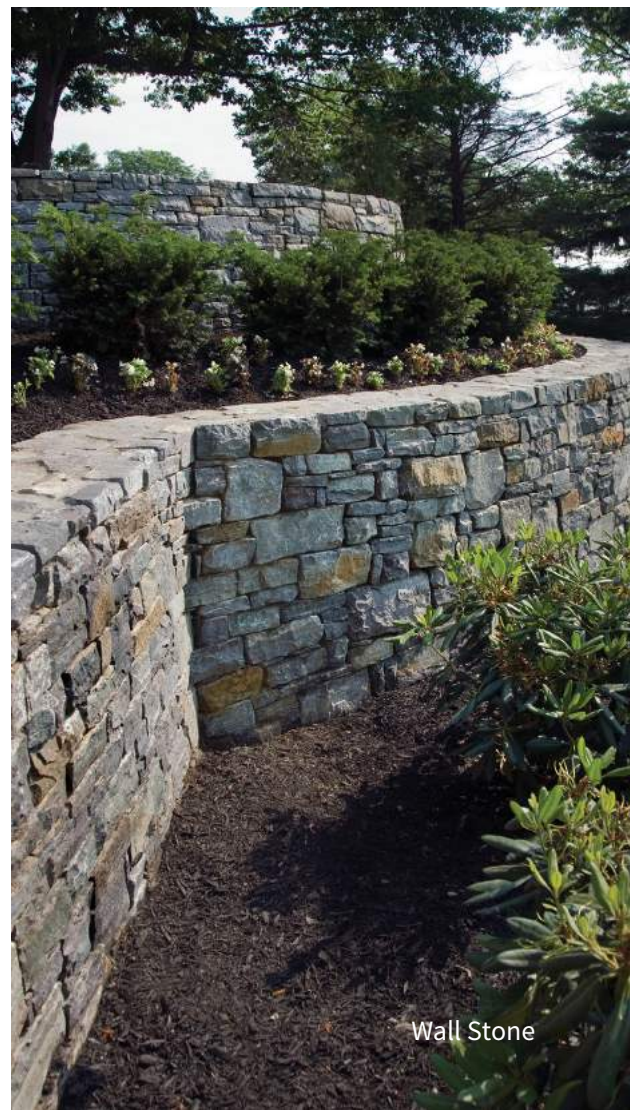
Ledge & Roughly Squared/ Roughly Rectangular Blend



