spaces that rock



-Introducing the latest innovation in wall technology and beauty..._ available only from EP Henry_

> OPEN FLAP TO READ MORE ABOUT OUR NEW CAST STONE WALL!

Why settle simply for a product when you can also get a Project Partner? With over 110 years' experience, EP Henry has learned a thing or

two about how to make sure their customers get not only the best product but the best finished project. That's because we don't see ourselves as just a manufacturer but as your project partner. From Inspiration to Installation, we are with

you every step of the way, even before you begin. For starters, we conduct extensive training and education to make our contractors the most qualified and professional in the industry (or any industry for that matter). Then, with our Project Concierge Service, who will find you the best contractor for your project, to our exclusive financing programs and a Lifetime Product Warranty, no

one has your satisfaction in mind more than EP Henry. So, come on in and experience the EP Henry Advantage, as tens of

thousands of satisfied customers already have.

4 Inspiration Galleries

Get great ideas for your next project in our Inspiration Galleries. Search through these photographs of patios, pools, walkways, steps, walls and more to find elements of your style.

Need more inspiration? Visit **ephenry.com** and view our entire gallery online.

41 Pavers

EP Henry offers the widest variety of paving stone shapes, sizes, colors and textures so you will never have to compromise when creating the patio, walkway or driveway of your dreams.

81 Walls

Add form and function to your outdoor project with EP Henry Wall Systems. Available in a wide variety of colors, sizes, textures and styles you can build retaining or garden walls, columns, bars, kitchen areas and more.



Contents

32 The EP Henry Story For more than a century, our family-owned, American-made company has provided enduring products and services to families like yours.

34 History of Manufacturing EP Henry offers the broadest product selection in the industry at price points to meet all budgets so you never have to compromise on your Hardscaping dreams.

36 EP Henry: Your Project Partner Sit back and relax - EP Henry is in your corner with your next outdoor project. Learn more about our

industry exclusive services here. 40 Lifetime Product Warranty

Get information about the industry's first Lifetime Product Warranty and Limited Installation Warranty on Hardscaping[™] products installed by an EP Henry Authorized Hardscaping Contractor[®] referred through our I-to-I Program (see page 36 for more information on EP Henry I-to-I).

68 Go Green with EP Henry's ECO Pavers Make your address more environmentally friendly with EP Henry's line of Permeable Paving Solutions

that are durable, attractive, cost-effective, and are sure to make your neighbors "green" with envy.

98 Cast Stone Wall

NEW For 2015! Cast Stone Wall is the first and only mortarless retaining wall system to provide the beauty of natural stone at a fraction of the cost. This newest addition to the EP Henry product line represents the next generation in retaining walls.

100 Cast Veneer Stone

Your neighbors will never know if it is straight from the quarry or EP Henry's Cast Veneer Stone. Learn about the many options available to enhance your home's exterior, spruce up a fireplace and grill area, or add drama to a room inside your house.

104 Complete the Look

Don't stop with just pavers and walls! Add onto your outdoor living space with the addition of a fire pit kit, water feature, fire place or a pizza oven.

108 Where to Buy

When you are ready to start the project of your dreams check out this list of EP Henry Authorized Hardscaping Distributors®. This established network of independently owned distributors are local professionals who specialize in Hardscaping products and will help fulfill your project needs.

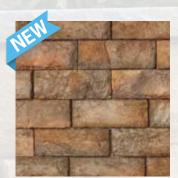
110 HeroScaping[®]

We have a long history of giving at EP Henry and our HeroScaping program is dedicated to serving those who have served our country. Through material and monetary donations we help create monuments and memorials that preserve our country's priceless heritage.

Cast Stone Wall

AST STONE WALL* IS THE FIRST and only mortarless retaining wall system to provide the beauty of natural stone at a fraction of the cost. Developed by EP Henry and utilizing technology that is a marriage of wet cast and dry cast manufacturing processes, Cast Stone Wall represents the next generation in retaining walls.

WITH OVER 70 UNIQUE FACE PATTERNS and crafted from molds utilizing natural stone, Cast Stone Wall is virtually indistinguishable from its original inspiration. And, unlike conventional masonry wall systems, Cast Stone Wall can be installed in about onethird of the time and half of the cost. Cast Stone Wall by EP Henry allows you to create everything from garden to retaining walls that truly emulate natural stone so closely that only you and your builder will know the difference. *Patent Pending



CAST STONE WALL FULL FACE, DURANGO



CAST STONE WALL RANDOM FACE, DURANGO







4

3 Piece Modular with 9"x9", Chestnut, Random Installation; 3" and 6" Combo Rustic Double Face Wall, Chesapeake; Cast Veneer Stone, Ledgestone, Aspen & Breckenridge (Dry Stack)

- 66 We love the new space! We now have more usable space than our old deck ever did. We love to sit around the fire at night with our friends. ??

> Bristol Stone[™] I and II, Harvest Blend, Random Installation; 6" Coventry[®] Wall III, Harvest Blend

Old Towne Cobble™, Pewter Blend, "I" Pattern with Soldier Course Border

OUTDOOR LIVING

66 We are very pleased with the quality of EP Henry products. Our patio turned out absolutely beautiful and the neighbors stop by often to enjoy it! 29

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UA,

Bristol Stone™ II, Golden Maple, Random Installation with Brick Stone Soldier Course Border, Charcoal

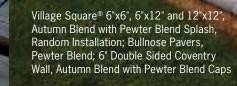
DevonStone[®] Saw Cut, Blue Pennsylvania Bluestone, Green Pennsylvania Bluestone, and Brownstone, Random Installation; 6" Double Sided Coventry[®] Wall, Dakota Blend

Content of Content of Contents



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3 Piece Modular with 9"x9", Chestnut, Random Installation with Soldier Course Border; 3" and 6" Rustic Double Face Wall, Chesapeake

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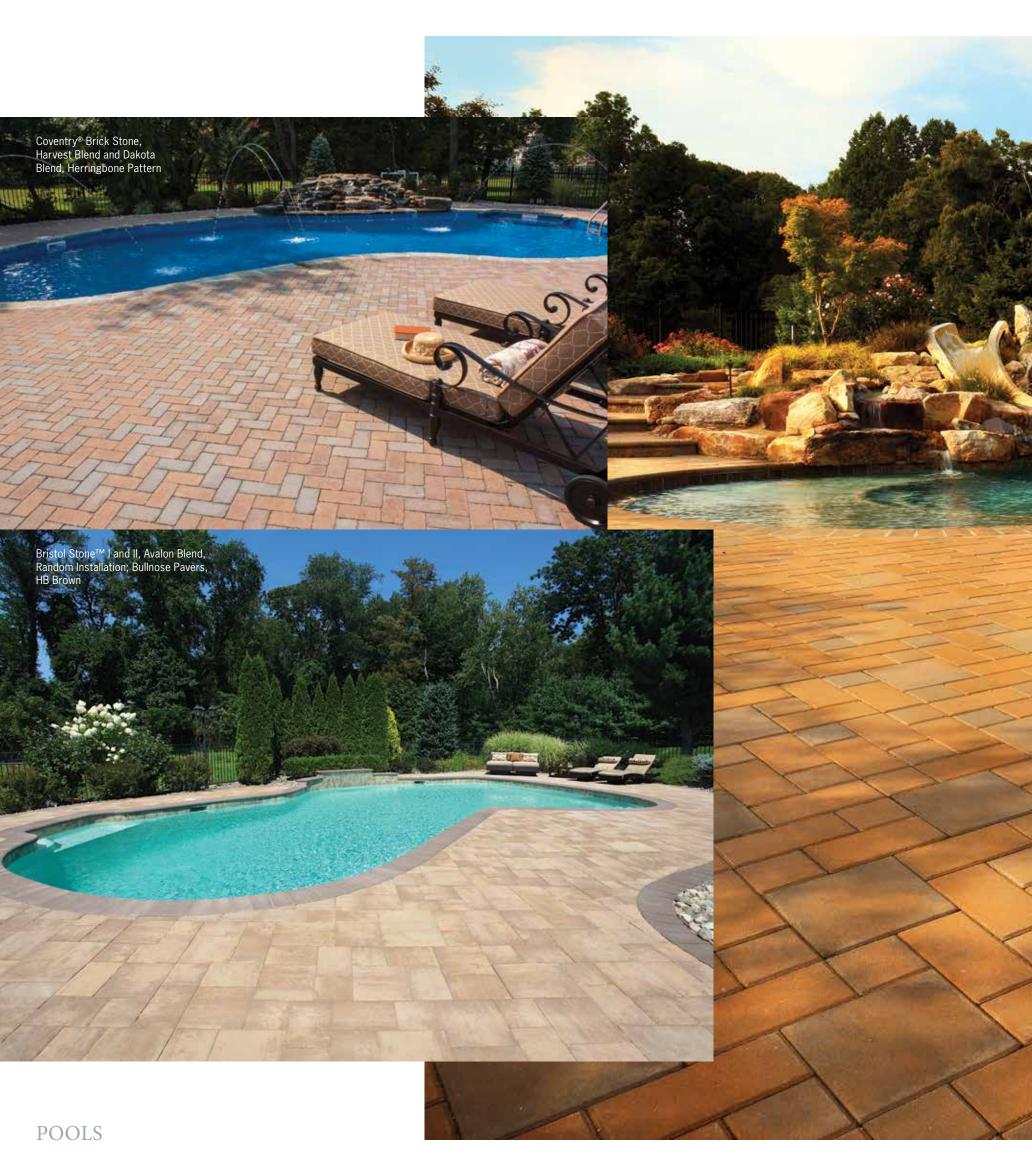
OUTDOOR LIVING



----- ECO[™] Paver, Pewter Blend, Running Bond Pattern



— 66 We are so happy we decided to have EP Henry Pavers around our pool and walkways. It has enhanced the beauty of our pool area and makes it feel like a resort. 99 6"x9" Old Towne Cobble™, Autumn Blend, 90° Herringbone Pattern with Circle Kit and Soldier Course Border, Charcoal



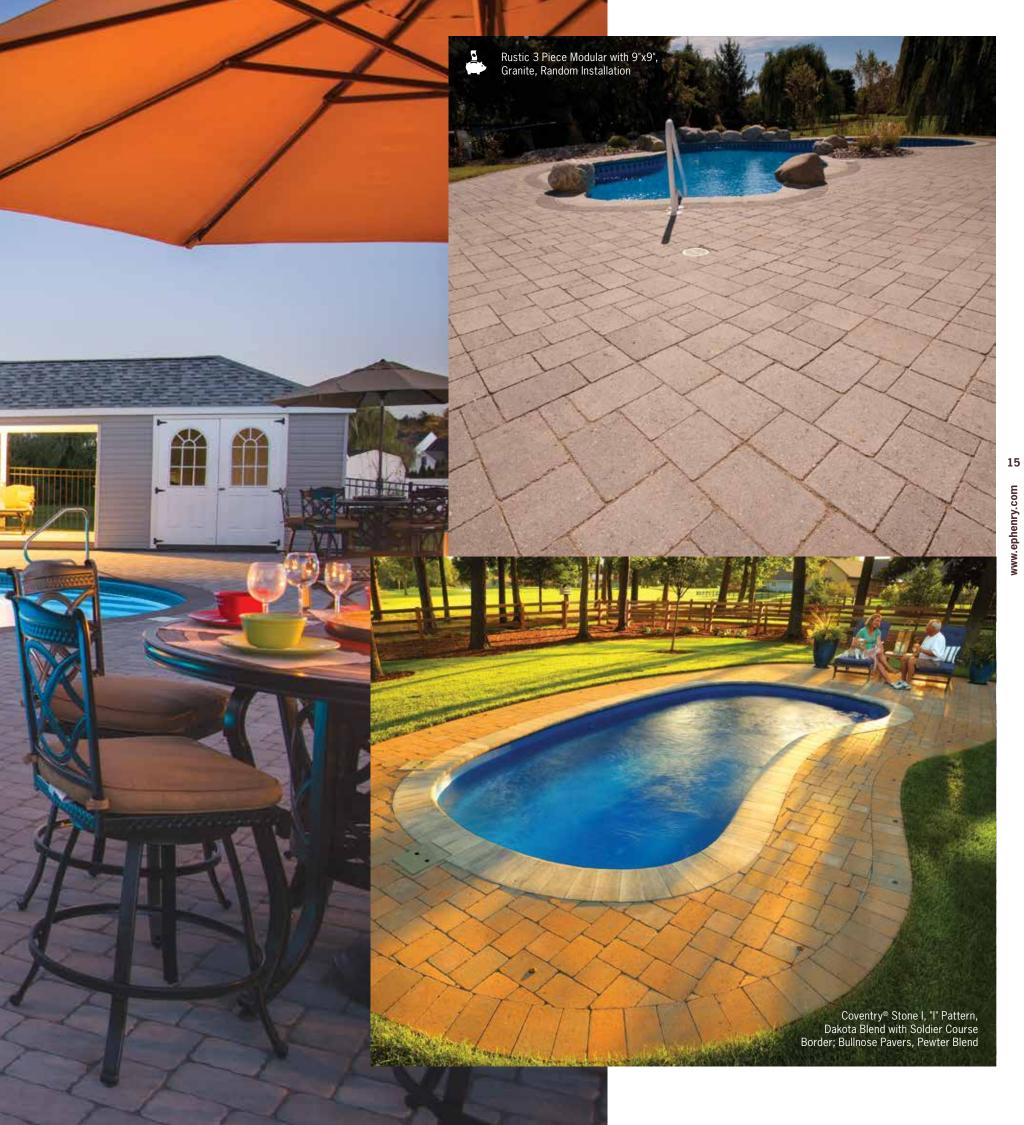


Old Towne Cobble™, Pewter Blend, "I" Pattern; Bullnose Pavers, Charcoal; Terrace Wall™, Pewter Blend

A CONTRACTOR OF A CONTRACTOR O

— 66 We now have the most functional party space I have seen. We continuously have people over and they are amazed at the layout. Between the eating area, fire pit and pool deck with its own pool house, it's just incredible how it flows off of our home. ??

