

EP HENRY®

CAST VENEER STONE



It looks just like stone because it's **built** from stone.

Cast Veneer Stone by EP Henry achieves its authenticity honestly. For years, we worked to craft a product so close to natural stone, the two are virtually indistinguishable. Using a multitude of molds cast from a variety of natural stones, we have perfected a number of the most popular natural stone profiles in our Pennsylvania Field Stone, Ledgestone, Cut Stone, Split Rock, River Rock, EZ Fit and Cast Stone Wall Face Shells. Additionally, we have captured the beauty and tradition of clay in our Cast Veneer Brick line. The result? A Cast Veneer Stone inspired by nature, hand-crafted by the artisans at EP Henry, and guaranteed to last for 50 years. Now that's something you can live with.

COVER: Cast Veneer Stone EZ Fit Buckeye

River Rock, Potomac



CAST VENEER STONE

MORE THAN A PRETTY FACE

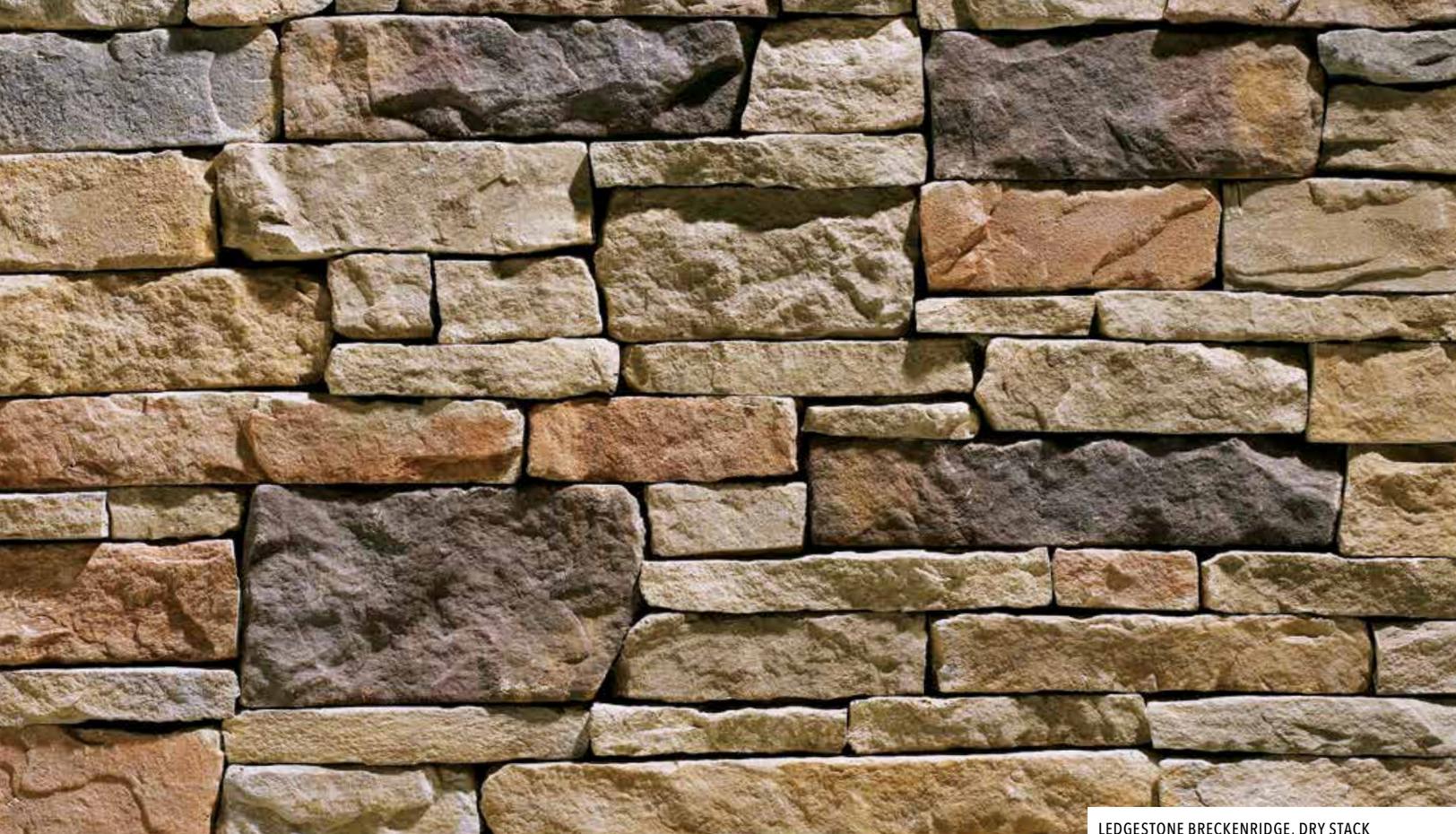


Ledgestone, Breckenridge



EZ Fit, Adirondack





LEDGESTONE BRECKENRIDGE, DRY STACK

INTEGRATED ARCHITECTURAL SOLUTIONS

EP Henry has been the commercial and residential building industry leader for quality architectural products since 1903. With Cast Veneer Stone, architectural block, retaining walls, pavers and permeable paving systems and more, our integrated product lines are engineered for a lifetime of performance and beauty. That's a promise we stake our reputation on every day, as can you. For more information or to meet with your EP Henry Commercial Architectural Products Group representative, please call 800-444-3679 or visit us at www.ephenny.com.

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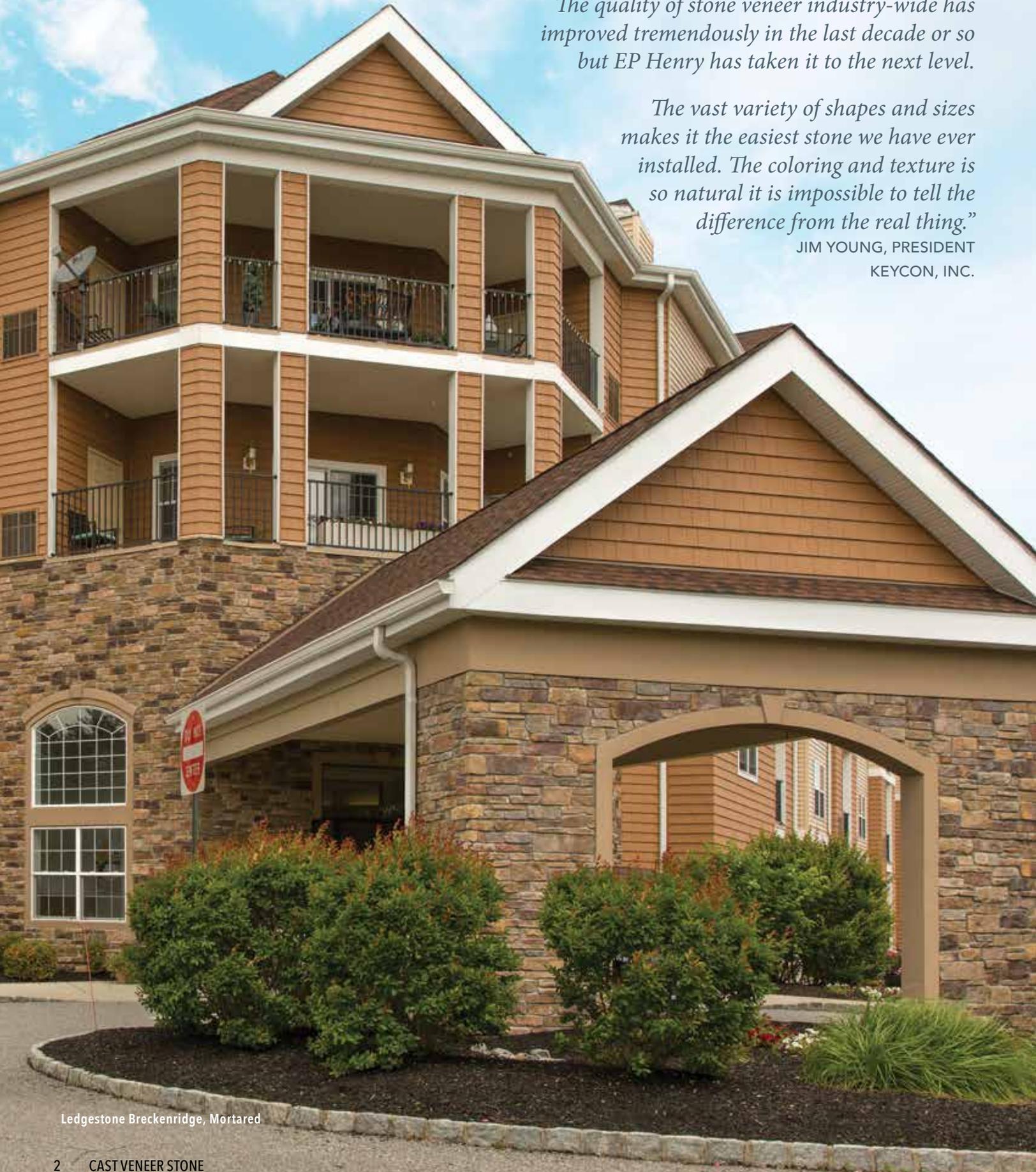
LEDGESTONE

“EP Henry’s Cast Veneer Stone product is the most realistic manufactured stone we have ever installed.