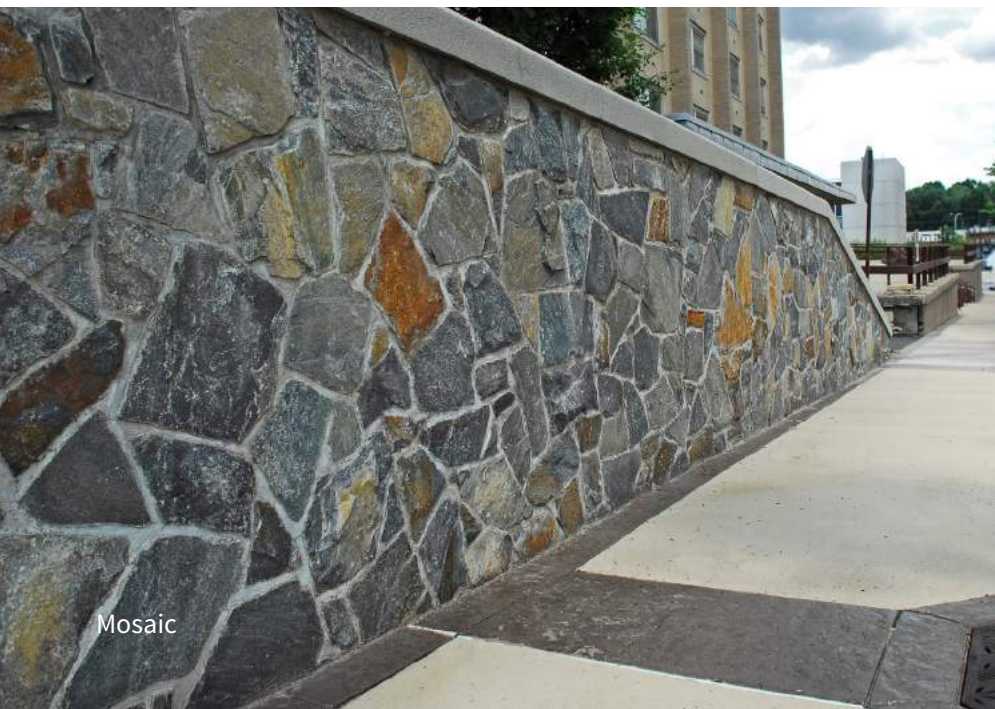
Irregular Flagging



Ledge



Wall Stone



Mosaic

Wood Creek GRANITE®

A gray-blue to dark gray granite with patterns of white swirls and striations with occasional quartz and mica inclusions and presenting characteristics of a Westchester Granite blend.

AVAILABLE CUTS - BUILDING STONE & THIN VENEER



*Top row from left: Mosaic Pattern, Roughly Squared/Roughly Rectangular
Bottom row from left: Ashlar, Ledge Stone*



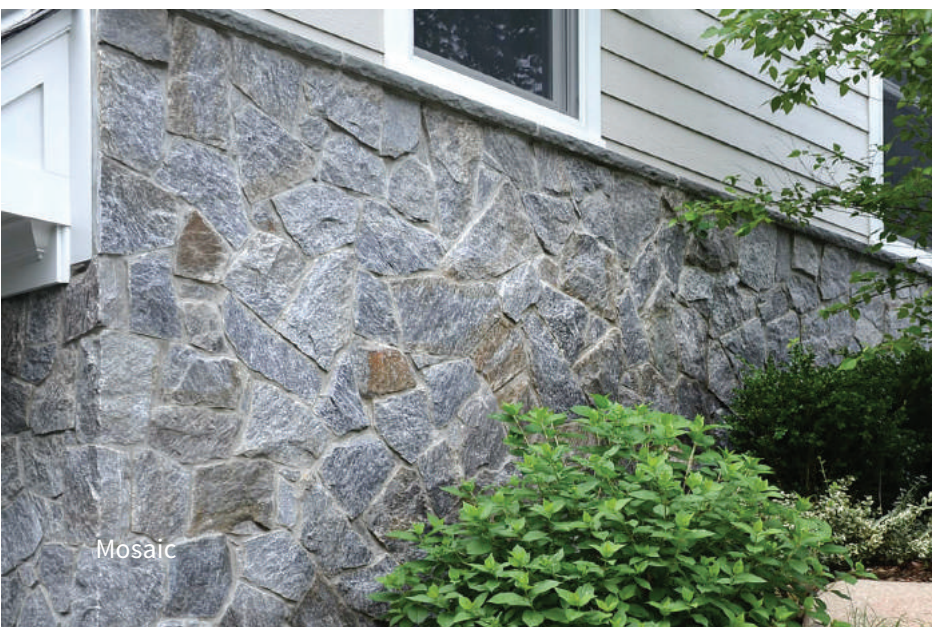
Ledge



Roughly Squared/ Roughly Rectangular



Mosaic



Mosaic



Roughly Squared/ Roughly Rectangular



Roughly Squared/ Roughly Rectangular

1763 GRANITE®

Cozy and sound, 1763 is a hearty, weathered granite showing deep shades of earthen brown and amber. Split faces show a range of blush and blue-grays with some white swirls and striations.

AVAILABLE CUTS - BUILDING STONE & THIN VENEER



Clockwise from top left: Mosaic Pattern, Roughly Squared/Roughly Rectangular, Ledge Stone, Ashlar



Roughly Squared/ Roughly Rectangular



Ashtar



Roughly Squared/ Roughly Rectangular



Roughly Squared/ Roughly Rectangular



Ashtar



Ledge

Our Combination of Wood Creek GRANITE® & 1763 GRANITE®

Ticonderoga GRANITE®

Colorful and hearty, Ticonderoga Granite® blends fine-grained and weathered granites within a softer, less earthen color palette that features an appealing mix of gray-blue, caramel, amber, blush, pale green, and deep shades of brown.