WATER PROPERTY AND ADDRESS OF THE PARTY OF T





Village Square[®] 6"x6", 6"x12", and 12"x12", Random Installation; Coventry[®] Bullnose; Terrace Wall™ all in Dakota Blend Old Towne Cobble[™], Autumn Blend, "I" Pattern with Soldier Course Border; 6" Coventry Wall, Pewter, Blend

DevonStone[®] Chilton Steps, Chiseled Finish, DevonStone Pier Caps and DevonStone Double Sided Treads, all in Bluestone; 6" Coventry[®] Wall III, Harvest Blend

66 We love our paver patio, walkway and accented driveway. It just gives our home an upgraded look that we were seeking. **??**

Coventry[®] Stone II Harvest Blend and Dakota Blend, Running Bond Pattern with Sailor Course Border; Terrace Wall[™], Harvest Blend

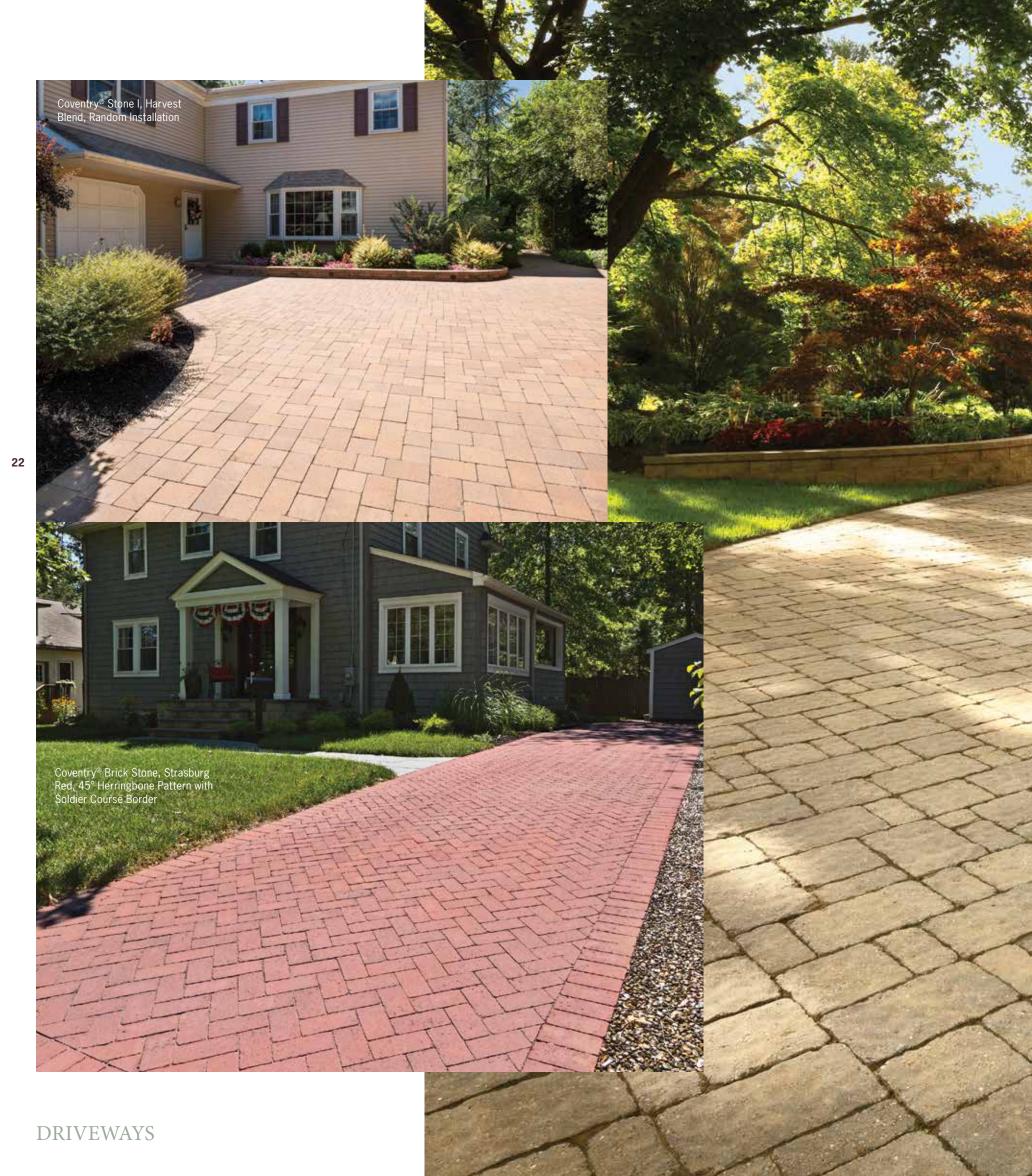
WALKWAYS & STEPS

Danbury, Avalon Blend, 90° Herringbone Pattern









Coventry[®] Cobble & Estate Cobble, Pewter Blend, Random Installation with Custom Border (Available by Special Order)

- 661 love my new driveway and walkways. It changed the whole look of my house. I have great curb appeal. Can't wait to get the rest of my flower beds completed. ??



– 66 We now have a place to enjoy our patio year round. The kids love roasting marshmallows in the firepit and entertaining is a lot more fun with the new bar area. ??

the sh

6" Coventry® Wall III, Harvest Blend; DevonStone® Pier Caps, Bluestone; Fire Pit Kit, Harvest Blend

i ye

Mesa[®] Wall, Harvest Blend; Coventry[®] Stone I, Harvest Blend, "I" Pattern

Seren and

Coventry Wall Plus, Dakota Blend

3"and 6" Combo Rustic Double Face Wall, Earth; Fire Pit Kit, Harvest Blend; Village Square® 6"x6", 6"x12", 12"x12", Harvest Blend, Random Installation

- BARRA

Diamond Pro[™], Harvest Blend; Old Towne Cobble[™], Harvest Blend, Random Pattern with 6"x9" Soldier Course Border

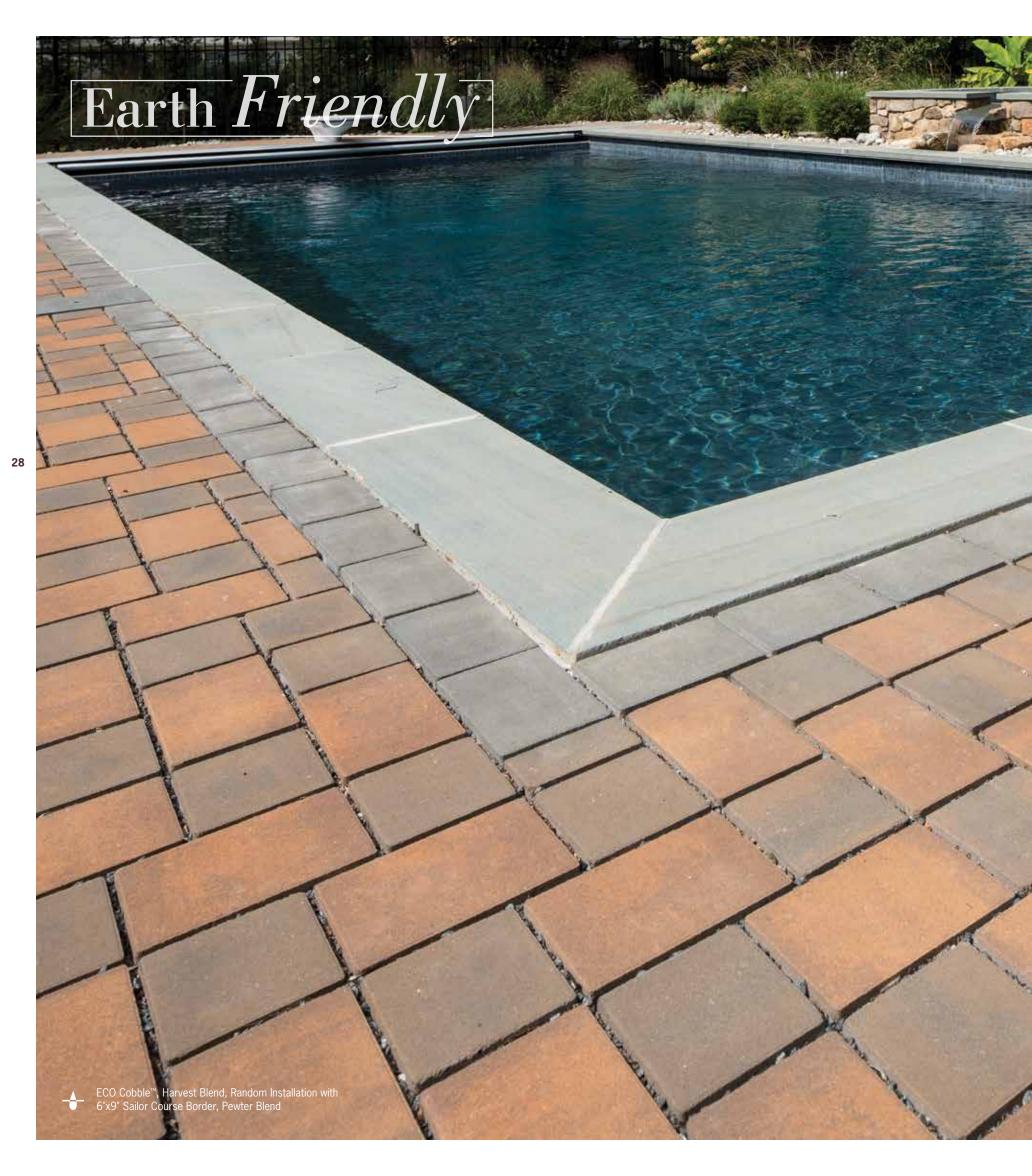
- 66 Our new retaining wall has allowed me to quit having to mow a hill that was so steep that I had to wear baseball spikes to keep from slipping. My backyard is now functional and looks beautiful. I can use the surrounding space for grilling and entertaining as well as playing catch with my son. ??

PETRYENE AND

Sala Sulara

entry® Wall Plus, Dakota Blend

ABLEST SEA



66 The EP Henry ECO pavers put the finishing touches on our new home. We are extremely happy with the product and love the fact that the pavers allow melting snow to drain away ??

ECO Cobble[®] , Dakota Blend; Cast Veneer Stone, Ledgestone, Breckenridge,

INDORNE BRITERS

THEFT

Dry Stack

ECO Cobble® 6"x9", Harvest Blend, Running Bond Pattern

H

Unin

THE OWNER

BERS LINES



- 66 After looking at products from several manufacturers, we chose EP Henry on the basis of colors, textures, cost and the experience of our installer with the product. ??

Always innovating with you in mind.

Edward P. Henry Founder of EP Henry



James C. Henry 2nd Generation, President



James C. Henry, Jr. **3rd Generation, President**



James C. Henry III 4th Generation. Current CEO



We Are The Leader In Hardscaping

Over a Century of Customer Satisfaction

As a 4th generation family owned and operated company, we've worked hard to provide our customers the best products and service; and we appreciate the loyalty and relationships that have brought us to this milestone.

American-Made, American-Owned and Proud Paver of Choice for the Statue of Liberty

We're proud of our American roots and to have been selected as the Manufacturer of Choice to supply pavers after Superstorm Sandy wiped out the walkways of Liberty Island. To read more about the Statue of Liberty Grounds Restoration, see the inside back cover.