The quality of stone veneer industry-wide has improved tremendously in the last decade or so but EP Henry has taken it to the next level.

The vast variety of shapes and sizes makes it the easiest stone we have ever installed. The coloring and texture is so natural it is impossible to tell the difference from the real thing.”

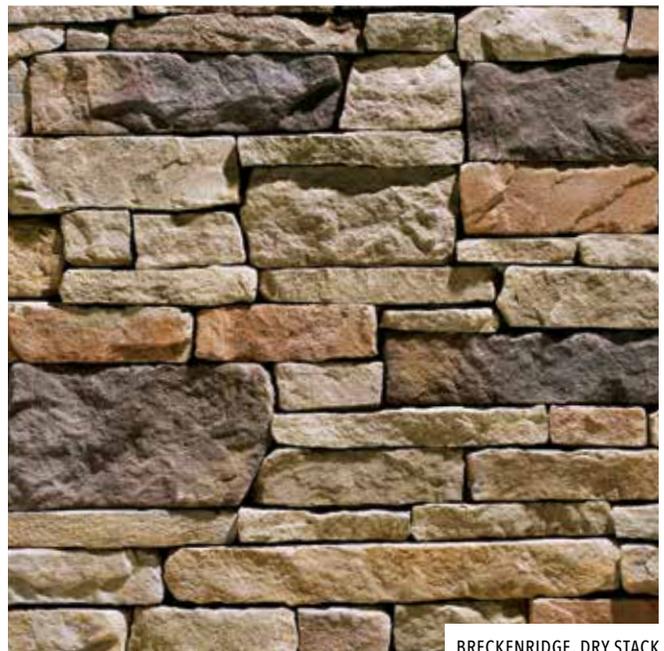
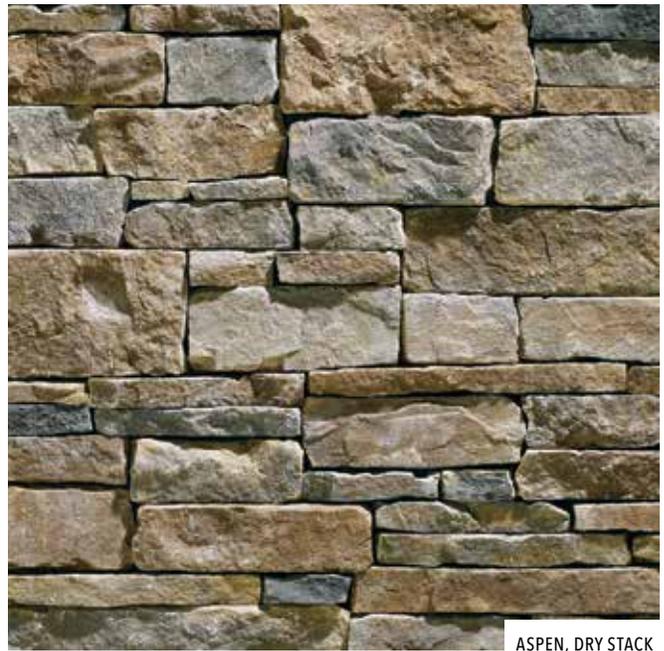
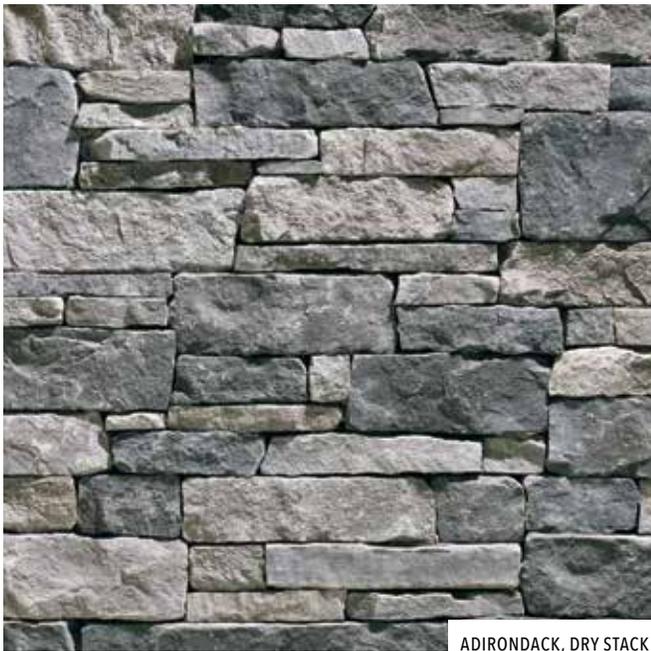
JIM YOUNG, PRESIDENT
KEYCON, INC.



Ledgestone Breckenridge, Mortared

LEDGESTONE

Ledgestone is distinguished by a roughly textured silhouette which captures both light and shadow. The singularity of any Ledgestone structure derives from the interplay of the depth, texture and height of the stones. Ledgestone from EP Henry offers endless design possibilities for interior or exterior use, with a traditional dry stacked approach or using a natural or colored mortar.

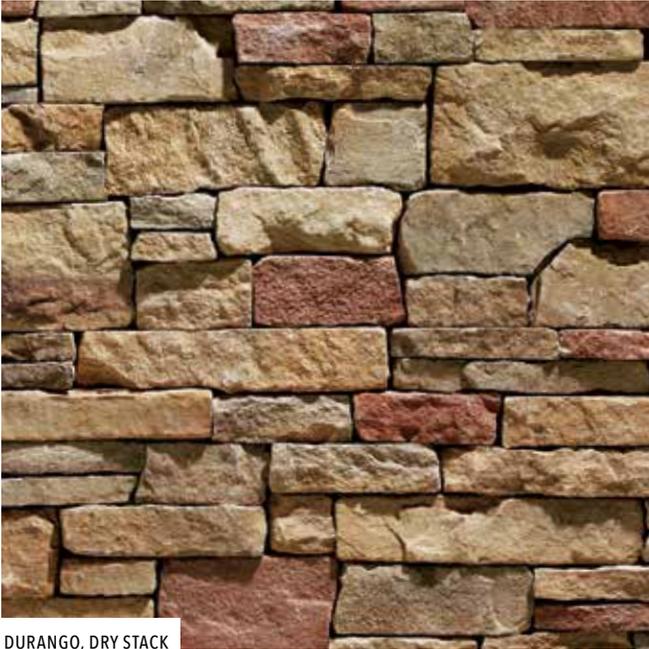


PRODUCT INFORMATION

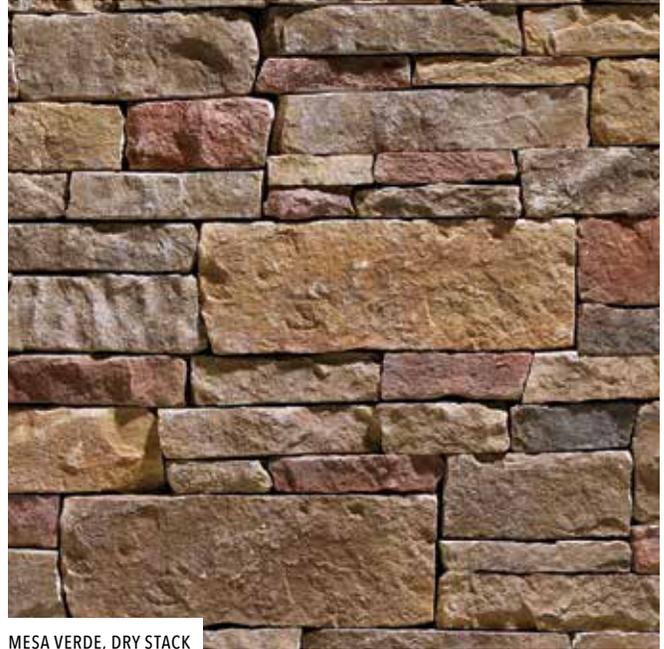
Stone sizes range from 1½" to 6½" in height and from 4" to 22" in length. Thicknesses are 1" (minimum) to 2½" (maximum).