AVAILABLE CUTS - BUILDING STONE & THIN VENEER

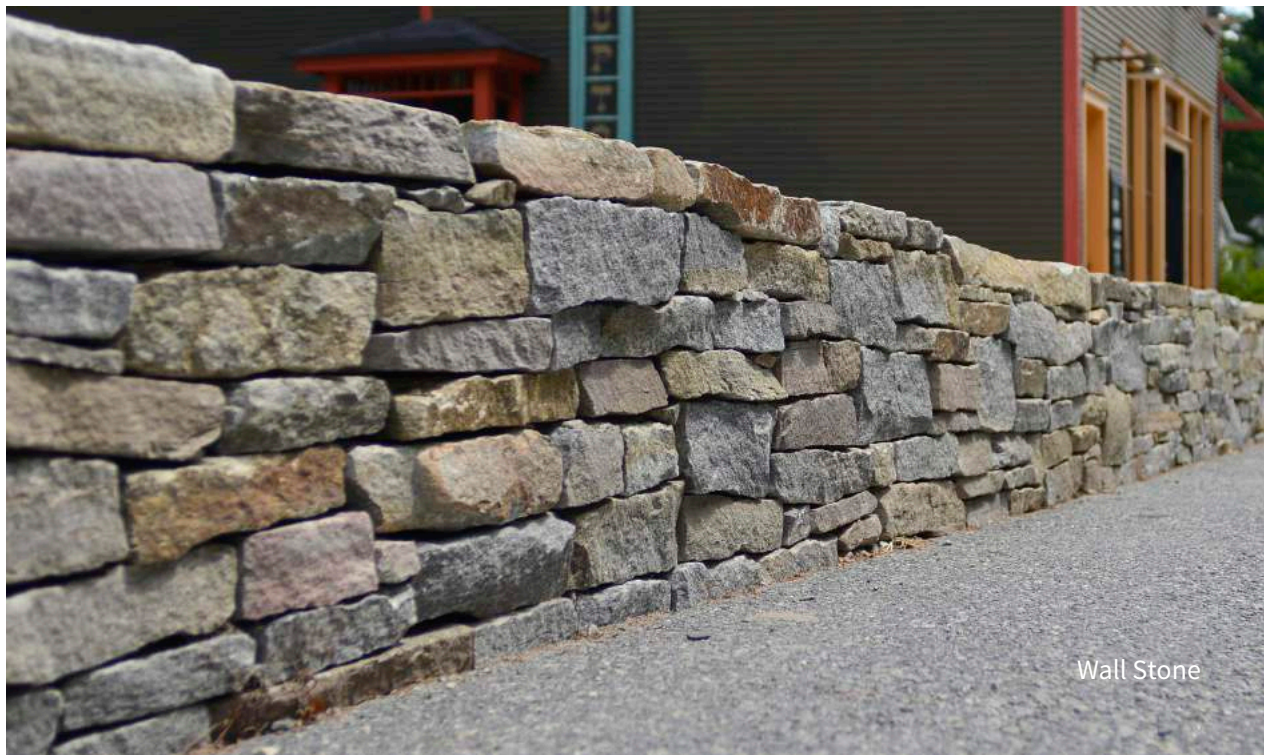


*Top row from left: Mosaic Pattern, Roughly Squared/Roughly Rectangular
Bottom row from left: Ashlar, Ledge Stone,*

Landscaping Stone:

AVAILABLE CUTS

- IRREGULAR FLAGGING
- GARDEN STEPPERS
- SLAB MATERIAL
- LANDSCAPE BOULDERS
- THIN WALL STONE
- COTTAGE WALL STONE
- WALL STONE
- CUSTOM



Wall Stone



Roughly Squared/ Roughly Rectangular



Roughly Squared/ Roughly Rectangular



Wall Stone Blend



Garden Steppers



Flagging & Thin Wall

Adirondack Mtn. FIELDSTONE™

A rugged, natural-weather top rock which is reminiscent of the stones used to build the Great Adirondack Mountain camps of the early twentieth century. Available in a wide range of sizes, textures, and colors including weathered gray, brown, and aged buff.



From baseballs to basketballs:

While typical packaging consists of a “variety pack” of sizes and colors, custom options are available.