HeroScaping[®]— They Gave Their All and for that we give back.

Going back to the Revolutionary War, the Henry family has been involved with military service to our country. Through material and monetary donations we help create monuments and memorials that preserve our nations priceless heritage. For 2015, our goal is to expand the program through our contractor network and increase the participation in local communities.

Your Project Partner

We do more than simply manufacture Hardscaping products. We furnish you with the information, tools and assistance to ensure you get the project of your dreams. Our complimentary services can be found on p.36.

66 In our 20+ year business relationship, EP Henry has always impressed me with their vision and innovation. They are always pushing the envelope to ensure the technology and systems they utilize will produce the best products on the market. Without a doubt, EP Henry is an industry leader and has been the benchmark for excellence in Hardscaping and concrete products. ??







Pathfinder Systems is the leading provider of manufacturing equipment to the hardscaping industry.



Superior Color Technology

With the installation of the Colorist System, EP Henry continues our commitment to investing in the newest and most innovative industry technology. Through the Colorist system, EP Henry is able to achieve unsurpassed consistency of color blending within each paver for beautiful, natural looking results.

The Colorist System utilizes frequency controlled mechanisms to fine tune the blending process within each paver. The result is a paving stone product that is clearly superior to any other product in the industry as there is a more uniform and rich blend of colors within each paver.

MANUFACTURING PROCESSES ________ *A History of* Innovation

Unly EPH offers a completely integrated line of Hardscaping products that includes both wetcast and dry cast pavers and walls systems. We even manufacture products used for home exteriors and interiors. And, we have manufacturing facilities dedicated specifically to each unique product and process to ensure the best performing and most appealing products on the market today.

For over 20 years EP Henry has used exclusive Durafacing technology which provides rich color and increased durability.



DURAFACE PAVERS

If you are looking for an ultra-smooth surface texture with a rich color blend — EP Henry's Duraface Pavers are the right choice. EP Henry's Durafacing technology was the first in the market and has been imitated, but never equaled. The combination of using the highest quality pigments and cements with our time-tested manufacturing techniques produces the most durable paver in the industry. This unique and sophisticated manufacturing technique concentrates a layer of cement and pigment on the surface of the paver, resulting in a richer color, smoother surface and a paver with unparalleled durability.

66 We already had EP Henry for over 20 years and the product still looks great, so it was an easy choice for our new driveway. **??**



Every Duraface paver from EP Henry, whether it was manufactured 20 years ago or today, matches the same thickness. It's true — measure it for yourself!

Our aging process gives the texture of a weathered paver.



COVENTRY® PAVERS

If you prefer a warmer color with a natural look — our Coventry line offers pavers that emulate weathered stone. Coventry pavers go through a deliberate secondary manufacturing process that softens the edges and "ages" the surface. EP Henry uses a distinct distressing technology that results in pavers with soft, through body color. Most of our "aged" or Coventry pavers are also made with a blend of several colors that simulates the gentle nuances that natural weathering produces.



Our Wet Cast products, DevonStone & Cast Veneer Stone, are crafted from molds formed from natural stone so the two are virtually indistinguishable.



Sometimes taste and home style lend themselves to a large scale or a more stone-like surface texture and EP Henry's DevonStone line of Cast Stone Pavers achieves just the right look. In sizes ranging from 12"x12" to 24"x24", and colors that evoke nature's bluestone, green slate, and brownstone, DevonStone truly captures the beauty of quarried stone. EP Henry has painstakingly created our molds from actual pieces of natural stone and invested in a separate dedicated manufacturing facility to craft DevonStone's authentic look.

Cast Veneer so close to n indistinguisha

CAST VENEER STONE

Cast Veneer Stone by EP Henry achieves its authenticity honestly. We crafted a product so close to natural stone in appearance, color and texture, that 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 from Pennsylvania Field Stone to Ledgestone and even the beauty and tradition of clay with our Cast Veneer Brick and more. Cast Veneer Stone complements your home's exterior and interior walls as well as offering a range of applications such as fireplaces, kitchens, patio walls, and more — the possibilities are endless!

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www.ephenry.com



RH HUBIN FR EN HANN

By utilizing laser height control technology our walls are manufactured to the strictest tolerances in the industry. Unlike other manufacturers, we produce all of our own walls and offer the largest selection of colors, textures, and price points of any manufacturer.

WALLS

Adding form and function to an outdoor living space is a must. EP Henry's extensive wall collection allows you to create everything from a garden wall to a retaining wall and everything in between like a free-standing wall, raised patio, columns, and more. Offered in a wide range of colors, sizes, textures, and styles they complement any of our paving products perfectly and create a seamless and beautiful look.



Don't forget to check out our newest addition to the product line — Cast Stone Wall (page 98)





IMPERIAL 🎍

EP Henry's Imperial Pavers and Wall System make it possible to create the project of your dreams without sacrificing quality for value. Pavers are offered in two different finishes that enable you to choose a clean, crisp and smooth look or a more weathered appearance that uses our sophisticated texturing process and provides a time-tested aged finish. Engineered with simplicity in mind, Imperial Pavers and Walls offer the most popular shapes and sizes, versatile colors, and design options that make a cost conscious choice perfect for any home.

New for 2015

The Colorist System by EP Henry

We are proud to announce the integration of the Colorist System into our paver production facilities. The German designed and engineered system is breakthrough technology that allows for unsurpassed blending capabilities by way of controlling the dispersion of colors and blending throughout the manufacturing process.

The Colorist System utilizes frequency controlled mechanisms to fine tune the blending process within each paver. The result is a paving stone product that is clearly **Superior to any other product in the industry** as there is a more uniformed and rich blend of colors within each paver.

Cast Stone Wall*

Cast Stone Wall is the first and only mortarless retaining wall system to provide the beauty of natural stone at a fraction of the cost. Developed by EP Henry and utilizing technology that is a marriage of wet cast and dry cast manufacturing processes, Cast Stone Wall represents the next generation in retaining walls.

With over 70 unique face patterns and crafted from molds utilizing natural stone, Cast Stone Wall is virtually indistinguishable from its original inspiration. And, unlike conventional masonry wall systems, Cast Stone Wall can be installed in about one-third of the time and half of the cost. Cast Stone Wall by EP Henry allows you to create everything from garden to retaining walls that truly emulate natural stone so closely that only you and your builder will know the difference. <u>*Patent Pending</u>

Danbury[™] Pavers

Classic Wood decking turns to stone with EP Henry's new Danbury Pavers. It's textured surface and sleek design gives the term paving stones a whole new look. With better durability and less maintenance compared to wood decking, Danbury Pavers will create a space you can enjoy for years to come. For more information and availability, see page 55.



The Worry-Free Way to your Outdoor Dreams

FROM INSPIRATION TO INSTALLATION,

it's EP Henry I-to-I. We know the best contractors. Locating a dependable contractor is a lot easier when you've spent four generations in the hardscaping business.

Every year, EP Henry hosts the Mid-Atlantic Hardscaping Trade Show[®] — the largest Hardscaping[™] show in the industry — where we teach the latest installation methods and business skills to 1,000's of contractors annually . And the best of the best of the thousands we've taught become EP Henry Authorized Hardscaping Contractors[®].

Recommended Specifically For Your Job

When you contact an EP Henry I-to-I Concierge, they'll ask specific questions about the kind of outdoor project you're planning — then match you with Authorized Contractors who have demonstrated experience in that kind of job. Then, we warranty their work because EP Henry Authorized Hardscaping Contractors are as dependable as EP Henry products, we warranty I-to-I jobs like no other home improvement specialist can.

With You Every Step of the Way

An EP Henry I-to-I Concierge doesn't just refer great contractors. They check in regularly once your project is underway, just to make sure everyone is seeing eye-to-eye.

Get Started Today!

Connect with an EP Henry I-to-I Concierge (via web chat, phone, or completing a contact request form online)

*For more information about the EP Henry Product Warranty see page 40





What's on *your* wish list?

A poolside oasis? An outdoor family room? Level playing ground?

Financing Options

make your wish a reality

Your 2015 Wish Granted, Inspiration to Installation!

EP Henry I-to-I can do more than set you up with a great contractor. We can help you finance your Hardscaping Project.

You'll enjoy:

- Quick Application Process
- Fast and Easy Approval
- Personal Support and Service



To get started, contact us by phone: 1.800.444.3679 or email: financing@ephenry.com or on our site:



Choosing Your EP Henry Products

BEGIN WITH THE Application

Are you thinking of a patio off of your existing deck? Creating more usable space from your currently steep backyard? Need a pool surround? Retaining wall? Firepit? Also, consider the size of your project as this may guide the scale of the paver or wall option that fits best.







DRIVEWAY

POOLSCAPE

PATIO

IDENTIFY YOUR Home Style

Is your home Colonial? Modern? Rustic? Contemporary? Are you looking to create a new environmental "tone" to the property? With EP Henry's products you can choose to enhance your style or design a complete departure.



SELECT A Color Palette

Choose colors that work in harmony or purposely contrast with the home's palette. Pavers a few shades lighter than the color of your house won't compete for attention; conversely, darker tones and rich blends may liven an otherwise neutral space.

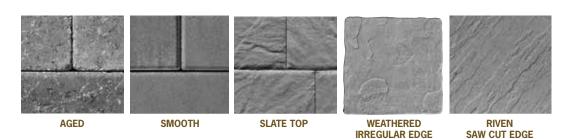


CHOOSE A Texture

Maximize your design with integration of multiple textures. Certain textures can suit your practical needs. For example, use a smoother surface in areas where you will be walking without shoes.

DESIGN THE Pattern

Patterns can help make your mark on your project. Shown below is a sampling of the more popular patterns homeowners often choose — but you're only limited by your imagination. Keep in mind some configurations require less cutting, allowing for a quicker, more efficient installation. And other patterns can fool the eye to make a space feel larger.



45° HERRINGBONE VENETIAN PARQUET RANDOM 90° HERRINGBONE CIRCLE

Great! Now what?

.. NEXT STEPS!



Contractor Referral

Every year EP Henry hosts the Mid-Atlantic Hardscaping Trade Show or MAHTS[®] as we call it. MAHTS is the largest installation and business skills training forum for contractors in the country, with 1000's of contractors who attend this multiple-day event. EP Henry is the only manufacturer in the industry to host this type of event and it's because we want to make sure you get the best contractor for your job. So while you're looking out the window dreaming of your new patio, walk or wall, your future EP Henry Authorized Hardscaping Contractor[®] is hard at work expanding their skills.

With EP Henry, you will get the best contractor for your job! Get started today at ephenry.com.



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Visit a Distributor for color samples

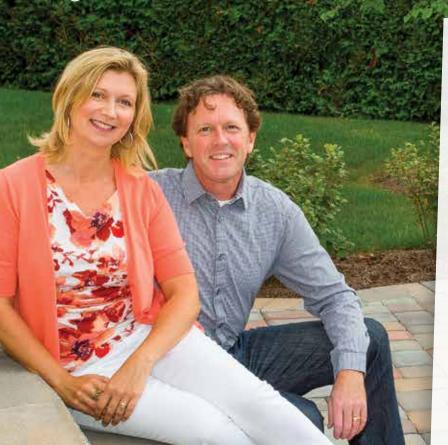
Because EP Henry Pavers are made from natural materials, variations in shade can be expected. To ensure your complete satisfaction with your EP Henry product, we recommend that you visit your local EP Henry Authorized Hardscaping Distributor[®] or ask your contractor for samples before making a final decision. (*page 108*)

Need Ideas before you call?

You can ALWAYS visit us online! Our website offers photo galleries, testimonials, product installation guides, and more to get you even more excited and inspired to begin your Hardscaping project.

This is a great place to start...ephenry.com

[Lifetime Product Warranty]



try, but there is only one EP Henry. The original innovator, the leader since 1903.

There may be other Hardscaping[™] manufacturers who

LIFETIME PRODUCT WARRANTY

We believe that the best WARRANTY is the one you never have to use, which is why we build quality into every product. Still, EP Henry provides a Lifetime Warranty on the structural integrity of our paving stones and wall systems for residential use. At no cost to you, EP Henry will replace paving stones and wall system products whose structural integrity is found to be defective under normal use, only if properly installed according to EP Henry standards and guidelines.*

For the complete terms and conditions of the warranty, visit ephenry.com

*If there is a defect in the structural integrity of a warranted paving stone or wall system product, EP Henry will supply and deliver, free of cost, to the customer's property location an adequate quantity of replacement paving stones or wall system products of the same type and size as the defective product necessary to replace the affected area. We cannot guarantee the color match of the replacement units and this warranty does not extend to the replacement product. EP Henry reserves the right to provide a product of comparable value if the original product colors is no longer available. A defect in "structural integrity" means the inability of a properly maintained paving stone or wall system product to perform the function for which it was designed due to defects in material. A defect in "structural integrity" does not mean a function caused by improper installation or workmanship.