The published square foot quantities in each package of Cast Veneer Stone are based on coverage area including a typical ½" mortar joint. When laying dry stack, please adjust order quantities accordingly.

LEDGESTONE



DURANGO, DRY STACK



MESA VERDE, DRY STACK



Birch, Dry Stack



SILVERTON, DRY STACK

We have attempted to capture the true color and beauty of our Cast Veneer Stone products as accurately as possible. However, as photographic conditions and printing limitations impact the final appearance, EP Henry recommends that you make your final selection from current product samples.

SPLIT ROCK

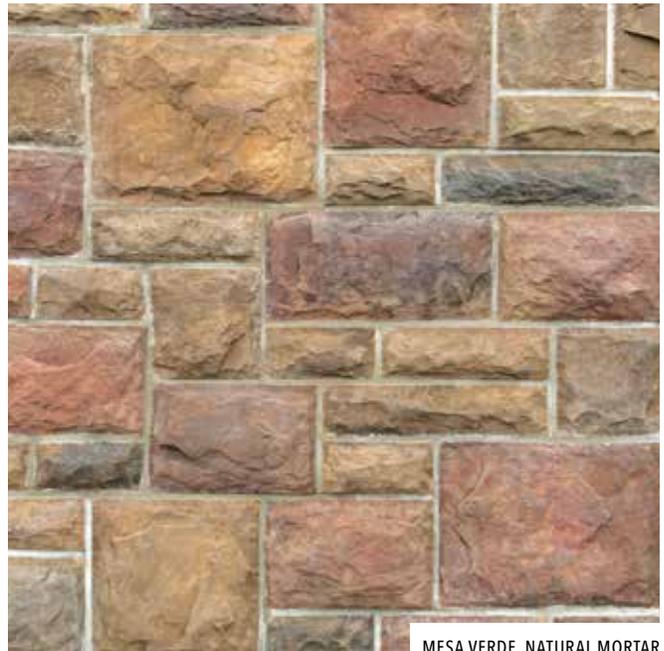


Split Rock, Breckenridge

EP Henry's Split Rock provides a more formal and uniform appearance in a scale ideal for larger applications. Its rectangular consistency combined with a beautiful chiseled texture make for ease of installation without sacrificing real stone beauty. A smart solution for commercial projects as well as large scale residential projects.



BRECKENRIDGE, NATURAL MORTAR



MESA VERDE, NATURAL MORTAR

PRODUCT INFORMATION

Stone sizes range from 3½" to 11½" in height and from 7½" to 15½" in length. Thicknesses are 1" (minimum) to 3" (maximum).

The published square foot quantities in each package of Cast Veneer Stone are based on coverage area including a typical ½" mortar joint. When laying dry stack, please adjust order quantities accordingly.

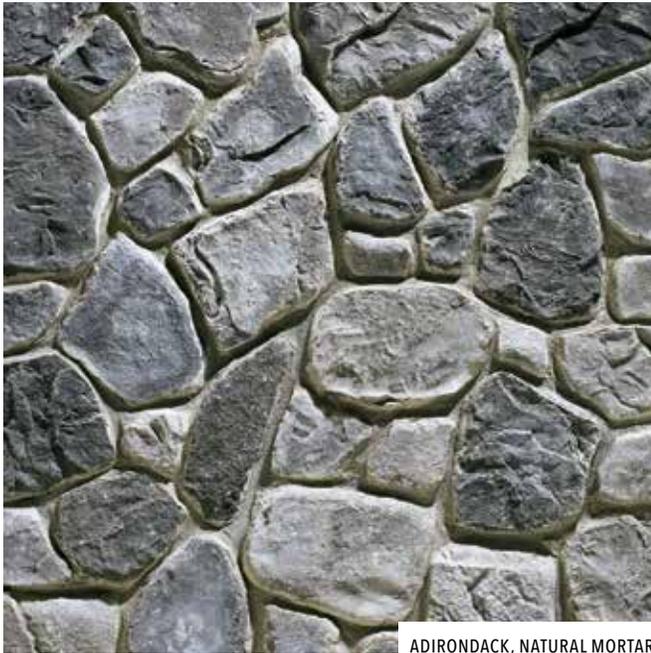
PENNSYLVANIA FIELD STONE



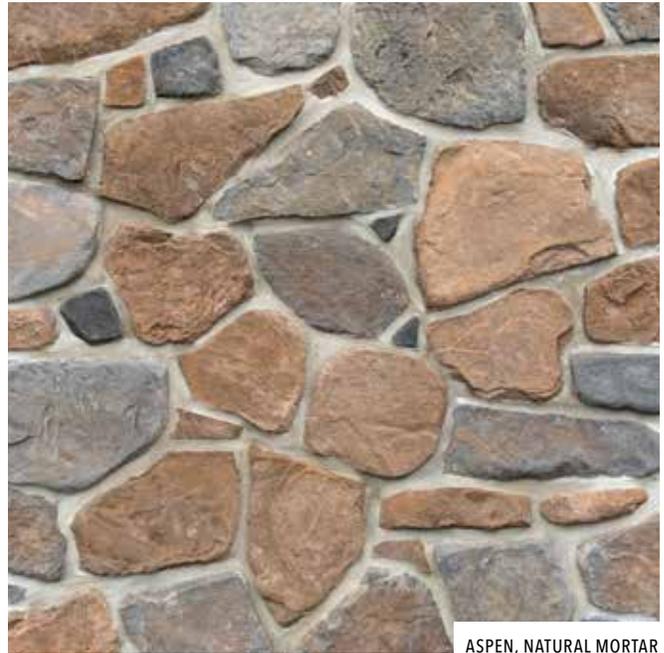
Pennsylvania Field Stone, Mesa Verde

PENNSYLVANIA FIELD STONE

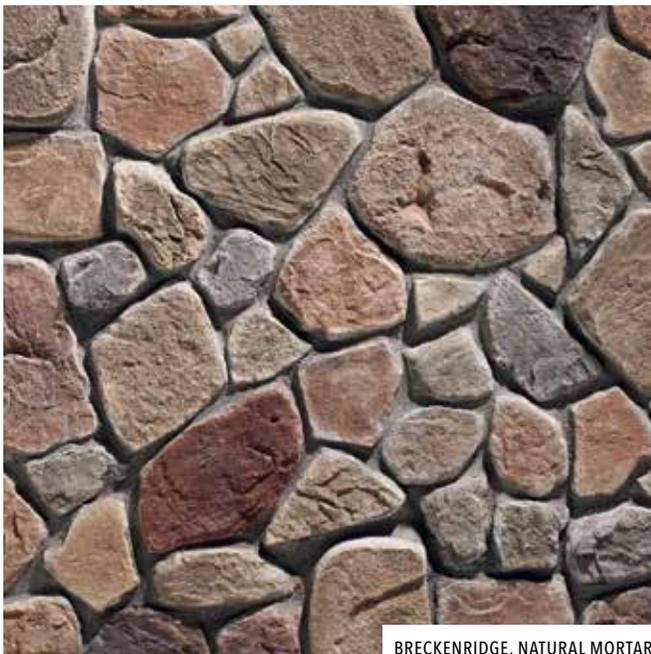
Pennsylvania Field Stone is the stone seen in the paintings of the Chadds Ford countryside by Andrew Wyeth. Fieldstone is collected from the surface of meadows where it is found naturally and used in its original shape, just as it has been taken from the ground. The irregularity of the shapes, rounded character of the stones and random patterns give Pennsylvania Field Stone its distinctive look and charm. EP Henry's Cast Veneer Pennsylvania Field Stone captures that rustic countryside appeal.



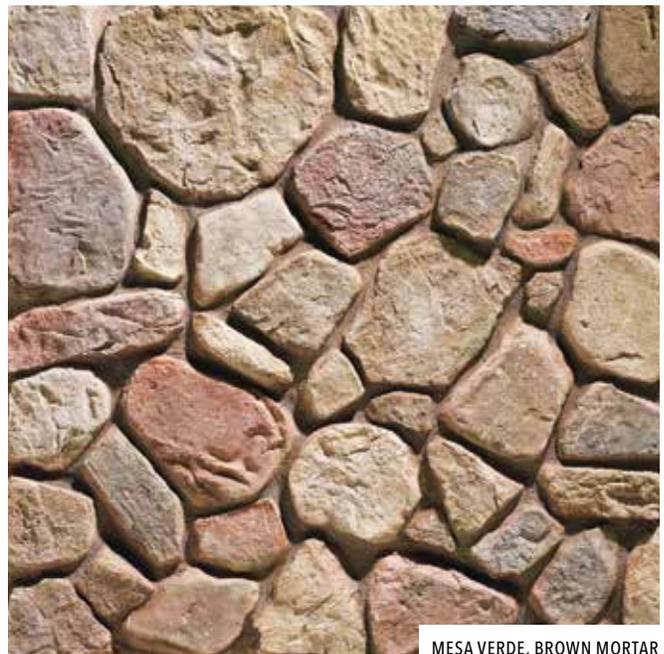
ADIRONDACK, NATURAL MORTAR



ASPEN, NATURAL MORTAR



BRECKENRIDGE, NATURAL MORTAR



MESA VERDE, BROWN MORTAR

PRODUCT INFORMATION

Stone sizes range from 2½" to 14" in height and from 4" to 22" in length. Thicknesses are 1¼" (minimum) to 3" (maximum).