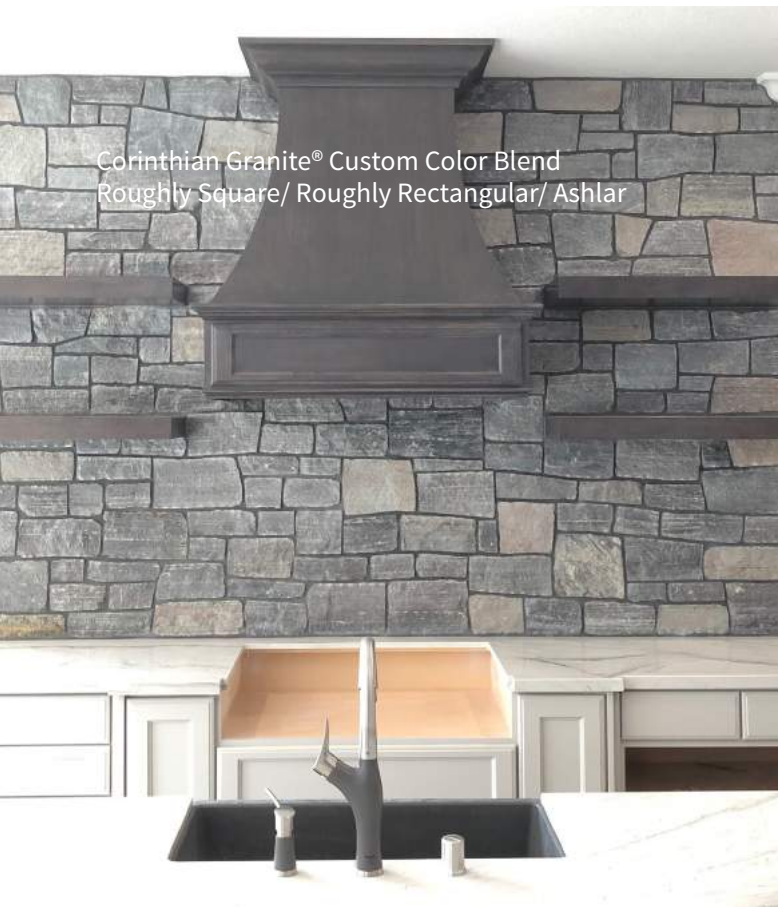
Custom Interiors



American Granite® Custom Color Blend



American Granite® Custom Blend



Corinthian Granite® Custom Color Blend
Roughly Square/ Roughly Rectangular/ Ashlar