Note: Efflorescence, a whitish, powder-like deposit that sometimes appears on concrete products, in no way affects the structural integrity of the paving stones and should wash and wear off over time. The use of concrete setting beds may also increase the possible occurrence of Efflorescence. Because this is a natural occurrence, EP Henry accepts no responsibility or liability for this condition. The lifetime product warranty does not apply to efflorescence.

EP Henry paving stones are made from natural, environmentally-friendly material, and therefore, variations in color may occur. Important Notice: A bolt-on urethane protection mat must be attached to the plate compactor as a precaution against surface scuffing on all EP Henry paving stones.

Give As You Receive

For every contractor-installed project using EP Henry Hardscaping products, EP Henry will make a Heroscaping[®] contribution in your name to one of the two following military organizations:

- Fisher House Foundation
- The National Military Family Association

SYMBOL KEY



ECO PERMEABLE PAVERS With our eco-friendly paving solutions, you can be sustainable and have a beautiful installation.



DO NOT USE FOR VEHICULAR APPLICATIONS It is not recommend to use these pavers for residential driveways.



BUDGET FRIENDLY

With EP Henry's cost-saving line of pavers and walls, you won't have to sacrifice quality and beauty to have the installation of your dreams. The are available in our most popular shapes and sizes and in colors that are equally as beautiful as other pavers and walls.



DON'T SCUFF THE PAVERS!

Manufacturers of plate compactors recommend the use of mats or membranes between the compactor and pavers to protect the pavers from surface damage.

EP Henry products most susceptible to damage include Old Towne Cobble[™], Coventry[®] Stone II, Coventry Stone III, Coventry Stone IV, Coventry Cobble & Estate Cobble, Bristol Stone[™], and Danbury[™]. These pavers have high and low points molded into the surface preventing the equipment from riding flat and subjecting the high points to potential scuffs.

DE-ICING

While no concrete product is truly de-icing salt proof, EP Henry Pavers — due to their high strength and low absorption rates — are more resistant to de-icing salts than concrete, asphalt and pavers that utilize inferior materials. However, misuse of de-icing products can, over time, lead to damage. EP Henry recommends The Interlocking Concrete Pavement Institute's guidelines to limit exposure to de-icing materials. For more information visit icpi.org

COLOR DISCLAIMER

Because EP Henry Pavers are made from natural materials, variations in shade can be expected. To ensure your complete satisfaction with your EP Henry product, we recommend that you visit your local EP Henry Authorized Hardscaping Distributor or ask your contractor for samples before making a final decision.



EP Henry Paver products are used to create patios, walkways, driveways, and more. Browse through our impressive selection of styles, colors, and finishes for your next Paver project.

COVENTRY® PAVERS

- 42 Coventry Stone I
- **43** Coventry Stone II
- **44** Coventry Stone III
- 45 Coventry Stone IV
- **46** Coventry Cobble & Estate Cobble
- **47** Coventry Brick Stone
- 48 Coventry Borders
- 49 Coventry Bullnose & Bullnose

STANDARD PAVERS

- 50 Brick Stone
- 51 Historic Brick Stone
- 52 Old Towne Cobble[™]
- 53 Village Square®
- 54 Symetry[®] & Octa Grande[®]
- 55 NEW! Danbury™

PRODUCT GUIDE & DETAILS

BRISTOL STONE™

56 Bristol Stone

57 Bristol Stone Smooth

IMPERIAL™ PAVERS

- 58 Holland Stone
- 59 Cobble Stone
- 60 Rustic Holland Stone
- 61 Rustic Cobble Stone
- 62 3 Piece Modular
- 63 Imperial Bullnose
- 64 Paver FAQs
- 65 Paver Accessories
- 66 Basic Installation

ECO™ PAVERS

- 68 ECO Introduction
- 70 ECO Paver
- 71 ECO Cobble® &
 - Coventry® ECO Cobble®
- 72 ECO Brick Stone™
- **73** ECO Installation Details

DEVONSTONE[®] CAST STONE SLABS

- 74 DevonStone Introduction
- 76 DevonStone Saw Cut
- 77 DevonStone Tennyson®
- 78 DevonStone Steps
- 79 DevonStone Caps & Treads
- 80 DevonStone FAQs

COVENTRY® STONE I



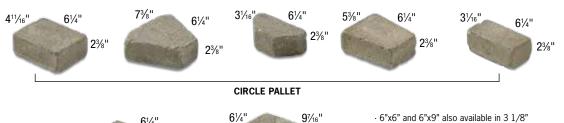
HB BROWN*

HARVEST BLEND

*Available in 6"x9" rectangle pallets only



PEWTER BLEND





6"x6" SQUARES PALLET



6"x9" RECTANGLES PALLET

23/8"

thickness by special order

Pewter Blend

· Circles Kits available in Autumn Blend, Dakota Blend, Harvest Blend, and

CUBING INFORMATION							
6"x9" 6"x6" CIRCLE							
RECTANGLES PA	ALLET	SQUARES PALLET	PALLET				
PIECES PER SF 2.4		3.7	-				
SF PER CUBE 124		113	86				
SF PER BAND	25	16	-				
LBS PER CUBE	3,331	3,139	2,371				

Coventry Stone I, Pewter Blend, Modified Herringbone Pattern and Running Bond Pattern with Dakota Blend Border and Insets; 3" and 6" Combo Double Sided Coventry Wall, Dakota Blend





CUBING INFORMATION 4 SIZES PER CUBE

PIECES PER SF	_
SF PER CUBE	106
SF PER BAND	-
LBS PER CUBE	2,780

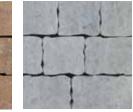


5½"









ND PE

PEWTER BLEND



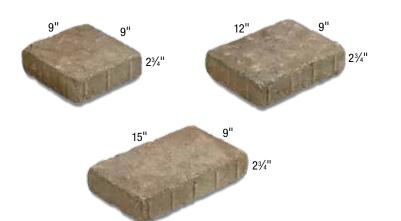
COVENTRY[®] STONE III





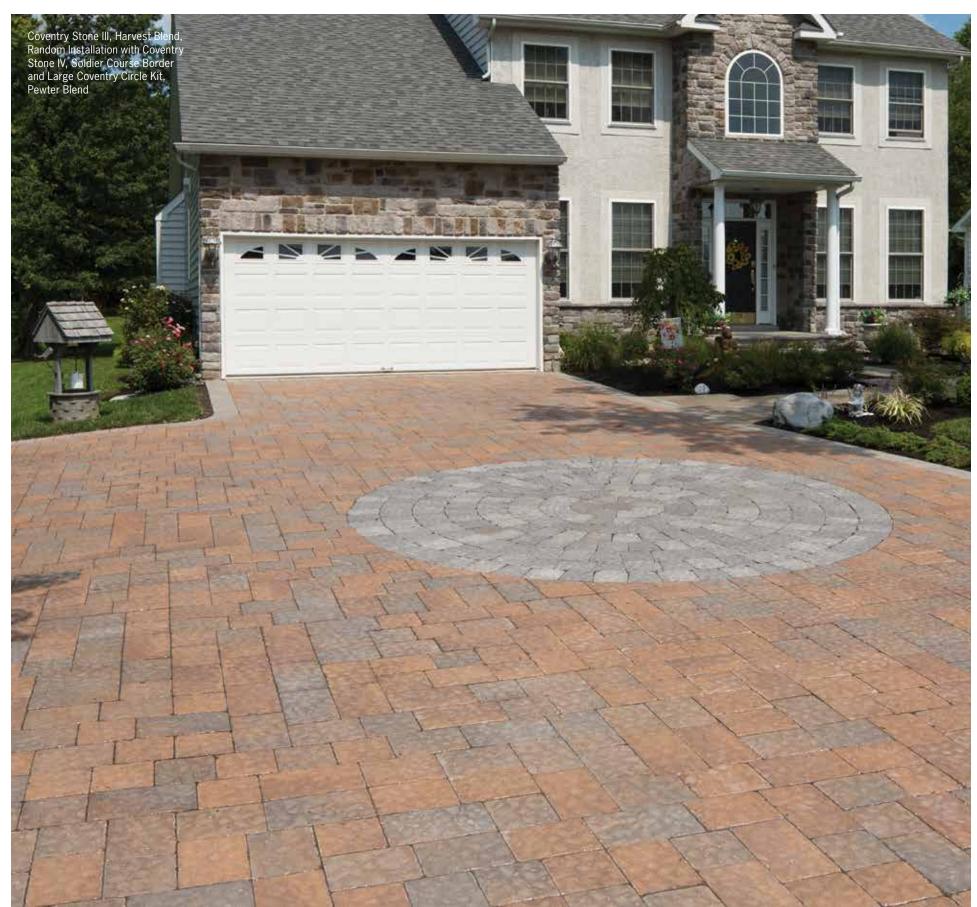
DAKOTA BLEND

HARVEST BLEND PEWTER BLEND



CUBING INFORMATION

3 SIZES PER CUBE	
PIECES PER SF	-
SF PER CUBE	90
SF PER BAND	22.5
LBS PER CUBE	2,964





CUBING INFORMATION

COVENTRY IV	
PIECES PER SF	1.6
SF PER CUBE	100
SF PER BAND	25
LBS PER CUBE	3,176



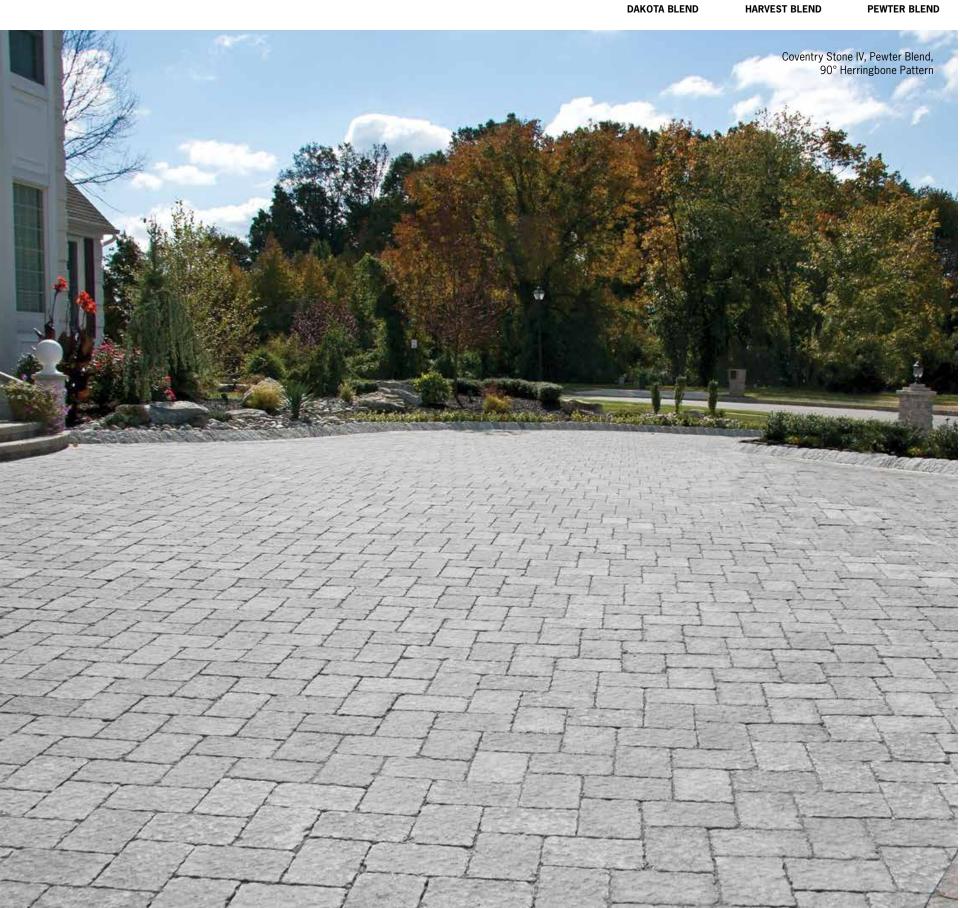






DAKOTA BLEND

PEWTER BLEND



COVENTRY® COBBLE & ESTATE COBBLE 🦼



AUTUMN BLEND

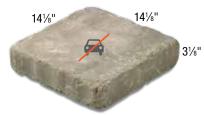


DAKOTA BLEND

HARVEST BLEND



45/8"



4%"

9¾"

31/8"