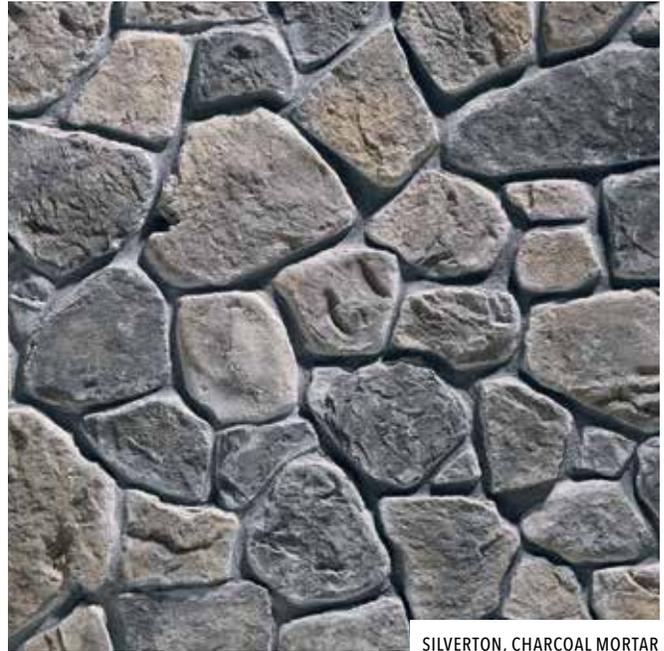
The published square foot quantities in each package of Cast Veneer Stone are based on coverage area including a typical ½" mortar joint. When laying dry stack, please adjust order quantities accordingly.

Note the impact of changing mortar color on the overall stone appearance.

PENNSYLVANIA FIELD STONE

“Unquestionably, the best value in manufactured veneer stone on the market today. The highest quality product at a great price-point, EP Henry’s Cast Veneer Stone not only provides tremendous savings over natural stone, but also measurable savings over the better manufactured lines out there.”

ROBERT DEACON
R. DEACON AND SONS



SILVERTON, CHARCOAL MORTAR

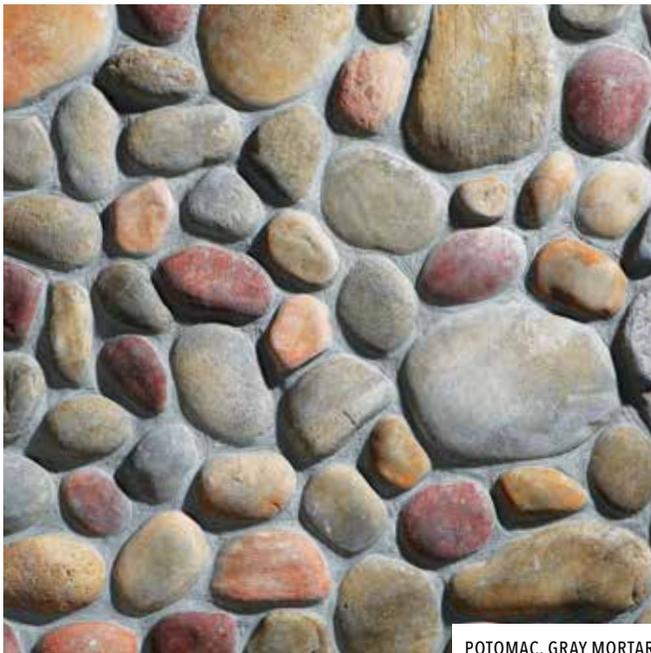


We have attempted to capture the true color and beauty of our Cast Veneer Stone products as accurately as possible. However, as photographic conditions and printing limitations impact the final appearance, EP Henry recommends that you make your final selection from current product samples.

RIVER ROCK



River Rock, Potomac



POTOMAC, GRAY MORTAR

Traditional River Rock is formed by the churning of water rushing over stone, gradually wearing it down to a smooth and satiny finish. The organic shapes of River Rock add charm and interest to any environment, inside and out. EP Henry's proprietary process creates a texture and hue that is so realistic, you can almost still see the water on it.

PRODUCT INFORMATION

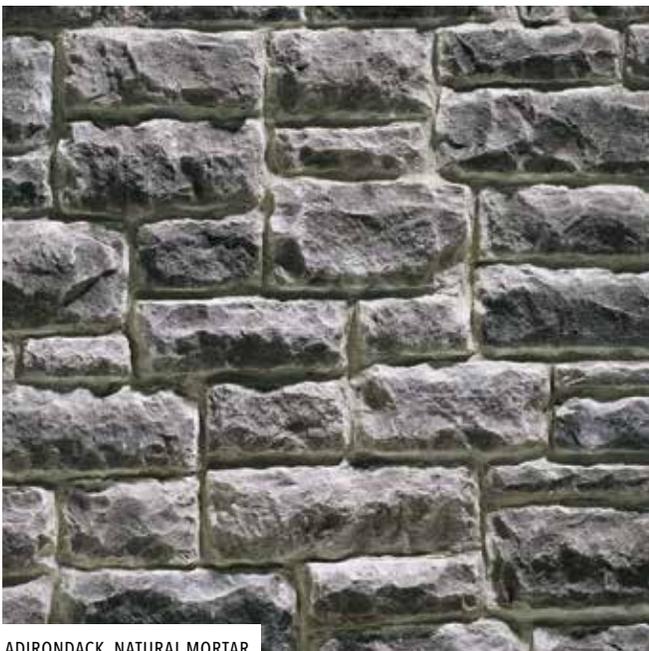
Stone sizes range from 2" to 14" in height and from 2" to 14" in length. Thicknesses are 1" (minimum) to 3" (maximum).

The published square foot quantities in each package of Cast Veneer Stone are based on coverage area including a typical 1/2" mortar joint. When laying dry stack, please adjust order quantities accordingly.