Corinthian Granite® Custom Blend



Wood Creek Granite® Custom Blend



Saratoga Granite® Custom Blend



American Granite® Ledge with Sealer



American Granite® Custom Blend

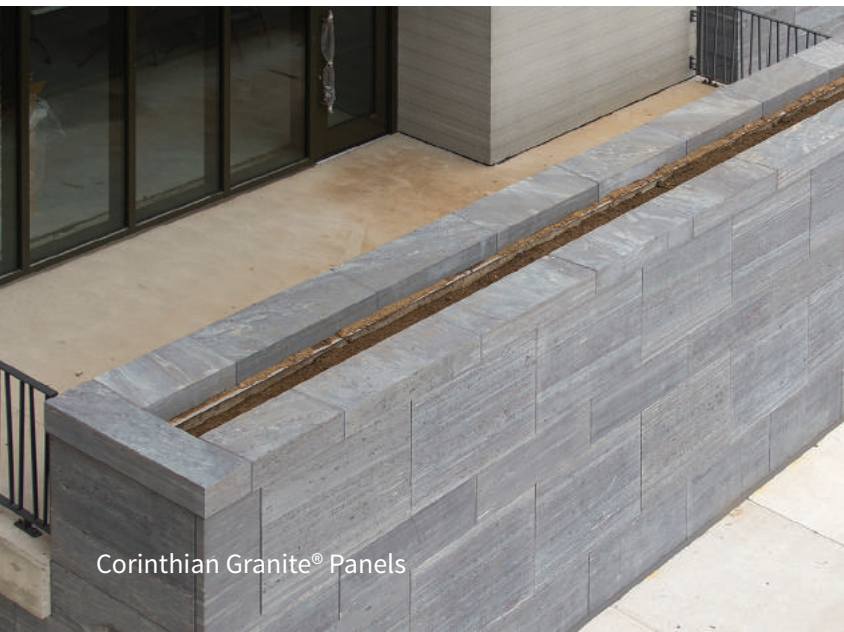
Custom Exteriors



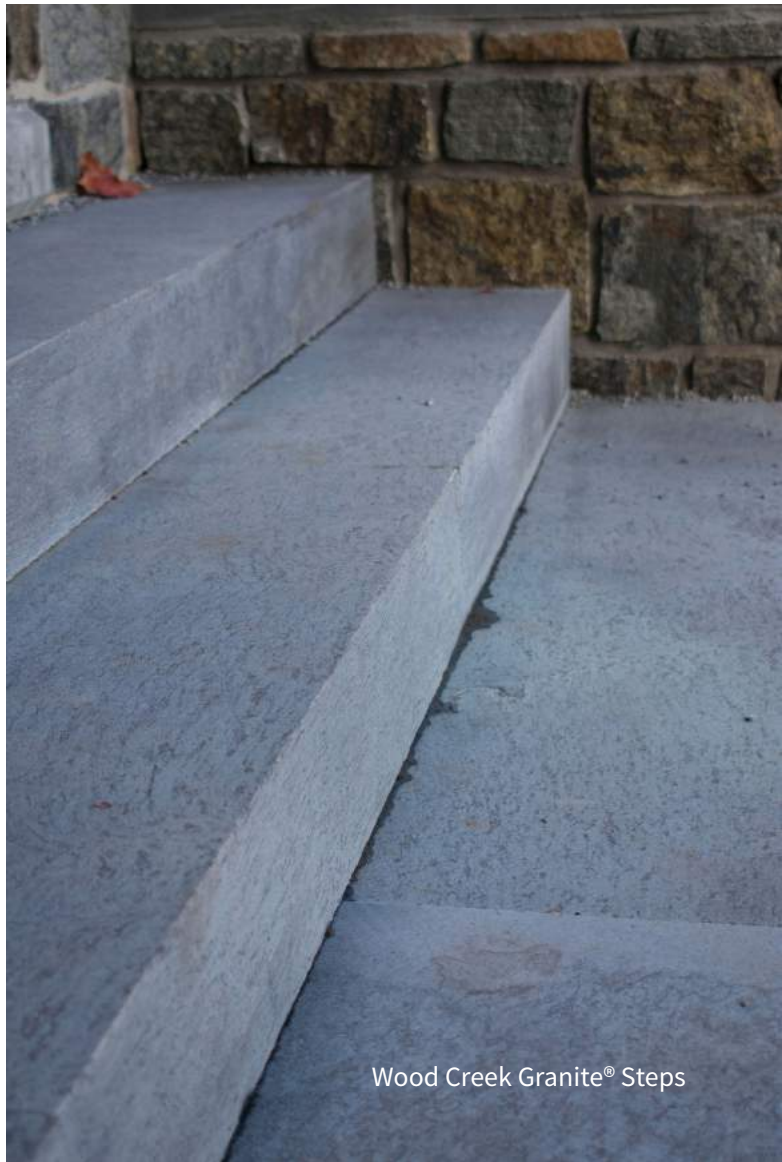
Corinthian Granite® Paving



Corinthian Granite® Cap



Corinthian Granite® Panels



Wood Creek Granite® Steps



Wood Creek Granite® Planking



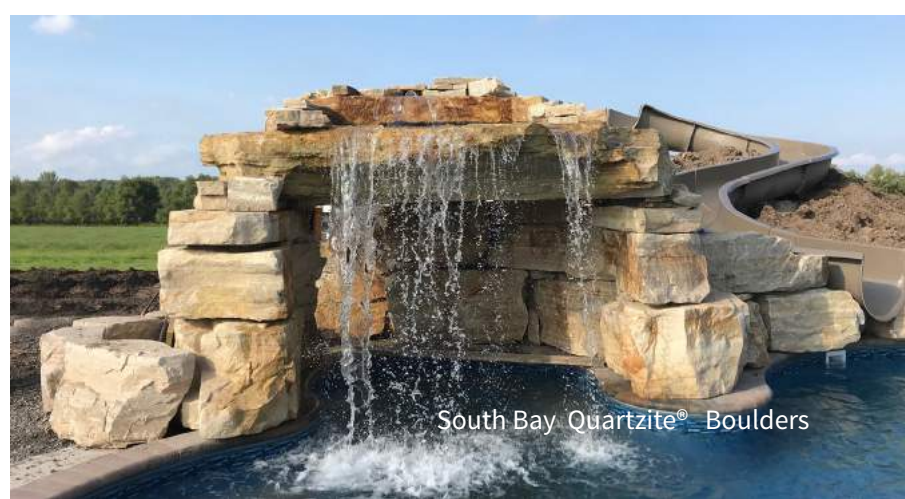
Corinthian Granite® Sawn Top & Bottom Benches



South Bay Quartzite® Mosaic & Treads



South Bay Quartzite® Tiles



South Bay Quartzite® Boulders

Mud Matters:

Aside from the cut and color of stone, the treatment of the “joints”, or spaces between the stones, will have the greatest impact on the overall finished appearance of your installation.