COVENTRY ESTATE COBBLE



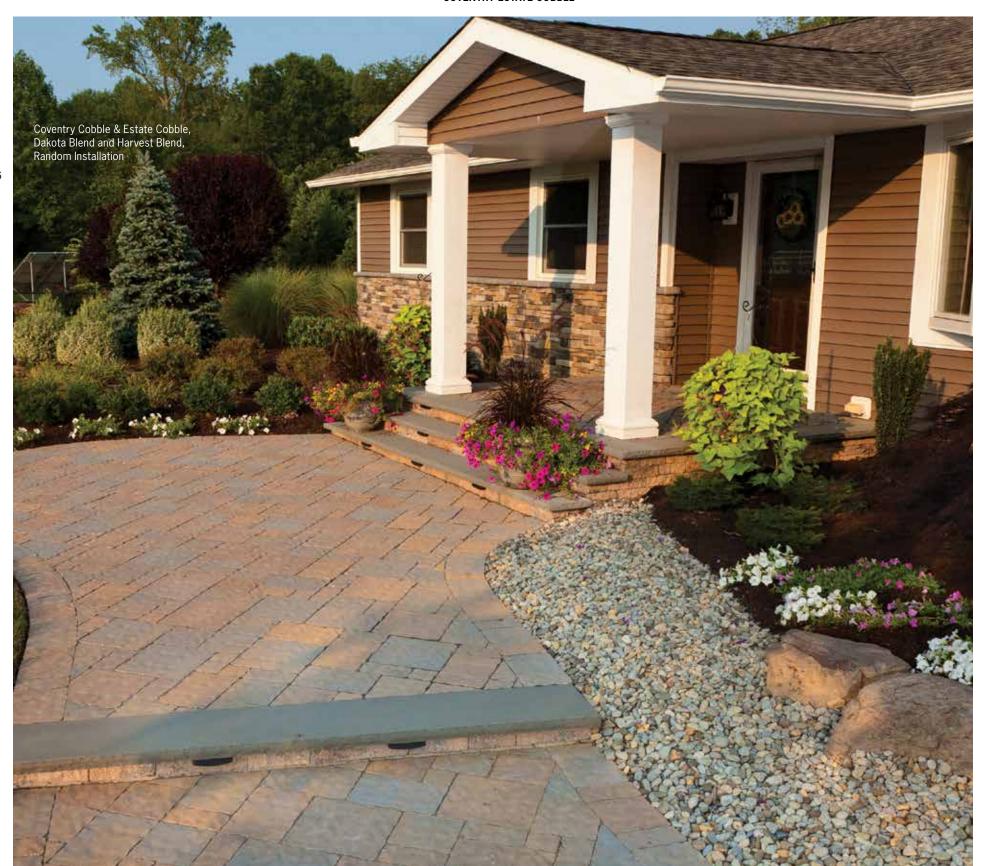
COVENTRY COBBLE

CUBING INFORMATION					
COVENTRY COBBLE COVENTRY ESTATE COBBLE					
PIECES PER SF	-	1.39			
SF PER CUBE	100	66			
SF PER BAND	-	22			
LBS PER CUBE	3,376	2,300			

9³/₈"

141/8"

31/8"



COVENTRY[®] BRICK STONE

CUBING INFORMATION

PIECES PER SF	4.5
SF PER CUBE	120
SF PER BAND	20
LBS PER CUBE	3,145





















COVENTRY[®] BORDERS



AUTUMN BLEND







PEWTER BLEND



COVENTRY EDGESTONE

*Thickness may vary +/- 3/8" * *Height may vary +/- $\frac{1}{2}$ "



COVENTRY CURBSTONE

CUBING INFORMATION					
	COVENTRY EDGESTONE				
PIECES PER SF	-	-			
SF PER CUBE	240	150			
SF PER BAND	-	-			
LBS PER CUBE	2,339	3,000			



CUBING INFORMATION						
COVENTRY BULLNOSE BULLNOSE						
PIECES PER SF	1.92	1.92				
SF PER CUBE	100	87				
SF PER BAND	192	29				
LBS PER CUBE	2,627	2,305				

Bullnose Pavers are not Durafaced[™] and, therefore, may vary in appearance from Standard Pavers





CHARCOAL

AUTUMN BLEND



DAKOTA BLEND

AUTUMN BLEND



HARVEST BLEND

HARVEST BLEND PEWTER BLEND



HB BROWN

PEWTER BLEND

Bullnose Pavers, Pewter Blend; Village Square® 6"x6", 6"x12" and 12"x12", Autumn Blend with Pewter Blend Splash, Random Installation; 6" Double Sided Coventry Wall, Autumn Blend with Pewter Blend Caps



Coventry Bullnose, Harvest Blend; Coventry Stone III, Harvest Blend, Random Installation

NEWS CONSIST



BRICK STO	NE 3 ¹⁵ /16"	7 1/8"			CUBING INFORM	IATION
					PIECES PER SF	4.5
	a sum to	2 3⁄8"			SF PER CUBE	120
		CALL DE LAND			SF PER BAND	20
		Available in 3½" thic	kness by special order		LBS PER CUBE	3,207
			1011 M			
			-			1
AUTUMN BLEND AZALE/	A (PREMIUM COLOR) CHARCO	AL DAKOTA BLEND	HARVEST BLEND	HB BROWN	PEWTER BLEND	RED
Brick Stone, Autumn Blend, 90° Herringbone Pattern wit Soldier Course Border.	h	VILLE ALENDER	A the same	and whether	OT	
Soldier Course Border.	30 AL	Lassal		STIL	FI	
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HISTORIC BRICK STONE

CUBING INFORMATION

PIECES PER SF	4.5
SF PER CUBE	120
SF PER BAND	20
LBS PER CUBE	3,307



Zoned Historic?

Historic Brick Stone makes an excellent selection in historic neighborhoods or with period architecture homes. This unique paver derives its colonial appearance from the elimination of chamfered edges found on our standard Brick Stone.



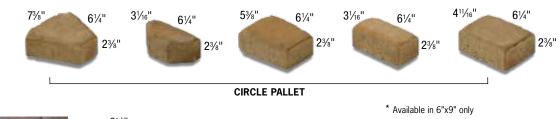
BROWN

STRASBURG RED



OLD TOWNE COBBLE

AUTUMN BLEND





AVALON BLEND



GOLDEN BLEND

HARVEST BLEND



CHARCOAL*

PEWTER BLEND



DAKOTA BLEND



9½6" 61/4" 23/8"

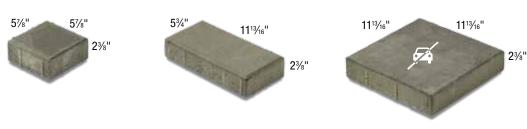
SQUARES PALLET **RECTANGLES PALLET**

- 6¼" • Circle Pallets available in Autumn Blend, Dakota Blend, Harvest Blend and Pewter Blend 2%" • 6"x9" and 6"x6" available in 31/8" thickness by special order
 - Visit ephenry.com/technical for the Old Towne Cobble Circle guide

CUBING INFORMATION 6"x 9" 6"x 9"

6"x 9"		6"x 9"	CIRCLE	
RECTANGLES PALLET		SQUARES PALLET	PALLET	
PIECES PER SF	2.4	3.7	-	
SF PER CUBE	124	113	86	
SF PER BAND	25	16	-	
LBS PER CUBE	3,479	3,198	2,388	





COLOR AVAILABILITY

- 6"x6" available in Autumn Blend, Charcoal, Dakota Blend, Harvest Blend, HB Brown, and Pewter Blend only
- 6"x12" available in Autumn Blend, Dakota Blend, Harvest Blend, and Pewter Blend only
- 12"x12" available in Autumn Blend, Dakota Blend, Harvest Blend, and Pewter Blend only

CUBING INFORMATION					
6"x6" 12"x12" 6"x12" HALF					
PIECES PER SF	4.13	1.03	2.06		
SF PER CUBE	102	116	116		
SF PER BAND	14.60	29	29		
LBS PER CUBE	2,846	3,251	3,323		

Note: 6"x6" is same as Symetry Square

VILLAGE SQUARE®





AUTUMN BLEND





HB BROWN HARVEST BLEND PEWTER BLEND

Village Square 6"x6", 6"x12", and

12"x12", Harvest Blend, Random Installation with Old Towne Cobble™ 6"x9" Soldier Course Border, Harvest Blend; Bullnose, Harvest Blend (Mortared)

53 www.ephenry.com

SYMETRY[®]



AUTUMN BLEND

HARVEST BLEND

PEWTER BLEND

2¹⁵/₁₆" 61⁄8" **2¾**" 12" SYMETRY 5%"



CUBING INFORMATION

:	SYMETRY	SYMETRY SQUARE
PIECES PER SF	3.4	4.13
SF PER CUBE	94	102
SF PER BAND	23.5	14.6
LBS PER CUBE	2,586	2,846

SYMETRY SQUARE

See page 53 for color availability of Symetry Squares



OCTA GRANDE®





PEWTER BLEND



CUBING INFORMATION

PIECES PER SF	3.7
SF PER CUBE	107
SF PER BAND	21
LBS PER CUBE	3,015

Available in 31/8" thickness by special order

Octa Grande, Harvest Blend (shown wet)		

54







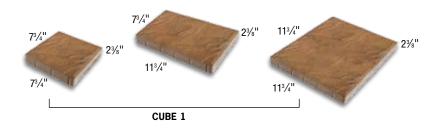
CUBING INFORMATION

SF PER CUBE	83
LBS PER SF	35
LBS PER CUBE	2,905

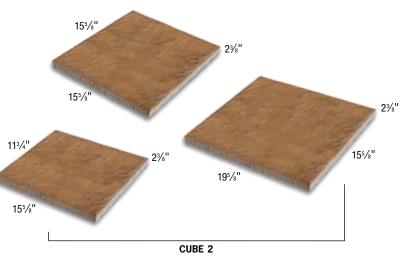
Danbury, Avalon Blend, 90° Herringbone Pattern with 6"x9" Coventry® Stone I, Soldier Course Border, Pewter Blend

Danbury, Avalon Blenc 0° Herringbone Patter

BRISTOL STONE



See opposite page for cubing information.









FOREST GREEN

GOLDEN DAKOTA



HARVEST BLEND





CUBING INFORMATION

CUBE 1	7"x7"	7"x11"	11"x11"	CUBE 2	11"x15"	15"x15"	15"x19"
PIECES PER SF	-	-	-		-	-	-
SF PER CUBE	107	107	107		122	122	122
SF PER BAND	_	_	-		_	_	-
LBS PER CUBE	3,150	3,150	3,150		3,150	3,150	3,150
PCS PER CUBE	40	80	40		20	20	20

BRISTOL STONE" SMOOTH \mathbf{A}

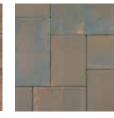
See opposite page for paver dimensions.















ASH GREY

AVALON BLEND

GOLDEN DAKOTA

GOLDEN MAPLE

HARVEST BLEND



IMPERIAL HOLLAND STONE 🎍





E CHESTNUT



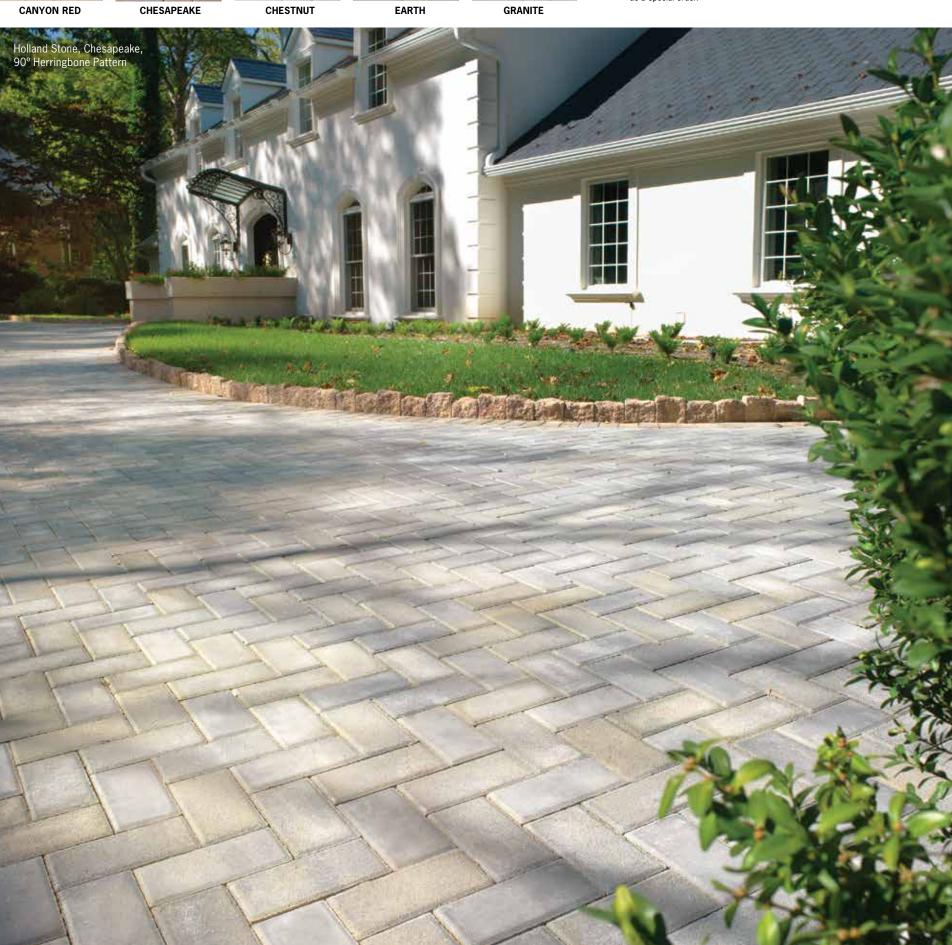




 Available in 3¹/₈" thickness as a special order.