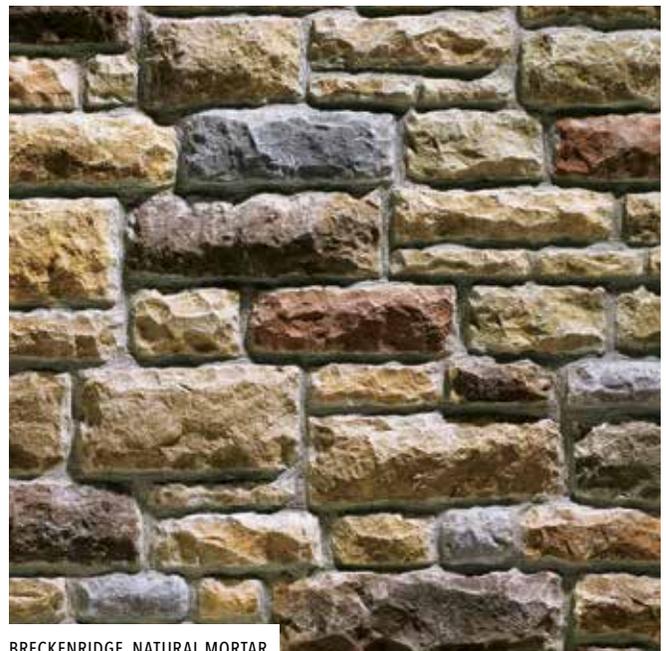
CUT STONE



Cut Stone, Breckenridge



ADIRONDACK, NATURAL MORTAR



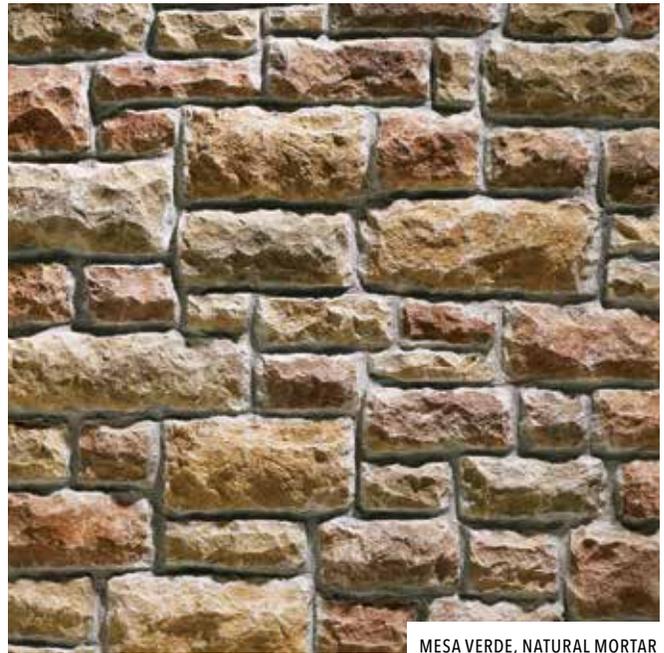
BRECKENRIDGE, NATURAL MORTAR

CUT STONE

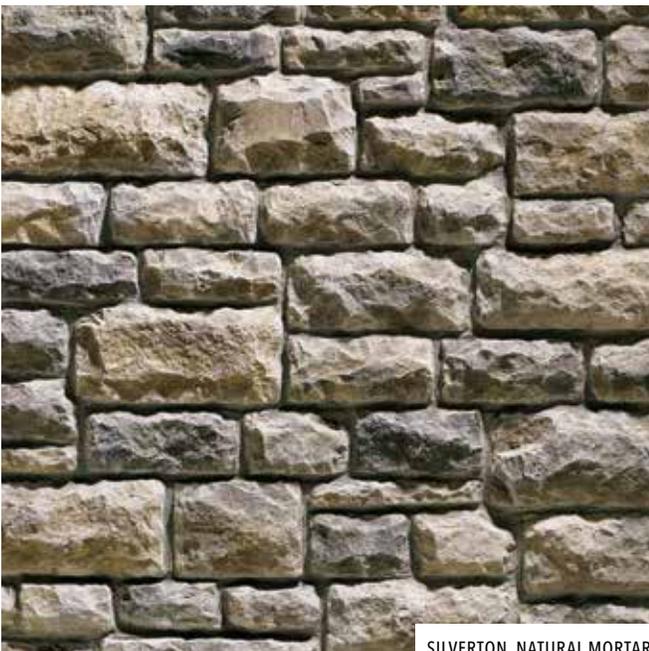
For the look of limestone, Cut Stone offers quarried stone sophistication with the ease of a more modular form. In applications ranging from contemporary to traditional, the hand-chiseled texture of Cut Stone is both sophisticated and organic. The regularity of the shape and size of the stone adds a rhythmic harmony and pleasing lines both indoors and out. In colors that capture nature's quiet palette, Cut Stone is always a tasteful choice.



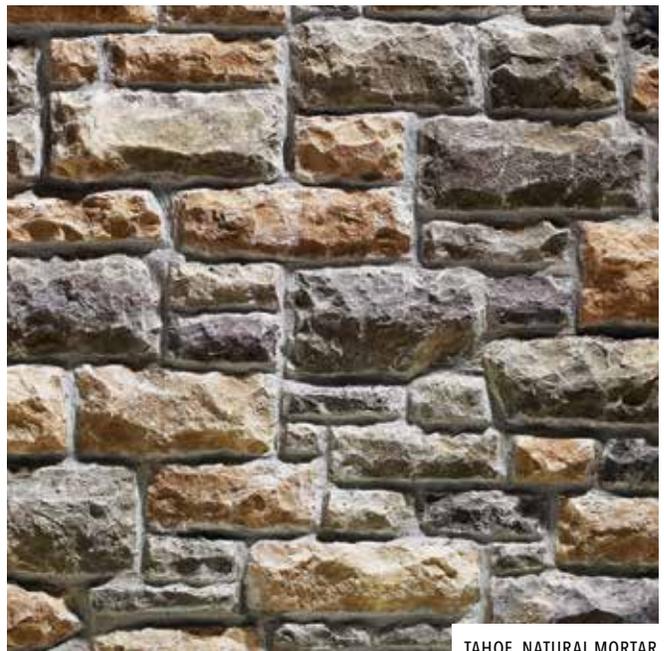
CHAMPAGNE, NATURAL MORTAR



MESA VERDE, NATURAL MORTAR



SILVERTON, NATURAL MORTAR



TAHOE, NATURAL MORTAR

PRODUCT INFORMATION

Stone sizes range from 1¼" to 6½" in height and from 4" to 18" in length. Thicknesses are 1¼" (minimum) to 3" (maximum).

The published square foot quantities in each package of Cast Veneer Stone are based on coverage area including a typical ½" mortar joint. When laying dry stack, please adjust order quantities accordingly.

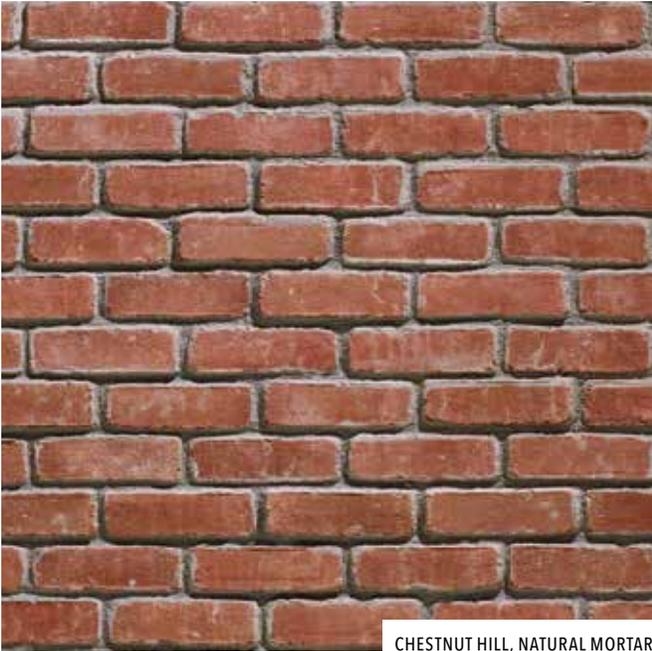
CAST VENEER BRICK



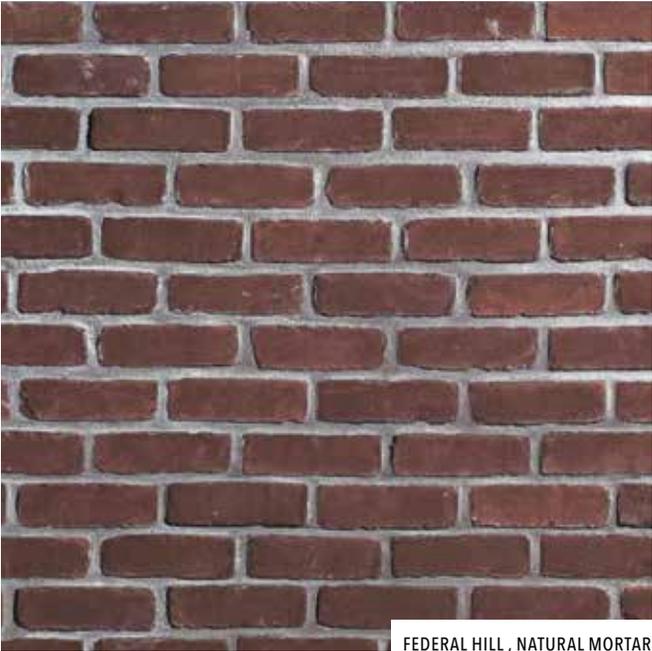
Cast Veneer Brick, Chestnut Hill

CAST VENEER BRICK

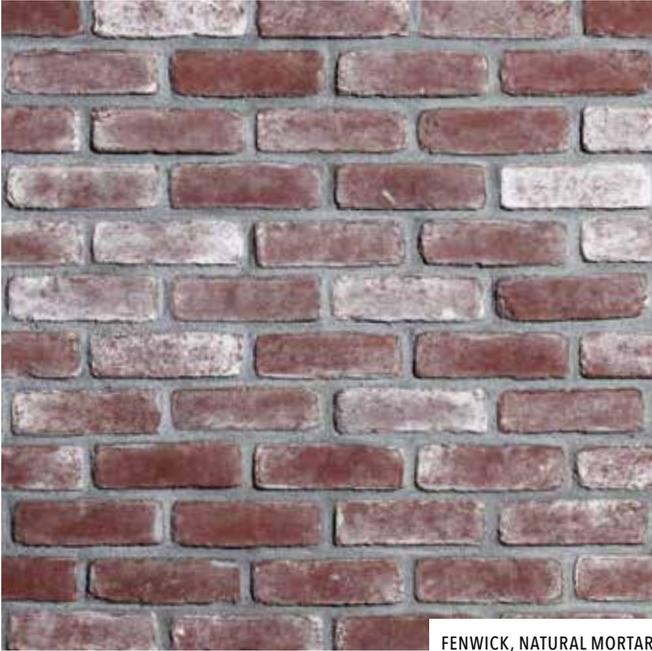
Since 7500 B.C., people have been building structures with brick. Clay and shale brick offered civilizations from the Chinese to the Romans a modular building material that was sturdy and aesthetically pleasing in its linear uniformity. The color of brick is determined by the chemical and mineral content of the natural materials, particularly iron, which infuses bricks with a deep rust-red hue. Today's Cast Veneer Brick from EP Henry boasts the rich variations in color and depth of pigmentation that give brick its timeless appeal.