Factors to consider include joint width, joint style, and mortar color. Your Champlain Stone dealer and mason installer can provide additional insights as to what options and styles might work best in your particular situation and how each factor will impact the finished appearance, job schedule, and final cost.

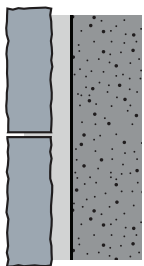
JOINT WIDTH

Joint width and consistency impact not only the overall finished appearance, but job schedule and cost as well. Generally speaking, a narrow joint (figure A) requires a much higher level of experience on the part of the installer to achieve the desired fit and consistency. A wider joint (figure B) is more forgiving and thus requires less time and effort “working” the stone. Image A features a very narrow (1/4”) joint with the mortar “raked” back to reveal the stone edges and partial depth. Image B features a wider joint (1”) with mortar filling the gaps flush with the stone surface.

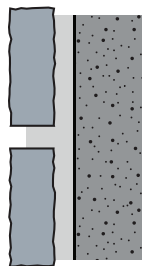


JOINT STYLES

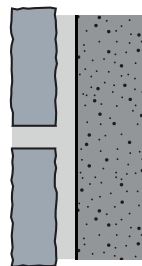
Note that naming conventions can vary by geographic region and/or masonry type (brick, block, stone, etc.)



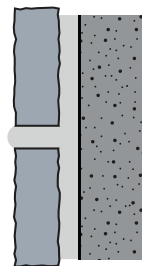
DRystack



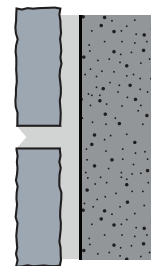
RAKED
(Recessed)



FLUSH

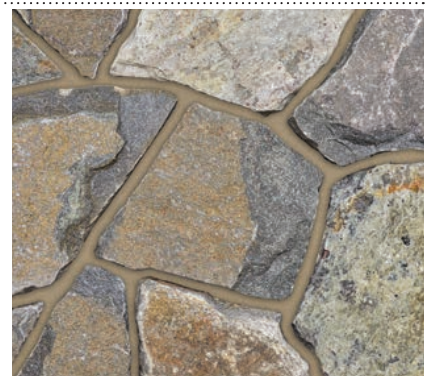
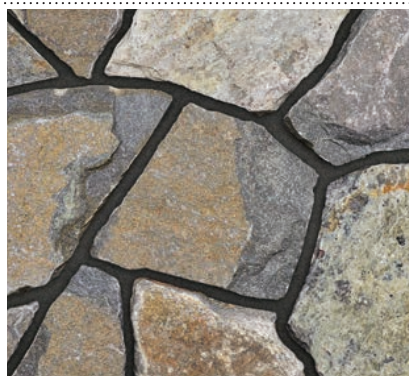


BEADED
(Rope, Grapevine, Ribbon)