CUBING	INFORMATION

PIECES PER SF	4.5
SF PER CUBE	120
SF PER BAND	20
LBS PER CUBE	3,360



IMPERIAL COBBLE STONE



IMPERIAL RUSTIC HOLLAND STONE 🛛 📥





• Available in 3¹/₈" thickness as a special order.

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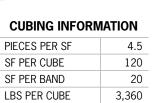




CHESTNUT



GRANITE

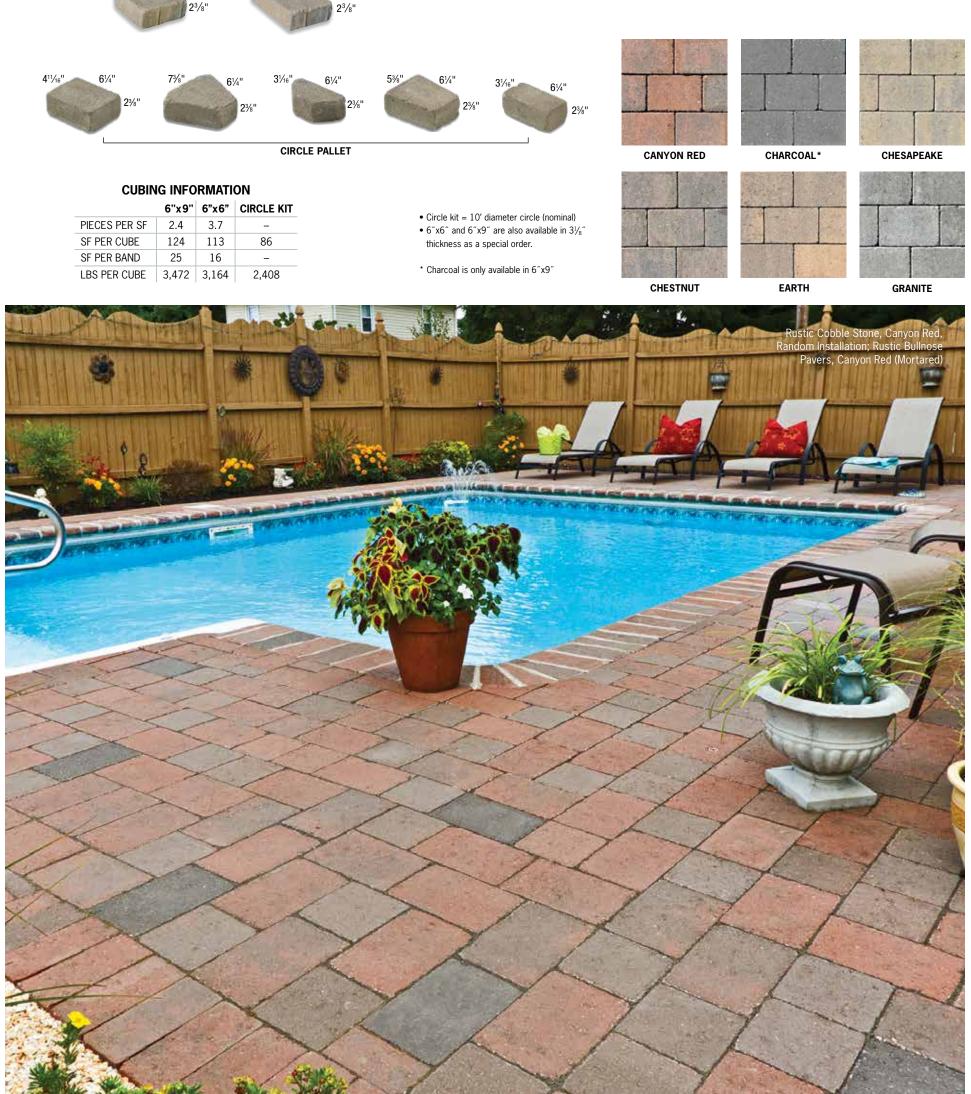


CANYON RED

CHARCOAL



IMPERIAL RUSTIC COBBLE STONE



6¹⁄4"

9⁷/₁₆"

6¹/4"

6¹/4"

IMPERIAL 3 PIECE MODULAR

STANDARD FINISH



CHESAPEAKE

RUSTIC FINISH



CHESTNUT

EARTH

EARTH

GRANITE





RUSTIC FINISH

	CUBING INFORMATION					
	CUBE 1	3"x6"	6"x6"	6"x9"	CUBE 2	9"x9"
All sizes are nominalCube 2 sold separately	SF PER CUBE	-	113	-		122
	PCS PER CUBE	60	120	180		200
• Cube 1 = 113 sf (includes all sizes)	PCS PER CUBE	3,115	3,115	3,115		3,351

Rustic 3 Piece Modular with 9"x9", Earth, Random

Installation; Coventry® Edgestone, Harvest Blend

CHESAPEAKE

CHESTNUT

3 Piece Modular with 9"x9", Chestnut, Random Installation; 3" and 6" Combo Rustic Double Face Wall, Chesapeake

> Three distinct sizes, scaled to fit together effortlessly, offering a natural, random look with a fourth integrated size to expand design possibilities without increasing cost.



2 ³ / ₈ " 12 ¹ / ₂ "	23/6" 121/2" 6" STANDARD FINISH
RUSTIC FINISH	

CUBING INFORMATION

1.92

87

2,436

168

PIECES PER SF

SF PER CUBE

LBS PER CUBE

PCS PER CUBE

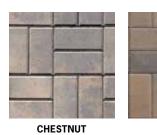
BULLNOSE | RUSTIC BULLNOSE

1.92

100

2,800

192



EARTH

GRANITE

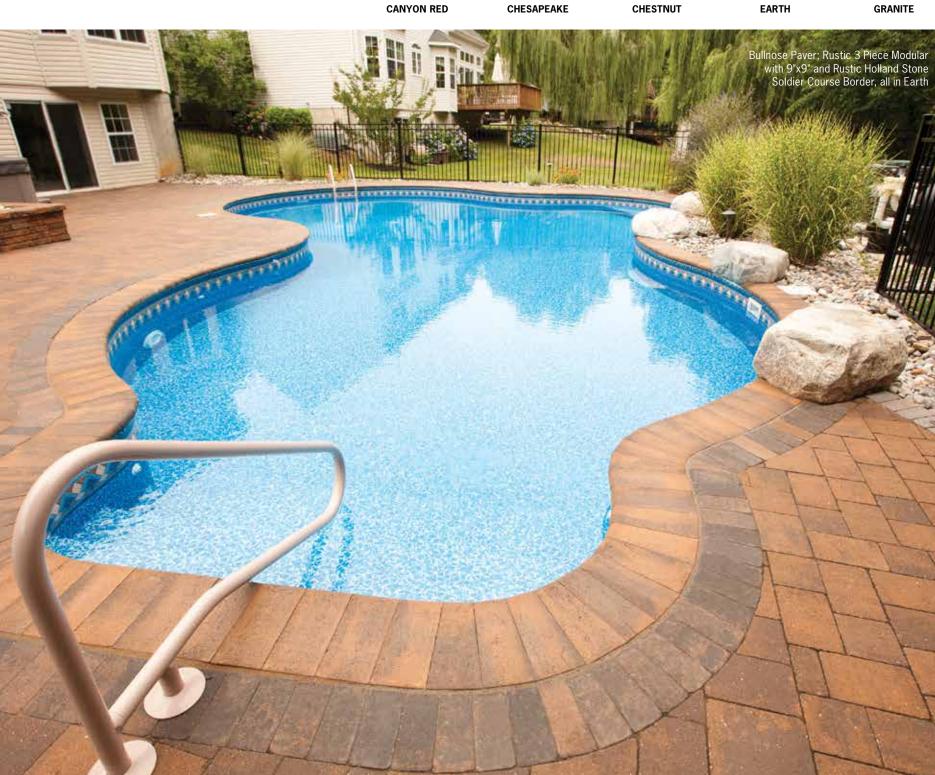
STANDARD FINISH

RUSTIC FINISH









CANYON RED

CHESAPEAKE

FREQUENTLY ASKED PAVER QUESTIONS

WHY DO EP HENRY PAVERS MAKE THE IDEAL PAVEMENT?

Our pavers are the ideal product for freeze-thaw environments. Proper installation of the product results in a pavement that is rigid, yet flexible. The joints between pavers allow the walkway, driveway, and patio to move without cracking. In addition, they can be "unzipped" to allow for repairs or access to utilities. Unlike asphalt, pavers are virtually maintenance-free. By definition, concrete pavers have a minimum compressive strength of 8,000 PSI (about three times stronger than regular poured concrete) and a maximum water absorption rate of 5 percent.

WHY ARE THEY CALLED INTERLOCKING CONCRETE PAVERS?

It is the system that makes them interlocking concrete pavers, not necessarily the shape. When installed properly, the combination of the pavers, bedding sand, edge restraint, and joint sand causes them to interlock, allowing them to work as a unified, flexible pavement.

TELL ME MORE ABOUT THE DURAFACING™ PROCESS.

Durafacing is the trade name EP Henry uses for our process of creating what is known in the industry as a "face mix" paver. Durafacing is a sophisticated process, requiring a higher level of manufacturing equipment and skill, which produces an enhanced surface texture with exceptional strength. This technique came from Europe which is where most paver technology originated. Non "face mix" manufacturers, who classify their products as "mono" or "one piece" pavers, counter with claims that "two piece" or "face mix" pavers will delaminate. This is simply not true and EP Henry supports this with our Lifetime Warranty. For more information on EP Henry's Durafacing process, visit ephenry.com.

HOW DO I DETERMINE HOW MUCH MODIFIED STONE BASE MATERIAL AND SAND I'LL NEED?

64

As a rule of thumb, use a minimum of 6" of base material for walkways, 6"-8" for patios, and 10"-12" for driveways. The sand setting bed should be 1" thick. One ton of modified stone or sand will cover 100 sf at 2" thick. Using a 10'x10' (100 sf) patio as an example, you would need 1/2 ton of sand for the setting bed (1" thick) and three tons of modified stone for the base (6" thick). You'll need some additional sand (about 5 percent) or about two bags of Polymeric Sand for the ioints between the payers.

SOMEONE RECOMMENDED THAT I USE A FABRIC UNDER MY INSTALLATION. WHEN AND WHERE IS IT USED?

EP Henry recommends a geotextile separation fabric (e.g., Mirafi[®] 500x) under all paver installations. The fabric is laid on top of the compacted soil in the excavated area and keeps the aggregate base material from working its way into the soil subgrade. This is especially important where the soil contains a lot of clay. At a cost of pennies per square foot, the separation fabric provides an insurance policy against base failure.

CAN EP HENRY PAVERS BE USED FOR MY DRIVEWAY?

Absolutely! For residential driveways, 10"-12" of compacted dense graded aggregated base material is recommended. A standard $2\frac{3}{6}"$ thick paver can be used for light vehicular (cars and pickup trucks) applications. A Herringbone pattern is most suitable in these situations. Contact your local EP Henry Authorized Distributor® or EP Henry's Technical Manager for questions on choosing the appropriate paver.

TELL ME ABOUT THE SAND SETTING BED.

The material for the bedding layer should be coarse concrete sand. Do not use stone dust or screenings; they do not allow the pavers to "seat" properly and do not allow for drainage. The sand should be an even 1" thick layer. Do not compact the sand setting bed. Do not mix portland cement into the sand used for the setting bed or the joints between pavers. It defeats the flexibility of the system, and it cannot be cleaned off the surface of the pavers.