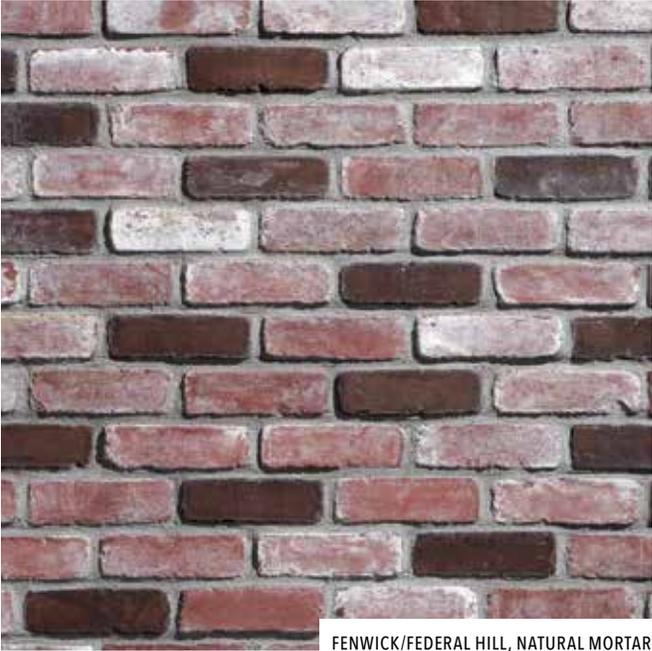
CHESTNUT HILL, NATURAL MORTAR



FEDERAL HILL, NATURAL MORTAR



FENWICK, NATURAL MORTAR



FENWICK/FEDERAL HILL, NATURAL MORTAR

PRODUCT INFORMATION

Brick sizes are 2 1/2" in height and 8" in length. Thickness is 1/2".

The published square foot quantities in each package of Cast Veneer Stone are based on coverage area including a typical 1/2" mortar joint. When laying dry stack, please adjust order quantities accordingly.

EZ FIT

EZ Fit, Buckeye



Engineered to fit together like a puzzle, EZ Fit provides a look similar to Ledgestone in a time-saving, cost effective system. The stones are keyed to ensure proper alignment, while the face of the stone gives the variation of depth that is characteristic of Ledgestone’s rugged profile. As an interior or exterior design choice, EZ Fit proves that sometimes simple things are the most beautiful.



ADIRONDACK



BUCKEYE



MESA VERDE



EZ Fit, Adirondack

PRODUCT INFORMATION

Stone sizes are 6" in height and are 9", 13½", and 22½" in length. NOTE: These have an offset, keyed end. Thicknesses range from ½" (minimum) to 2½" (maximum).

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FINISH PIECES

BUFF

GRAY

TAUPE

Keystones

7 lbs per piece
1.875-2"D x 5.25"W Short Side x
7.75"W Long Side x 10"H



Trimstones

5-6 lbs per piece
1.875-2"D x 6"W x 8"H



Quoins

12-15 lbs per piece
1-3.5"D x 12"L x 8"H with 8" return



Sills/Water Tables

10 Lbs per piece
2.75"H Back x 2" H Front x 4"H x 18"L



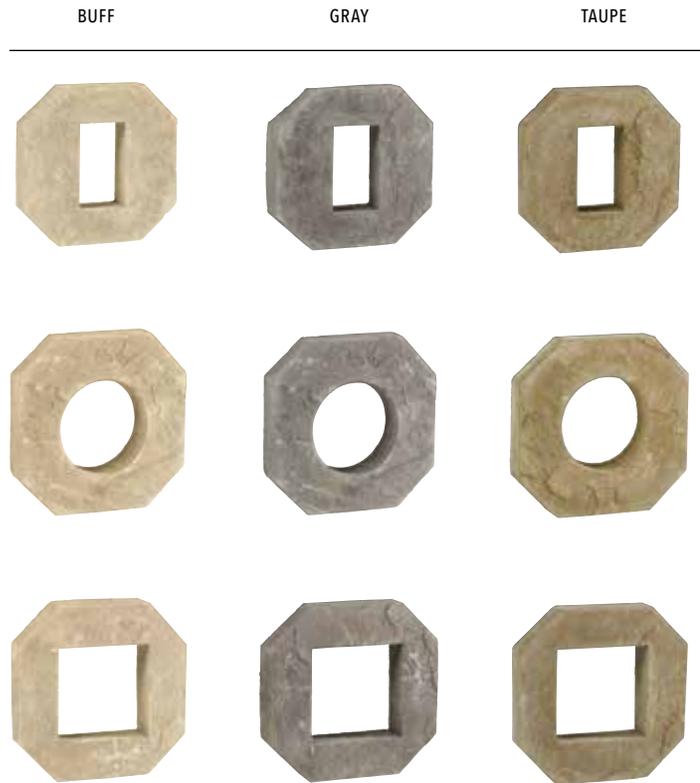
BUFF



GRAY



TAUPE



Single Electrical Boxes

4-5 lbs each.
1.875-2"D x 8"W x 8"H

Round Electrical Boxes

4-5 lbs each.
1.875-2"D x 8"W x 8"H

Double Electrical Boxes

4-5 Lbs each.
1.875-2"D x 8"W x 8"H

Hearthstone

25-30 lbs each.
1.5-1.75"H x 18.5"W x 19.5"L



“As a high-end builder, I rely on products that speak to the architecturally-discriminating taste of our clients... this stone [EP Henry's Cast Veneer Stone] is unlike anything I've seen before: authentic, distinctive, and clearly easy to install. A perfect solution.”

ORION GENERAL CONTRACTORS,
ARDMORE, PA

INSTALLATION

PRODUCT DESCRIPTION

EP Henry's Cast Veneer Stone is designed to provide a non-structural, lightweight veneer facing for both interior and exterior applications. The product provides a quality architectural finish with all the colors, textures, sizes and shapes of quarried natural stone.

PRODUCT PACKAGING

All Cast Veneer Stone by EP Henry products are packaged with an anti-scuffing material between each layer of stone. This protects the product during packaging and shipping and protects against scuffing, common with other veneer stone product lines.

Each Crate of EP Henry Cast Veneer Stone Flats contains	100 SF
Each EP Small Pak of EP Henry Cast Veneer Stone Flats contains	12 SF
Each Crate of EP Henry Cast Veneer Stone Corners contains	75 LF
Each EP Small Pak of EP Henry Cast Veneer Stone Corners contains	8 LF

EZ Fit Flats are packaged 5.625 SF per EP Small Pak/12 EP Small Paks per Crate
EZ Fit Corners are packaged 3 LF per EP Small Pak/12 EP Small Paks per Crate
CV Brick Flats are packaged 8 SF per EP Small Pak/32 EP Small Paks per Crate
CV Brick Corners are packaged 5.8 LF per EP Small Pak/32 EP Small Paks per Crate

NOTE: The published square foot quantities in each package of Cast Veneer Stone are based on coverage area including a typical 1/2" mortar joint. When laying dry stack, please adjust order quantities accordingly.

FITTINGS

All fittings are packaged in EP Small Paks as follows:

Keystones _____	18 pieces	Electrical Fittings _____	20 pieces
Trimstones _____	24 pieces	Sills/Water Tables _____	10 pieces
Quoins _____	6 pieces	Hearthstones _____	4 pieces

Unit weight per SF: Maximum 15 PSF (pounds per square foot)

PRODUCT WARRANTY

EP Henry provides a 50 year warranty to the original purchaser for Cast Veneer Stone when installed in accordance with the manufacturer's installation specifications. The warranty applies to Cast Veneer Stone units only and does not cover installation labor or damages resulting from improper installation or misuse of product.

PRODUCT GENERAL INFORMATION

Cast Veneer Stone should be applied only to structurally sound surfaces.

Cast Veneer Stone should not be used on exterior horizontal surfaces or as wall caps. Water collection on the units combined with freeze-thaw conditions can result in surface damage.