V-JOINT

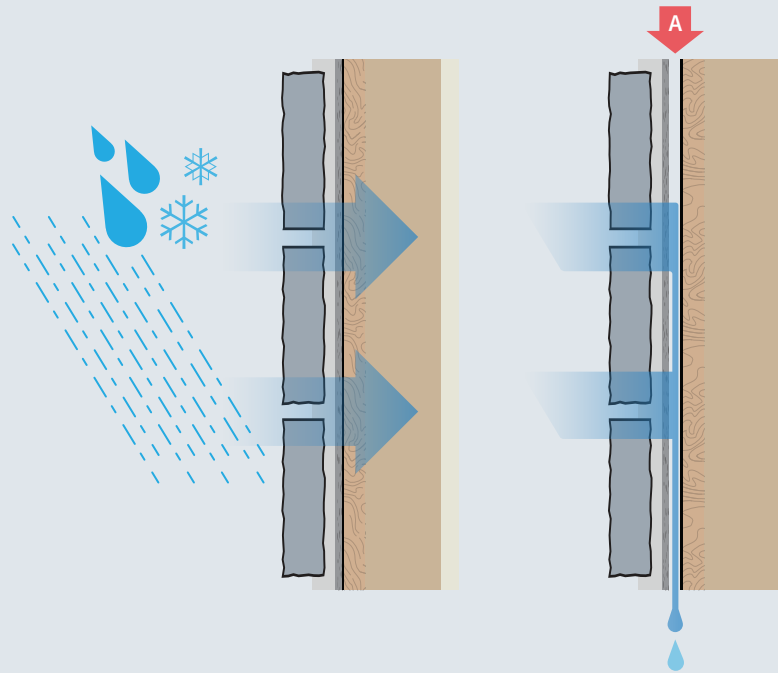
MORTAR COLOR



Pointing mortar can be purchased in stock colors or mixed with dye to produce a custom color or hue. The base color is typically a medium gray (left) which works well to highlight the color of the stone and blend with other design elements (siding, trim, etc.). When using dyes to produce a custom color, it's important to maintain the appropriate ratio of dye to mortar to ensure color consistency throughout the installation.

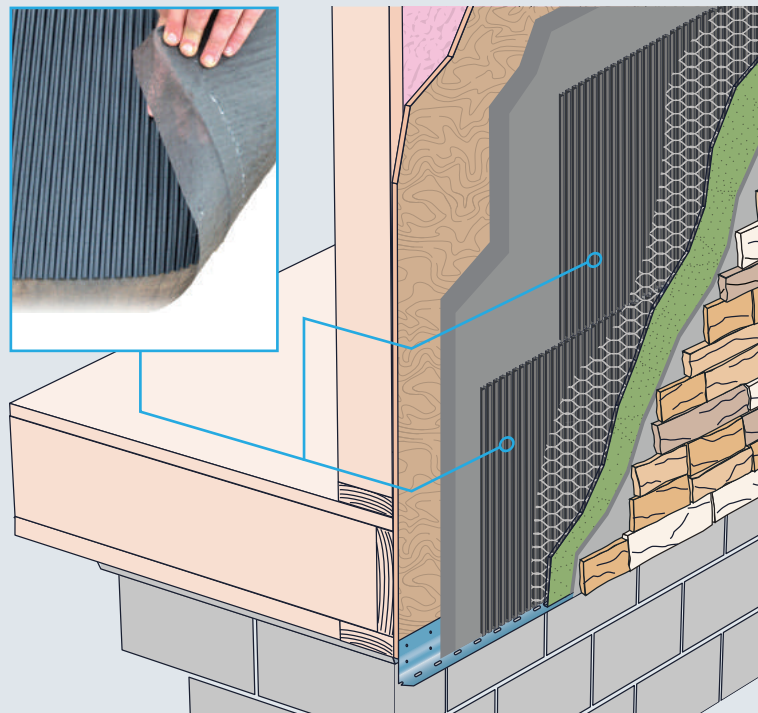
Moisture Management:

Some thin veneer applications may require additional considerations for moisture management due to climate factors or the location of the dew point within the wall structure. Wind-driven precipitation and condensation from temperature/humidity variations can cause moisture to permeate the building envelope and accumulate within the wall cavity. This moisture can cause a variety of problems including material decay or failure, mold, and efflorescence.



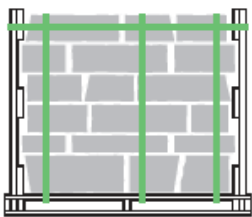
Drainage planes, sometimes referred to as **cavity weep systems**, address the accumulation of moisture within the wall by establishing gaps (air channels) between the masonry component and structural wall unit through which water is directed out (figure A).

There are a variety of commercial solutions available and we encourage thoughtful research to seek out the best solution for your given application and budget. These systems typically feature a filter fabric barrier (to impede the penetration of the veneer mortar into the air gap) mated to a series of vertical channels designed to create a standoff from the sheathing and allow air and moisture to flow through. There are varying approaches to the size and structure of the channels, material construction, and overall cost. Placement within the building envelope is consistent between the lath/setting mortar and the vapor retardant layers as shown.



