100% NATURAL

THIN VENEER COLLECTION

Champlain Stone, Ltd.

champlainstone.com
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THE FINE PRINT:
All of the stone products contained in this brochure are 100% natural. As such, variations in color and texture do occur (thankfully) and are part of what make our products so unique. Please use the images in this text as a guide only. We cannot guarantee an exact match to any of the images contained herein.

Product specifications and available stone cuts are also subject to change. Please visit your local Champlain Stone dealer or contact a member of our Sales & Marketing team for the most up-to-date information.

→ champlainstone.com
Our stone looks real because it is.

Champlain Stone Ltd. has been a trusted supplier of natural building and landscaping stone since 1982. Our **100% natural** thin veneer stone is drawn from expansive, company-owned quarry properties in New York’s Adirondack Mountains. The lustrous colors and rich textures of our granites, quartzitic sandstone, and limestone are the product of millions of years of time and pressure at the wondrous hand of Mother Nature. Quite simply, no other man made material can match its unique beauty, strength, and durability.

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**ALL OF OUR STONES ARE QUARRIED WITH PRIDE IN THE USA.**

*For more information and to view our Statement of Responsible Quarry Practices, visit our website at www.champlainstone.com.*
Thin Veneer Basics:

Thin veneer stone is the sawn facings of traditional “full bed” building stone veneer. But unlike traditional stone products packaged and sold by the ton, thin veneer is sold by the square foot as flats or by the lineal foot as corners (right angle cuts taken from the interior of full bed cutting stock). Corners are important as they conceal the overall material depth.

At 15 lbs. per square foot or less, thin veneer does not typically require special building shelves or foundations and may be applied inside or out over brick, block, concrete, or wood framed surfaces*. Please reference our installation guide on pages 20-23 for more information.

Thin Veneer Flats (left) are sold by the square foot and come in a variety of different colors and patterns. Thin Veneer Corners (right) are sold by the lineal foot (as measured along the spine) in corresponding colors/patterns.

**AVAILABLE CUTS**

- **Mosaic Pattern**: Irregularly shaped quarry material exhibiting the seam face and/or the natural face of the stone.
- **Roughly Squared/Roughly Rectangular**: Sawn 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 in shape and exhibiting the split face of the stone revealing striations that can be quite colorful.
- **Ledge Stone**: Basically rectangular in shape and presenting a more linear appearance with shallower, less variable heights. Both seam and split faces can be present, with the split face dominating the blend.
Our Stones

Wood Creek Granite® roughly squared/rectangular
**American GRANITE™**

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

**Corinthian GRANITE®**

**Cool and Classic.** 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.
**South Bay** QUARTZITE®

*Warm & Inviting.* A quartzitic sandstone with an advancing and receding surface that resembles a windswept and sandy beach. Visually smooth, yet heavily textured with a blend of tan, antique white, ice blue, amber, and brown.

**Wood Creek** GRANITE®

*Subtle yet Sharp.* 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.
**Crown Point GRANITE™**

**Muted & Subtle.** A medium to fine grained granite in a soft palette of blush, caramel, light sky, and pale green with textural striations and speckles of burgundy, white, and blue.

**1763 GRANITE®**

**Cozy & Sound.** A hearty, weathered granite showing deep shades of earthen brown and amber. Split faces show a range of blush and blue-gray with some white swirls and striations.

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**MOSAIC PATTERN**

**ROUGHLY SQUARED/RECTANGULAR**

**ASHLAR**

**LEDGE STONE**
**Van Tassell GRANITE®**

**Colorful & Spirited.** Deeply veined in New York’s Dutch ancestry, Van Tassell Granite® features a soft color palette with the strength and texture consistent with our other granites. Buff, pink, blue/green and brown within a granular texture featuring random speckling and striations.