PRODUCT APPLICATIONS:

- New construction: interior or exterior walls
- Retro-fitting of existing interior and exterior walls
- Fireplaces, hearths and surrounds
- Chimneys
- Exterior Hardscaping masonry applications such as kitchens, built-in grills, columns and seat wall applications

Do not install product below grade or in a water environment.

Do not install in applications that expose the product to chlorine or chemicals, as discoloration may result. In fireplace and chimney applications, product should be kept at least 18" away from direct flame.

ESTIMATING STONE QUANTITIES

1. Determine the total square footage of the project (length times the height of each area). Remember to subtract the square foot area of all openings (doors, windows, etc.)
2. Calculate the linear footage of corner stones for the project. Remember to add all openings that require corner units. Convert the linear footage into square feet by multiplying by 1/2 (.5).

3. If using Architectural Trim or Detail pieces or electrical outlet fittings, calculate the number of pieces required and the square footage. Remember to subtract this amount from the total square footage of Cast Veneer Stone flats.
4. Subtract square footage for corners from total square footage to determine the amount of flats required.
5. It is recommended that an extra quantity of flats (approximately 5%) be factored into the estimated materials to allow for cutting, trimming and the desired best fit.
6. Coverages stated for Cast Veneer Stone assume the use of a 1/2" mortar joint. When making linear and square foot calculations for dry stack applications, add 15%–20% more to the materials calculation to compensate for the loss of the mortar joint space.

RECOMMENDED MORTAR

SPEC MIX® Polymer Modified Adhered Veneer Masonry Mortar

SPEC MIX PMAVM is a technologically advanced adhered veneer mortar for use in bonding manufactured stone veneer, natural thin cut stone and thin brick to a cementitious substrate. PMAVM is designed to provide:

- Excellent workability and cohesion
- High bond strength and durability
- Sag and water resistance
- Efflorescence minimization

SPEC MIX PMAVM has been rigorously tested to reduce the probability of unit "pop-offs" and contractor call backs to repair adhered veneer failures common with standard mortars.

Type S for Cast Veneer Stone Installations

INSTALLATION

NOTE: In accordance with good building practices, maintain materials and ambient air temperature in the work area at a minimum of 40° F during installation and for 48 hours following the completion of work.

PREPARING THE SURFACE

For new clean CMU surfaces that have not been painted or treated in any way, Cast Veneer Stone can be applied directly to the surface. It is recommended that a bonding agent be applied to the masonry surface as well as a scratch coat to help strengthen the bond and minimize cracking.

For all other surfaces, including poured concrete walls and on painted or treated masonry, self-furring metal lath (galvanized for exterior use) must be applied first followed by a scratch coat. (Installation diagrams available on request.) Most building codes and best building practices require that any nails, staples or screws that are used be galvanized.

Check the backs of the Cast Veneer Stone units to make sure they are free of scale or a surface that readily flakes off. If that condition exists remove any surface film with a wire brush and dust off the backs of the units before wetting or applying mortar to the back of the stone.

SCRATCH COAT

An even, 1/2" thick coat of Type S mortar applied to self-furring metal lath or a clean masonry surface to help insure proper bonding of Cast Veneer Stone. The scratch coat should be allowed to set-up for 48 hours before installing the Cast Veneer Stone. If possible, after applying the scratch coat cover it with plastic to slow the curing process and reduce cracking which weakens the bond strength.

When using the dry stack method one should consider adding pigment to the scratch coat mortar mix that matches a darker color of the Cast Veneer Stone. This will prevent the gray scratch coat from being seen in any gaps between the stones and improve the look of the finished job.

STARTING THE INSTALLATION

Lay out a quantity of Cast Veneer Stone prior to installing. Make sure to select stones from as many boxes as possible to achieve the best possible mix of shapes, sizes, colors and textures. Continue this practice throughout the installation. Begin installing the stone from the top down. Start installing the corner units first. The corners have a long and short return which should be alternated in opposite directions as you go down the wall corner.

Try to maintain a uniform joint width (1/2") around the stones. Avoid long, unbroken joint lines. The stones can be trimmed using a brick hammer, nippers or the side of a mason's trowel. Stones can be cut more precisely with a hand held grinder or

NOTE: As industry guidelines and building codes may change from time to time, for the most up-to-date standards, please visit www.masonryveneer.org

INSTALLATION

saw using a diamond or carborundum saw blade. Be sure to place the cut edges in unobtrusive places and touch up the cut with mortar when finishing the joints.

SETTING THE STONES

Apply an even layer of Type S mortar, approximately ½" thick, to the entire back of the stone leaving no area on the back of the stone exposed. Press the stone firmly into place on the wall surface. Press hard enough to squeeze the mortar out around the edges. If needed, strike off the excess mortar with a mason's trowel. To insure a good bond, gently wiggle the stone while pressing it in place. If any mortar gets on the stone face, unless it is crumbs from packing mortar joints, use a damp cloth or sponge to wipe it off before it dries. Once mortar has dried and hardened onto Cast Veneer Stone, acid based cleaners, wire brushes, and metal tools cannot be used to remove it without risking permanent damage to the Cast Veneer Stone.

If the mortar is crumbs from packing mortar joints, then use a coarse brush to remove it. If working in hot or dry weather, wet the scratch coat and stone to prevent the mortar from drying too quickly and losing bond strength. The surface and back of the stone can be dampened with a hose, but do not wet to excess. If too much water is applied and runoff occurs, allow a few minutes for the surface to dry before proceeding with the installation. If possible, cover the surface with plastic to slow the curing process and reduce cracking which weakens the bond strength.

Do not allow construction on the opposite side of the Cast Veneer Stone wall to take place until the stones have bonded and the mortar has cured properly (minimum of 48 hours).

GROUTING AND FINISHING THE JOINTS

Once all of the Cast Veneer Stone has been installed on the wall surface, use a grout bag and fill the joints between the stones with mortar, making sure to fill all voids. It is recommended that a Type S or N mortar be used. The grouting mortar can be colored if desired.

When the mortar joints have begun to set and become firm to the touch, use a jointing tool to pack the joints and rake out the excess mortar to the desired depth. Make sure that all the edges of the stones are thoroughly sealed with mortar by pressing the mortar into place. Once the mortar joints have been worked, use a soft, hand whisk broom or paint brush to smooth the joints and clean away any loose mortar from the stones.

DRystack INSTALLATION

Dry stack installation follows the same guidelines as normal installation with a few key differences, addressed below.

1. Install from the bottom up.
2. Stones should be dampened regardless of air temperatures, bearing in mind that work should not be conducted in temperature below 40°F. If the scratch coat is dry, wet the wall as you go.
3. Use a chalk line and a torpedo level to periodically level individual stones during installation.
4. As there will be no mortar joint strengthening the bond, it is important that ample mortar is applied to the back of each stone. Be sure to cover it 100% with enough mortar to ensure it squeezes out around the edges when pressed in place. Mortar should not be stiff allowing the joint to seal to the next stone. After setting stone, use a trowel to remove excess mortar and fill any voids along the stone's edges.
5. Remove mortar smears immediately with a damp sponge.

CLEANING

It is always recommended that a test of the cleaning method be done in an inconspicuous location prior to proceeding with the overall cleaning. Cleaning materials and methods appropriate for other masonry surfaces may not be suitable for Cast Veneer Stone.

GENERAL MAINTENANCE

- To clean dirt or dust, use a garden hose and a soft bristle brush
- Mild detergents can be used but should be rinsed immediately
- DO NOT use a wire brush
- DO NOT use acid based products or a pressure washer to clean stone

EFFLORESCENCE REMOVAL

- Allow Cast Veneer Stone to dry completely
- Scrub with a nylon stiff bristle brush and rinse thoroughly with clean water

CAUTION!

Dry sawing or grinding of concrete masonry products will result in the release of respirable crystalline silica dust. When sawing or grinding, OSHA requires the use of an integrated water delivery system. When dry sawing or grinding, the use of tight fitting goggles with a minimum APF10 half face respirator is required along with an attached vacuum dust collection system. Fit testing for half face respirator is required. For more information, refer to www.osha.gov/silica

PART I — GENERAL

1.01 SUMMARY

- A. Section Includes: Manufactured stone veneer, Manufactured stone trim, and application materials.
- B. Related Sections:

INCLUDE ALL DIVISION 01 SECTIONS CONTAINING LEED® REQUIREMENTS, ENTER SECTION(S) IN 1. BELOW THAT SPECIFIES SUBSTRATE FOR MANUFACTURED MASONRY. ADD/DELETE OTHER SECTIONS AS APPROPRIATE.