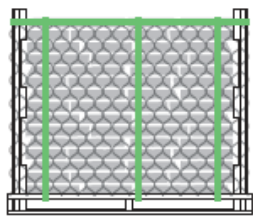
MATERIAL SPECIFICATIONS

Building Stone Veneer	SIZE	FACING AREA	COVERAGE	PACKAGED WEIGHT
Mosaic	Thickness 3" ± to 5" ±	1/4 sq. ft. to 3 sq. ft.	35 to 40 sq. ft. per ton	2,400 to 3,225 lbs. ±
Roughly Squared/ Roughly Rectangular	Thickness 3" ± to 5" ±	1/4 sq. ft. to 3 sq. ft.	35 to 40 sq. ft. per ton	2,775 to 3,300 lbs. ±
Ashlar	Thickness 3" ± to 5" ± Height 4" ± to 12" ±	1/4 sq. ft. to 2 sq. ft.	35 to 40 sq. ft. per ton	2,700 to 3,300 lbs. ±
Ledge Stone	Thickness 3" ± to 5" ±, Height 3" ± to 5" ± Length 8" ± to 12" ±		35 to 40 sq. ft. per ton	2,100 to 3,150 lbs. ±
Sawn Thin Veneer	SIZE	FACING AREA	COVERAGE	PACKAGED WEIGHT
Mosaic	Thickness 3/4" ± to 1 1/4" ±	1/4 sq. ft. to 1 1/4 sq. ft.	150 sq. ft. dealer crate 50 sq. ft. consumer crate	2,200 to 2,700 lbs. ± 700 to 850 lbs. ±
Roughly Squared/ Roughly Rectangular	Thickness 3/4" ± to 1 1/4" ±	1/4 sq. ft. to 1 1/4 sq. ft.	150 sq. ft. dealer crate 50 sq. ft. consumer crate	2,200 to 2,700 lbs. ± 700 to 850 lbs. ±
Ashlar	Thickness 3/4" ± to 1 1/4" ±	Height 4" ± to 12" ± Length 6" ± to 20" ±	150 sq. ft. dealer crate 50 sq. ft. consumer crate	2,200 to 2,700 lbs. ± 700 to 850 lbs. ±
Ledge Stone	Thickness 3/4" ± to 1 1/4" ±, Height 3" ± to 5" ± Length 8" ± to 12" ±		150 sq. ft. dealer crate 50 sq. ft. consumer crate	2,200 to 2,700 lbs. ± 700 to 850 lbs. ±



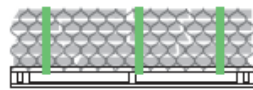
LOW PALLET

42" x 42"
plus headers
where applicable



4-SIDED DEALER CRATE

42" x 42" x 30"
plus headers
where applicable



CONSUMER CRATE

42" x 42" x 10"

Note that listed coverages are estimates only. Actual coverage will vary based upon installation style, installer skill level, and overall job conditions.

Thin Veneer coverages are for flats. Sawn corners are packaged in units of 150 linear feet (dealer pallet), or 50 linear feet (consumer pallet). When calculating material needs, sawn corners will consume an average of 3/4 square foot of flat area per lineal foot.

Stone Cut	SIZE	FACING AREA	COVERAGE (Average)	PACKAGED WEIGHT
Wall Stone	Thickness 4" ± to 12" ±	1/4 sq. ft. to 3 sq. ft. ±	12-14 cubic ft. per ton	2,900 to 3,700 lbs. ±
Cottage Wall Stone	Thickness 3" ± to 8" ±	1/4 sq. ft. to 2 sq. ft. ±	12-14 cubic ft. per ton	2,500-3,300 lbs. ±
Thin Wall Stone	Thickness 1" ± to 3" ±	1/4 sq. ft. to 1 sq. ft. ±	12-14 cubic ft. per ton	2,500-3,300 lbs. ±
Irregular Flagging	Thickness 1" ± to 3" ±	1/2 sq. ft. to 3 sq. ft. ±	70 sq. ft. per ton ±	2,500-3,300 lbs. ±
Garden Steppers	Thickness 3" ± to 5" ±	2 sq. ft. to 4 sq. ft. ±	35 sq. ft. per ton ±	2,500-3,300 lbs. ±
Step Slab Material	Thickness 5" ± to 8" ±	LENGTH: 30" to 60" ± DEPTH: 16" to 30" ±	Varies with material selection	3,000-3,800 lbs. ±
Landscape Boulders	Clusters of 50 lbs. to 300 lbs. ±, or 500 lbs. ±			3,000-4,000 lbs. ±