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**Summit GRANITE®**

**Earth’s Essence.** A rustic, textural granite featuring a warm iridescence resulting from mica and garnet inclusions. Brought to the surface, this granite projects the very essence of the earth with a base color of gray and feature highlights of sage green, white, and russet orange.
NEW! Paral’ledge

Uniformly random. All of the luster, color, and texture you expect from Champlain Stone now with sawn tops and bottoms for ease of install and a contemporary look. Choose from South Bay Quartzite®, Saratoga Granite® (a classic blend of our Corinthian and American Granites), or Ticonderoga Granite® (a distinctive blend of Wood Creek, Crown Point, and 1763 Granites). Random 4”-12” ± lengths with natural ends in defined 2”, 4”, and 6” heights. Designed for a jointless, drystack application.
Thin Veneer Accessories:

**Hearth/Cap Stones:**
Available individually or in sets of three in Corinthian Granite®, South Bay Quartzite®, or Wood Creek Granite®. Sandblast finish on top seam face and edges.

Choose from six standard sizes (W x D, nominal): 18” x 18”, 24” x 20”, 24” x 24”, 30” x 24”, 48” x 18”, and 48” x 24”. Material thickness = 2” for all sizes.

**Hearth Risers:**
Available individually or in sets of three in Corinthian Granite®, South Bay Quartzite®, or Wood Creek Granite®. Sandblast finish on exposed split faces. One size only as shown. Combine with 24” x 20” Hearth/Cap Stones (above) for a standard 10” rise.

**Wainscot Sills:**
Available in Corinthian Granite®, South Bay Quartzite®, or Wood Creek Granite®. Sandblast finish on seam face top, one long, and both short edges.
Image Gallery

Corinthian Granite® roughly squared/rectangular
American Granite™ roughly squared/rectangular with sawn corners installed traditionally and as arch stones.
clockwise from top left

American Granite™ mosaic pattern veneer with edges sawn on site.

Corinthian Granite® custom blend of ashlar and roughly squared/rectangular

Wood Creek Granite® roughly squared/rectangular

top to bottom

1763 Granite® roughly squared/rectangular in an exterior drystack application.

American Granite™ custom blend of ledge stone and roughly squared/rectangular
*Corinthian Granite*® mosaic pattern thin veneer
South Bay Quartzite® mosaic pattern thin veneer
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 (¼") 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.
Surface Prep:

With proper surface preparation and installation, thin veneer stone is at home over a variety of surface substrates.

We recommend the use of the LATICRETE® Masonry Veneer Installation System (MVIS™) for the entire Champlain Stone Thin Veneer Collection. Backed by a 25 year warranty, MVIS™ delivers a fast, accurate, and consistent platform for thin veneer installation ensuring an uncompromised standard of quality.

- **Interior Framed Wall**
  
  Cement backer board substrate serves as the base for LATICRETE® Air & Water Barrier and a scratch coat of LATICRETE® Veneer Mortar.

- **Exterior Framed Wall**
  
  Exterior rated sheathing and vapor retarder are applied per manufacturer’s specs prior to installing cement backer board*, LATICRETE® Air & Water Barrier, and a scratch coat of LATICRETE® Veneer Mortar.

- **Concrete Wall**
  
  LATICRETE® Air & Water Barrier is applied in advance of a scratch coat of LATICRETE® Veneer Mortar.

- **Concrete Block**
  
  A skim coat of LATICRETE® Premium Mortar Bed is applied directly to the block wall followed by LATICRETE® Air & Water Barrier and scratch coat of LATICRETE® Veneer Mortar.

* Depending on job conditions, vapor retarder, galvanized wire lath, and scratch/brown coat may be used in place of cement backer board prior to applying the Air & Water Barrier.

For more information on the LATICRETE 25 Year Systems Warranty, detailed product information, and instructional videos, visit www.laticrete.com/mvis.
Thin Veneer Installation:

These steps are a basic overview of the materials/processes necessary to install Champlain Stone thin veneer. They do not encompass all project conditions. Be sure to check and comply with all local building codes.

**Recommended Tools:** 4" Angle Grinder with diamond blade, brick hammer, 5-gallon bucket/sponge, notched trowel, margin trowel, pointing trowel or grout bag, mason’s chipper, brush, LATICRETE® Veneer and Pointing Mortars.

**CUTTING & TRIMMING:**

A convenient and efficient method for trimming thin veneer is through the use of a 4" angle grinder equipped with a diamond blade (remember to always wear hearing and eye protection).

Cuts made from the back (sawn) side at 1/2 depth will allow the stone to be “snapped” with a brick hammer along the cut line leaving a natural edge on the front side.