1. _____ - _____
2. Division 05 or 06, Section specifying weather resistant barrier over framed walls.
3. Division 07, Section specifying flashing material.
4. Division 09, Section specifying Portland Cement plastering.
5. Division 10, Section specifying fireplaces and stoves.

1.02 REFERENCES

- A. American Concrete Institute (ACI).
- B. American Society for Testing and Material (ASTM):
 1. ASTM C 39, Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens.
 2. ASTM C 177, Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus.
 3. ASTM C 192, Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory.
 4. ASTM C 270, Standard Specification for Mortar for Unit Masonry.
 5. ASTM C 482, Standard Test Method for Bond Strength of Ceramic Tile to Portland Cement.
- C. National Concrete Masonry Association (NCMA).
- D. Masonry Veneer Manufacturers Association (MVMA).
- E. LEED®: US Green Building Council's Leadership in Energy and Environmental Design Green Building Rating System™.

1.03 SUBMITTALS

- A. Submit following items:
 1. Product Data: Cast Veneer Stone by EP Henry and application materials including mortar color charts, and weather resistant barrier.
 2. Samples: Panel containing full-size samples of specified Cast Veneer Stone by EP Henry showing full range of colors and textures complete with specified mortar.
 - a. Actual size of masonry sample minimum 12 x 12 inches.
 3. Quality Assurance/Control Submittals:
 - a. Test Reports for physical properties.
 - b. Manufacturer's Installation Instructions.
 - c. Material Safety Data Sheets. (MSDS)

4. LEED® Submittals:

- a. Credit MR 5.1 Local/Regional Materials: Indicate location of manufacturer of manufactured masonry, and distance from manufacturer to project site.

MANUFACTURED MASONRY CAN ALSO CONTRIBUTE TO CREDITS EA 1.1 – 1.5 FOR OPTIMIZING ENERGY PERFORMANCE, HOWEVER, NO SPECIFIC SUBMITTALS ARE REQUIRED IN THIS SECTION

B. Closeout Submittals:

1. Maintenance Instructions
2. Special Warranties

1.04 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer Qualifications:
 - a. Minimum five years experience in producing manufactured masonry.
 - b. Member of following organization: NCMA

B. Field constructed Mock-up: Prior to installation, erect to verify selection(s) made for color and textural characteristics, and to represent completed masonry work for appearance, materials and construction.

1. Minimum Size: 4 by 4 feet, or as required by architect
2. Approved field samples may remain as part of completed work.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Cast Veneer Stone by EP Henry shall be delivered in manufacturer's protective cartons, with anti-scuffing material between each layer of stone.
- B. Protect materials from rain, snow, ground water and soil during storage and installation.

1.06 PROJECT/SITE CONDITIONS

- A. In accordance with good building practices, maintain materials and ambient air temperature in the work area at a minimum of 40 degrees F during installation and for 48 hours following the completion of work.
- B. Do not install product below grade or in a water environment.
- C. Do not install in applications that expose the product to chlorine or chemicals, as discoloration may result.
- D. In fireplace and chimney applications, product should be kept at least 18" away from direct flame.

1.07 WARRANTY

EP Henry provides a 50-year warranty to the original purchaser for Cast Veneer Stone when installed in accordance with the manufacturer's installation guidelines. The warranty applies to Cast Veneer Stone units only and does not cover installation labor or damage resulting from improper installation or misuse of product.

NOTE: As industry guidelines and building codes may change from time to time, for the most up-to-date standards, please visit www.masonryveneer.org

SPECIFICATION

PART 2 – MATERIALS

2.01 MANUFACTURER

- A. EP HENRY Tel: 856-845-6200
201 Park Avenue Fax: 856-845-0023
Woodbury, NJ 08096 Web: www.ephenny.com

Insert name, address and phone numbers of local distributor below.

1. Manufacturer's Distributor
- B. Substitutions: None permitted.

2.02 MANUFACTURED MASONRY MATERIALS

It is recommended that an amount equal to 5% be added to the order for each product type to allow for cutting, trimming and to achieve the best fit.

*SELECT PRODUCTS FROM A., B., AND C. BELOW AS REQUIRED FOR THE PROJECT
DELETE THOSE NOT USED*

A. CAST VENEER STONE BY EP HENRY: FLATS

1. Single Product Style and Color

_____ , _____

2. Blended Product Style and Color

a. _____ Percent: _____ , _____

b. _____ Percent: _____ , _____

B. CAST VENEER STONE BY EP HENRY: CORNERS

1. Single Product Style and Color

_____ , _____

2. Blended Product Style and Color

a. _____ Percent: _____ , _____

b. _____ Percent: _____ , _____

C. CAST VENEER STONE BY EP HENRY: FITTINGS

Product Style, Color

1. Trim Stones: _____ , _____

2. Keystones: _____ , _____

3. Electrical Boxes: _____ , _____

4. Sills/Water Tables: _____ , _____

5. Quoins: _____ , _____

6. Hearthstones: _____ , _____

D. CAST VENEER STONE BY EP HENRY:

PHYSICAL PROPERTIES:

1. Compressive Strength: All CVS units exceed ASTM C-39 and C-192 with minimum of 2000 PSI.
2. Bond Between Stone Unit, Type S mortar, and backing: to meet ASTM C-482 with minimum of 50 PSI.
3. Thermal Resistance: ASTM C-177.
4. Fire Hazard Test: UL 723.
5. Maximum Veneer Unit Weight: 15 PSF

2.03 RELATED MATERIALS

(See Typical Wall Details for Cast Veneer Stone by EPH)

EDIT FOLLOWING MATERIALS BASED ON LOCAL USAGE AND BUILDING CODE REQUIREMENTS, DELETE MATERIALS SPECIFIED IN SEPARATE SECTIONS.

- A. Weather Resistant Barrier, as required.
- B. Metal Lath: minimum 2.5# galvanized metal lath
- C. Fasteners: For sheathing over wood or metal stud
 1. Wood Studs: Galvanized nails with a minimum shank diameter of 1/8" or galvanized staples with a minimum length of 1 3/8".
 2. Metal Studs: Self tapping, galvanized, flat head screws with a minimum head diameter and length of 1/2".
- D. Mortar: Type S mortar, mixed from components or pre-blended and complying with ASTM C-270.

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Examine substrates upon which Cast Veneer Stone by EP Henry will be installed for compliance with manufacturer's Installation Guidelines.
- B. Correct any improper conditions prior to proceeding with installation.

3.02 PREPARATION

- A. Do not allow work to occur on the opposite side of walls to which manufactured masonry is being applied during and for 48 hours following installation of the Cast Veneer Stone by EP Henry.
- B. Refer to installation instructions in 3.03 for proper surface preparation.

3.03 INSTALLATION

MANUFACTURER'S INSTALLATION GUIDELINES ARE BASED ON TYPICAL INSTALLATION SITUATIONS. UNUSUAL CONDITIONS SHOULD BE ADDRESSED WITH MANUFACTURER PRIOR TO INCLUDING IN SPECIFICATION.

- A. Install Cast Veneer Stone by EP Henry in accordance with Manufacturer's Installation Guidelines.
- B. Install Related Materials specified above in accordance with type of substrate and manufacturer's installation guidelines and Typical Wall Details for Cast Veneer Stone.

3.05 CLEANING

- A. Clean manufactured masonry in accordance with manufacturer's installation instructions.

3.06 PROTECTION

- A. Protect finished work from rain during and for 48 hours following installation.
- B. Protect finished work from damage during remainder of construction period.

NOTE: As industry guidelines and building codes may change from time to time, for the most up-to-date standards, please visit www.masonryveneer.org

CAST STONE WALL COLLECTION



Single Sided Cast Stone Wall, Birch

EP Henry offers a Cast Veneer Stone look for Hardscape applications. The Cast Stone Wall Collection consists of single and double sided wall systems, round and square fire pit kits, plus stand-alone face shells to be used on house veneers, as well as outdoor fireplaces, kitchens and more.



Double Sided Cast Stone Wall, Cast Stone Wall Face Shells, Round Cast Stone Wall Fire Pit Kit, Breckenridge



ADIRONDACK



ASPEN



BIRCH



BRECKENRIDGE



SANTA BARBARA*

NEW

Check www.ephenry.com for the most up-to-date information on products and colors.

*Available Full Face only.



Cast Veneer Brick, Chestnut Hill



Double Sided Cast Stone Wall, Cast Stone Wall Face Shells, Round Cast Stone Wall Fire Pit Kit, Breckenridge



*virtually indistinguishable from
natural stone*

Cast Veneer Stone LedgeStone
Aspen, Mortared



Please visit our website www.ephenry.com or call
800.44.HENRY for additional product information,
samples or to have your EP Henry Sales
Representative contact you.

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