HOW DO PAVERS COMPARE WITH PATTERNED OR STAMPED CONCRETE?

Patterned concrete pavements are merely slabs of concrete that are embossed with a pattern. Therefore, they are prone to the same problems with freeze-thaw cycles, namely cracking. We guarantee that EP Henry Pavers won't crack; you cannot obtain a similar guarantee for stamped concrete. Stamped concrete requires expansion joints every 10 feet or so, which are very distracting in some patterns. Also, unlike EP Henry Pavers, patterned concrete pavements don't allow access to underground utilities or the ability to make repairs. At virtually the same price per square foot installed, EP Henry Pavers are clearly a superior choice.

WHAT ARE THE ADVANTAGES OF SEALING MY PAVERS?

Depending upon the sealers, they can offer three advantages: they help resist stains, enhance the color, and bind the sand in the joints to make it difficult for weeds to germinate. Sealers, however, are topical products and must be reapplied regularly (generally every 3-5 years). Sealers maybe water-based or solvent-based as long as they are low VOC and compliant with government regulations.

WILL WEEDS GROW BETWEEN MY PAVERS?

Weeds and grass result from seeds or spores blowing into, and lodging in, the joint sand. This can be minimized by using a Techni-Seal polymeric sand or by sealing the pavers with a joint stabilizing sealer or mixing a pre emergent granular weedkiller in the joint sand. If weeds do appear, a spot vegetation killer (such as Round-UpTM) can be used and will not damage the pavers.

WHAT CAN I DO IF MY PAVERS ARE STAINED OR DAMAGED?

One of the advantages of pavers is that individual units can be removed and replaced in these situations. Remove the sand around the paver and then use two flat head screwdrivers to lift the paver out. Rocking the paver gently in a back-and-forth motion will facilitate removal.

HOW ABOUT USING EP HENRY PAVERS ON MY POOL DECK?

Not only do EP Henry Pavers make an attractive pool deck, but they also provide a slip-resistant walking surface. Pavers actually are better than poured concrete around pools from the standpoint that the joints will take on moisture and leave the pavement cooler under foot. Like all products that are used outdoors, lighter colors will tend to stay cooler as they reflect the sunlight. Furthermore, our Bullnose Pavers make a nice pool coping. Make sure the base material around the pool is well compacted before installing pavers. Safety covers can also be installed over pavers with the use of special anchors.

CAN I USE DE-ICING SALTS ON MY PAVERS?

While no concrete product is truly de-icing salt proof, EP Henry Pavers — due to their high strength and low absorption rates — are more resistant to de-icing salts than concrete, asphalt and pavers that utilize inferior materials. However, misuse of de-icing products can, over time, lead to damage. EP Henry recommends The Interlocking Concrete Pavement Institute's guidelines to limit exposure to de-icing materials:

- Mix the salt with sand, which is visible and the traction can be felt underfoot
- Follow the recommended application and don't over-apply the salt
- Use deicing salt for melting ice, not for snow removal
- Remove the ice once it's loose to avoid salt buildup
- Wash off the pavers in the spring, since the salt can continue to cause degradation even after the ice or snow has melted

For additional information, visit icpi.org.

I HAVE AN EXISTING CONCRETE WALKWAY THAT'S IN PRETTY GOOD SHAPE. CAN I LAY PAVERS OVER IT?

While not the preferred method, pavers can be laid on top of existing concrete walkways. Two issues must be addressed. First, the grade will be raised by about 3" (the thickness of the pavers plus the bedding sand). This is particularly critical if any doorways are involved. Second, if the existing concrete slab should raise or drop with freeze/thaw conditions, then the pavers will do the same.

HOW CAN I REMOVE MOSS OR MOLD FROM MY PAVERS?

Try Clorox® diluted in water (10 parts water to one part Clorox). Be careful not to get it on other plant material. Keep in mind that there is nothing that will keep it from growing back if it's in a shady, damp area. For a more permanent solution, you will need to correct the moisture and shade problems that are encouraging the moss or mold.

WHAT IS THE WHITISH DEPOSIT I SEE ON SOME PAVER INSTALLATIONS?

You are probably referring to efflorescence, a natural and common occurrence in concrete and brick products. Efflorescence is the result of natural salts in the materials used in production migrating to the surface of the pavers. This is not a defect nor harmful to the pavers, and will usually weather away with time. Although it is best to allow a year or more for efflorescence to weather away, if you don't want to wait for it to weather away, Techni-Seal® offers an excellent cleaning product to remove it. Do not use efflorescence cleaners repeatedly. Once the pavers are cleaned, it is recommended that they be sealed.

CLEANED PAVERS

PAVERS WITH

EFFLORESCENCE

LEADER FOR OVER 110 YEARS, WE HAVE FIELDED MANY **QUESTIONS REGARDING** PAVER PRODUCTS AND INSTALLATIONS. HERE ARE SOME OF OUR MOST COMMONLY ASKED QUESTIONS. IF YOU FIND THAT THIS SECTION DOESN'T COVER YOUR CONCERN, PLEASE DO NOT HESITATE TO CONTACT **OUR PROJECT** CONCIERGES. THEY **ARE AVAILABLE VIA** PHONE, EMAIL, AND LIVE CHAT.

AS AN INDUSTRY

EP HENRY IS HERE FOR YOU.

PAVER ACCESSORIES

Cleaning Products

EP Henry offers a complete line of cleaners from Techni-Seal to maintain the beauty of your pavers.

PROFESSIONAL GRADE OIL & GREASE REMOVER

- Removes motor oil and other greasy stains
- Dissolves, dislodges, and encapsulates grease

PAVER PRIMER

- Dislodges efflorescence and ground-in dirt
- Ensures even cleaning and brightens the color
- Concentrated one gallon cleans up to 200 sf
- Automatic dilution with adaptable sprayer*
- Recommended PRIOR TO PROTECTOR application
- *Sprayer available through EP Henry Authorized Hardscaping Distributor®

HC HARDSCAPE CLEANER

- Multi-surface cleaner
- Dislodges ground-in dirt
- Ensures even cleaning and brightens color
- Concentrated one gallon cleans up to 800 sf
- Recommended PRIOR TO PROTECTOR application

PTR PAINT, TAR, AND RUBBER REMOVER

- Effectively dissolves paint, tar or bitumen, rubber, and chewing gum
- Also available in five gallon containers to remove sealers

RR RUST REMOVER

- Effectively removes stains caused by steel, rusted metal objects, fertilizer, etc.
- Won't discolor pavers

Dual Performance Sealers

Seal 'n Lock offers the following products which both seal pavers and bond joints in one application. Benefits include improved structural integrity, decreased weed and insect infestation in sand joints, added protection against stains, and a beautiful finish to pavers.

SUPER WET

Super Wet is a high solids, two-part water based pure urethane sealer that penetrates the pavers to provide a longer lasting protective barrier with superior joint stabilization (no need for polymeric sand) resulting in a wet look. Super Wet is user friendly and environmentally safe. The high solids content pure urethane wears evenly and lasts longer than solvent based sealers.

NATURAL LUSTER

Natural Luster is a high solids, urethane modified acrylic sealer (with an algae and mold inhibitor) that penetrates the pavers to provide a protective barrier with superior joint stabilization (no need for polymeric sand) resulting in a natural luster. Natural Luster is user friendly and environmentally safe.

SEALERS

Sealing is recommended to preserve the original beauty of EP Henry Pavers and to resist stains. EP Henry is pleased to carry the Techni-Seal[®] line of high performance sealers, offering several options for protecting and maintaining the beauty of your EP Henry Pavers. Dirt, stains, and efflorescence must be treated with the appropriate Techni-Seal cleaning product prior to sealing.

Polymeric Sand for Pavement Joints

- For pavers made of concrete, natural stone, etc.
- Applied dry hardens after being sprayed
- Inhibits weed growth
- Resists ants and other insects
- Resists erosion water, frost, wind, street sweepers, etc.
- Stabilizes pavers

Adhesives

PAVER BOND POWERSEAL® ADHESIVE

An easy to apply, quick curing, and flexible high strength adhesive for paving stones, retaining walls, and other hard surface applications.

TECHNI-SEAL® CONCRETE ADHESIVE

Perfectly resist the elements including frost and rain: "RG" — Super-adherent on dry, wet, or frozen surfaces; ideal for retaining walls.

Paver Edge Restraint

The purpose of Edge Restraint products is to restrain paver's lateral motion. Without a proper Edge Restraint System, pavers are prone to shifting. EP Henry offers the Snap Edge Paver Restraint System.

ADVANTAGES OF THE SNAP EDGE RESTRAINT SYSTEM:

- One piece system does it all; straight, curves, or even a complete radius, without waste
- An 8' piece transports easily and requires no extra connectors
- Open base design allows for grass growth along paver edge creating a strong yet invisible edge
- Patented snap and spike together ends for a secure connection and extra support
- Rugged injection molded plastic ensures the strongest edge designed for vehicular and patio/walkway applications
- Can be installed before or after the pavers have been laid
- Easy to install with common 8"-12" landscape spike
- Convenient and efficient packaging, easy to handle

Sand Stabilizers

TECHNI-SEAL POLYMERIC SANDS

Techni-Seal offers two high quality Polymeric Sand products for pavement joints. Both resist erosion of joints, inhibit weed growth, and resist insect penetration. They are available in two colors: Tan and Granite Gray.

"RG Plus" —Ideal for normal traffic areas including driveways, patios, and walkways.

"HP" — Specially formulated for wider joints and heavier traffic areas, such as sloped driveways, pool decks, and public areas. Also performs better in colder weather.

Additional features:

- Premixed with sand so it's ready for immediate use
- · Bonding commences upon spraying with fine mist of water
- "RG Plus" can be installed at 55°F or above
- "HP" can be installed at 40°F or above
- Will not stain pavers
- Complete installation instructions are on the back of the bag
- **Note:** Please see Polymeric Sand disclaimer on page 8.

Separation Fabric

Mirafi® 500x geotextile fabric is recommended for use with all paver installations. Its primary purpose is to keep the base material from working its way into the soil underneath, thus reducing the possibility of settling. The material should be flat over the excavated area, with as few wrinkles as possible, and turned up on the sides to cover the sides of the stone base material. It will also prevent migration of the bedding sand into cracks, joints, and weep holes in or next to the pavement.

This product, which costs only pennies per square foot, is an inexpensive insurance policy for your pavement.

A Note about Paver Accessories

EP Henry has researched many lines of accessory products for use with our pavers and wall systems. While there may be other similar products on the market, please note that EP Henry approves and recommends using only those accessory products shown in our catalog.

Polymeric Haze

Polymeric Haze from the use of polymeric joint sand may appear on your concrete products if the sand was not removed from the surface of the paver properly. This does not, in any way, affect the integrity of the product or your installation. The hazing will weather away naturally with time and rain. It can be removed with a specialized cleaner; it is advised that you contact your contractor or the polymeric sand company used for advice on recommendations. EP Henry accepts NO responsibility or liability for this occurrence.

65

PAVER BASIC INSTALLATION

Interlocking concrete pavers are installed successfully by professionals and do-it-yourselfers alike. These instructions are designed to be a basic guide. Detailed instructions can be obtained from EP Henry or your EP Henry Authorized Hardscaping Distributor.

MATERIALS NEEDED

Stone Base: Should be 3/4" modified stone, also known as 2A, or 3/4" guarry blend. A 1" depth of compacted base weighs approximately 1,000 lbs. per 100 sf. Always add 5 to 10 percent for edges and miscellaneous areas.

Bedding Sand: Coarse concrete sand is recommended. At a depth of 1", this weighs approximately 1000 lbs. per 100 sq. ft. Figure an extra 5 percent for iointing sand.

Pavers: Are typically sold by the square foot. Calculate the square footage needed for your project and add 5 to 10 percent for overage, cuts, waste, etc.

Edge Restraint: All exposed edges must be restrained.

Separation Fabric/Geotextiles: Recommended for all installations and critical where clay type soils are present. This will help maintain the integrity of the base.