Cuts may also be made at a slight angle from the front (natural) side and then trimmed with a mason’s chipper for more precise control of the final edge/joint appearance.
SETTING THE STONES:

After trimming, ensure that all stones are clean of any film or debris that could impede the mortar bond. Dampen the stone back slightly, and using a margin trowel, apply a thin coat of LATICRETE® Masonry Veneer Mortar to the back of a stone. Spread additional mortar around the perimeter of the stone tapered slightly inward as shown. The idea is to apply sufficient mortar to completely fill the space behind the stone while still allowing for the mortar to spread outward as the stone is set.

FINISHING THE JOINTS:

After all of the stones have been set, apply LATICRETE® Pointing Mortar to the joints using a grout bag or pointing trowel. Work your way through the field, forcing the mortar into the joints and any voids that may exist. Joint treatments vary by region and individual preference, so be sure to take into account the joint mortar depth required by your specific job.

Working from bottom to top, press the mortar covered back of the first stone against the prepared substrate (see surface prep, page 21) sliding the unit roughly 1” (25 mm) diagonally while maintaining even pressure into the desired final position. Pare the excess mortar spreading into the joints as necessary. Take care to keep the joints between the stones consistent in width and depth and staggered both vertically and horizontally.

If excess mortar lands on the faces of the stone during the course of installation, allow it to dry slightly and then brush or sponge off any residue. When the mortar becomes firm to thumb print hardness (30 to 60 minutes depending on climate and temperature), trowel, rake, and/or brush to the desired finish and depth. Final touch up can be achieved with a small bristle brush or whisk broom.
Material Specifications:

<table>
<thead>
<tr>
<th>STONE CUT</th>
<th>SIZE</th>
<th>FACING AREA</th>
<th>COVERAGE (Average)*</th>
<th>PKGD. WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mosaic Pattern</td>
<td>Thickness 3/4” ± to 1 1/4” ±</td>
<td>1/4 sq. ft. to 1 1/4 sq. ft.</td>
<td>FLATS</td>
<td>2,200-2,700 lbs. ±</td>
</tr>
<tr>
<td>Roughly Squared/</td>
<td>Thickness 3/4” ± to 1 1/4” ±</td>
<td>1/4 sq. ft. to 1 1/4 sq. ft.</td>
<td>80 sq. ft. dealer</td>
<td>1,100-1,350 lbs. ±</td>
</tr>
<tr>
<td>Roughly Rectangular</td>
<td></td>
<td></td>
<td>80 sq. ft. consumer</td>
<td>140-150 lbs. ±</td>
</tr>
<tr>
<td>Ashlar</td>
<td>Thickness 3/4” ± to 1 1/4” ±</td>
<td>Height 3” ± to 5” ± Length 6” ± to 20”</td>
<td>CORNERS</td>
<td>2,200-2,700 lbs. ±</td>
</tr>
<tr>
<td>Ledge Stone</td>
<td>Thickness 3/4” ± to 1 1/4” ±, Height 3” ± to 5” ± Length 8” ± to 12”</td>
<td>FLATS ONLY</td>
<td>140 lineal ft. dealer</td>
<td>1,100-1,350 lbs. ±</td>
</tr>
<tr>
<td>Paral’ledge</td>
<td>Thickness 3/4” ± to 1 1/4” ±, Defined 2”, 4” and 6” heights, Random Length 4” ± to 12” ±</td>
<td>CONSUMER BOX</td>
<td>10 lineal ft. consumer</td>
<td>140-150 lbs. ±</td>
</tr>
</tbody>
</table>

*Coverage numbers are estimates only. Actual coverage will vary based upon installation style, skill level, and overall job conditions. When calculating material needs, sawn corners will consume an average of 3/4 square foot of flat area per lineal foot.

Packaging:

**DEALER CRATE**
44” x 44” x 32”
160 sq. ft. flats
140 lin. ft. corners

**CONSUMER CRATE**
44” x 44” x 20”
80 sq. ft. flats
70 lin. ft. corners

**CONSUMER BOX**
21” x 18” x 10”
10 sq. ft. flats
10 lin. ft. corners

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