• Flat shovel

• Chalkline

· Wheelbarrow

on pavers)

• Diamond blade wet saw

3-5 HP vibrating plate compactor

· Wire cutters (for cutting bands

• 1" diameter sand screed guides

(galvanized steel or PVC)

TOOLS:

66

- Wooden stakes
- Wide blade mason's chisel
- 6'-8' 2"x4" or 2"x6"
- Mason's string (twine)
- Stiff bristle street broom
- Small pry bar
- 3-5 pound hammer
- Hard tooth garden rake
- 4' level
- 25' tape measure

LAYOUT & PREPARATION

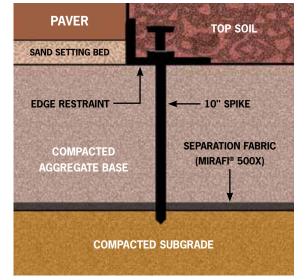
Measure the area you intend to pave. Determine square footage (length x width = square feet) adding 5 to 10 percent for cuts and extra pavers that might be needed later. Measure the linear feet of all edges not up against a permanent structure, such as a house, etc., to determine the amount of edge restraint needed. Draw a plan on a piece of paper showing all important dimensions. Mark the outline of your project with stakes every 4'-6' and at each corner. These stakes should be 8" outside of the planned edge of the finished pavement.

EXCAVATION

Note: Before digging, always call your local utility companies to locate any underground lines.

In general terms, a minimum of 6" of compacted aggregate base is recommended for patios and walkways, and 10" for residential driveways where freeze-thaw conditions exist. Add 3" for the depth of the bedding sand and the thickness of a standard 23/8" paver to determine the total depth to excavate. Excavation should be 6" wider than the finished pavement's dimensions on sides where edge restraint is to be used.

Slope and grade are important to ensure proper runoff. It is best to plan at least a ¹/4" per foot drop, but try not to exceed 3/8" per foot.



NOTE TO HOMEOWNERS:

Prior to undertaking an installation yourself, it is recommended that you read these guidelines thoroughly and attend a DIY seminar at your local EP Henry Authorized Hardscaping Distributor®. A schedule of seminars and more detailed installation information can be found at ephenry.com.

BASE PREPARATION

As with any building project, the finished pavement will only be as good as the construction of the base. For this reason, this is the most important part of the installation process.

First, run your plate compactor over the excavated area, making sure that soil does not get stuck to the bottom of the plate tamper. Each pass should overlap the previous one by about 4". Compaction should be performed in one direction (North-South), then a second time at a right angle (East-West) to the first compaction. It is recommended that a separation fabric, such as Mirafi[®] 500x, be laid down over the compacted subgrade and returned up the sides of the excavation.

Now spread your stone base material out evenly in a 2" layer. If the material is dry and dusty, use a garden hose to evenly moisten it down. This helps make the gravel easier to rake and faster to compact. Starting around the outer perimeter, use the plate compactor to pack together the base, again overlapping each pass about 4", and working towards the center. You should make at least two complete passes for each layer. Repeat this process for each subsequent layer of base material until the final thickness is achieved.

When finished with the base, it should be very smooth and flat, and reflect the final grade of your pavers. If the surface deviation is greater than 3/8", then it should be filled in with base material. A deviation that is less than that should be filled in with the screed material, which is always coarse washed concrete sand for paver installations.

SAND SETTING BED

Note: It is important to keep your sand dry. Always keep your sand covered in case of rain. It is suggested that you only screed sand for areas where you will be laying pavers that same day.

Do not attempt to level any area or surface irregularities with the sand. This will result in an uneven surface and unwanted settling. Lay the screed guides (1" outside diameter electrical conduit, strips of wood or other suitable rigid material) on top of the compacted base material 4'-6' apart and parallel.

Evenly distribute a quantity of bedding sand between the guides and drag the 6'-8', 2"x4" or 2"x6" over the guides to create a smooth, even layer of sand, striking off any excess. When the pavers are set on the sand and compacted, the 1" of sand will compress to 3/8" to 1/2' thickness. Do not walk on or work from your sand. Fill voids left by the screed guides with sand and trowel them smooth as you are laying the pavers.

Note: All projects must start at a perfect 90° angle. Use the 3-4-5 triangle method to establish this. For an even mix of pavers, draw from several cubes at a time when installing them.

LAYING THE PAVERS

Starting from a permanent edge such as a house, driveway, or even a piece of rigid PVC edge restraint, lay your first paver starting from either side. As you start laying pavers, work from right to left, then left to right, and so on, one row of pavers at a time. Set the pavers lightly onto the sand; never press or hammer them in. Every 4' or so, run a string across the front of the laying edge to maintain straight lines. If you are doing the project over a couple of days, cover the entire area with plastic overnight if rain is expected.

WHITISH, POWDER-LIKE DEPOSIT THAT SOMETIMES APPEARS ON CONCRETE PRODUCTS, IN NO WAY AFFECTS THE STRUCTURAL **INTEGRITY OF THE** PAVING STONES AND WILL WASH AND WEAR OFF OVER TIME. THE **USE OF CONCRETE** SETTING BEDS MAY **ALSO INCREASE** THE POSSIBLE OCCURRENCE OF EFFLORESCENCE. **BECAUSE THIS** IS A NATURAL OCCURRENCE, **EP HENRY ACCEPTS** NO RESPONSIBILITY **OR LIABILITY FOR** THIS CONDITION.

EFFLORESCENCE, A

PAVER BASIC INSTALLATION

CUTTING THE PAVERS

Mark any stones to be cut with a wax crayon and use either a diamond blade wet saw (recommended) or a dry saw, a paver splitter, or a hammer and chisel may be used, but the edge they produce will be rough and uneven. Try to keep cut pieces along the edges to a size at least that of one half paver. Always wear safety glasses.

INSTALLATION OF EDGE RESTRAINT

Restrain all edges that are not up against a permanent structure with an appropriate product. Any restraint material should rest entirely on the compacted aggregate base.

SEAT THE INSTALLED PAVERS IN THE BEDDING SAND

Sweep the pavers clean prior to compacting. Cut a length of Mirafi[®] 500x or similar fabric to be used as a medium between the tamper and the pavers. Start tamping around the perimeter and, working inward, keep the fabric between the tamper and pavers. Make at least two passes over the pavers, overlapping each pass 2"–4". Make the second pass at a 90° angle to the first. This step will level the pavers and compact them into the bedding sand, filling the joints with sand from below.

FINISH FILLING JOINTS WITH SAND

Spread joint sand over pavers. Use a stiff bristle street broom and sweep back and forth over the entire paver surface until all joints are filled to the top with sand. Sweep off all excess sand. Again, use Mirafi 500x or a similar medium between the tamper and the pavers. Start tamping around the perimeter and, working inward, keep the fabric between the tamper and the pavers. Make at least two passes over the pavers, overlapping each pass 2"-4". Make the second pass at a 90° angle to the first. This final step will force the sand into the joints of the pavers creating an interlocking pavement. After compacting the pavers, sweep with sand again if needed.

BULLNOSE PAVERS INSTALLATION

Bullnose Pavers are typically used as stair treads, wall capping, and pool coping. The two recommended options for installation are: mortared-in-place using standard masonry procedures or glued down with a high strength flexible concrete adhesive.

MORTARED-IN-PLACE INSTALLATION

Lay out the Bullnose Pavers in the area where they are to be installed, leaving a 38" gap for the mortar between the pavers. Bullnose Pavers are traditionally installed with a 1/2"–1" overhang. Remove the pavers and place an appropriate thickness of mortar on the material to which they are being affixed. Carefully return the pavers to their appropriate places and press into the mortar. Fill joints between the Bullnose Pavers with mortar.

Note: Be careful not to get any mortar on the paver surface, as it is very difficult to remove. If you do get mortar on the pavers, allow it to dry, then carefully remove using a stiff bristle brush or, for chunks, a putty knife.

INSTALLATION USING HIGH STRENGTH FLEXIBLE CONCRETE ADHESIVE

Lay out the Bullnose Pavers in the area where they are to be installed, abutting one to another. Bullnose Pavers are traditionally installed with a 1/2-1" overhang. Following the directions of the adhesive manufacturer, remove the pavers and run a continuous bead of adhesive on the material to which they are being affixed, from the front of the Bullnose Paver towards the rear. Carefully return the pavers to their appropriate place and press into the adhesive, being careful not to get any on the paver surface.

 $\ensuremath{\textbf{Note:}}$ See adhesive manufacturer's instructions for handling, clean-up, and cure time.

Note about DevonStone® Installation: Our DevonStone line of cast stone slabs is created using a different manufacturing process than our non-wet cast pavers. for more information and the technical installation details please visit ephenry.com/technical

WE HAVE A LIST OF AUTHORIZED CONTRACTORS THAT WE CAN CONNECT YOU WITH. COMPLETE A PROJECT REQUEST FORM ONLINE AT EPHENRY.COM



Manufacturers of plate compactors recommend the use of mats or membranes between the compactor and pavers to protect the pavers from surface damage. Most sell accessories for this purpose.

Pavers with profiled tops — Old Towne Cobble[™], Coventry[®] Stone II, Coventry Stone II, Coventry Stone IV, Coventry Cobble, Coventry Estate Cobble, and Bristol Stone[™] are most susceptible to damage from plate compactors. These pavers have high and low points molded into the surface, preventing the equipment from riding flat and subjecting the high points to potential scuffs. However, even smooth, flat surfaces can be damaged with improper usage or the existence of debris on the plate.

EP Henry recommends that you ALWAYS protect profiled top pavers prior to tamping by placing a medium between the plate compactor and the pavers. Recommended products include:

- Mirafi 500x (BEST) Luan plywood
- Rubber Mat
 Thin carpeting
- Cardboard

Caution: Dry sawing or grinding of concrete products may result in the release of respirable crystalline quartz. Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis). The use of a NIOSH-Approved respirator and tight-fitting goggles are recommended when sawing or grinding operations are in progress.

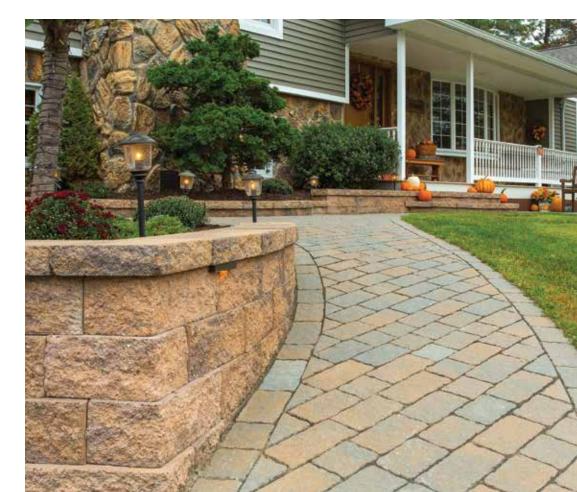


Call 811 before you dig!

Whether it's a paver job or a retaining wall, contractors are legally required to provide utility notification before ANY excavation. You'll need to give at least two to three business days notice, but typically not more than 10 days. Be prepared to describe your work and then plan on staying 2' away from any markings near your project.

Know what's **below**. **Call** before you dig.

JUST DIAL 811 NATIONWIDE. Remember, you are liable for all damage and repair costs if you do not call!



P HENRY'S LINE OF PERMEABLE INTERLOCKING CONCRETE PAVERS

ECO

Beautiful. Sustainable. Smart.

EC()Center

Keep on top of news and regulations with EP Henry and learn how you can reduce your negative environmental impact by logging on to: **ephenryecocenter.com**

ODAY, MORE THAN EVER BEFORE, OUR

waterways — from the smallest creeks and streams to the largest bays and seas are under environmental stress. Each new roadway, residential development, office park, or shopping mall creates additional obstacles for the earth's natural water filtration process.

With a growing focus on the need for stormwater management, many communities across the nation have been prompted to start making changes to implement greener infrastructure. Some of them are even enforcing taxes upon business and home owners based on their impervious coverage on their properties.

THE EP HENRY PERMEABLE PAVER SOLUTION

As a homeowner, you can make a significant difference in restoring nature's balance by choosing products that work for your needs as well as for the environment. Make a positive impact with EP Henry's ECO line of Permeable pavers!

Our ECO permeable pavers:

- bring beauty and functionality to sustainable design, allowing rainwater to recharge the ground, reducing stormwater runoff, and helping the environment
- qualify as a Best Management Practice (BMP) for stormwater management and can help earn points towards LEED certification
- include the most stylish and versatile permeable pavement systems on the market today. No other sustainable paver products offer our range of colors, sizes, textures, and patterns
- may qualify for rebates in participating municipalities or counties

Consortium for Building Energy Innovation

Net-Zero Energy Home

EP Henry is proud to have been selected as one of the material suppliers for a model self-sufficient "green" home, part of the Consortium for Building Energy Innovation (CBEI). An initiative of Penn State University in conjunction with the Department of Energy, the center showcases multiple energy saving technologies, while functioning as a living laboratory to demonstrate how integrated design and construction methods can result in a cost-effective reduction of building energy use.

In addition to energy efficiency, the model home features stormwater management as a green building practice through the use of EP Henry's ECO[™] Permeable pavers. The pavers are used in a 1,400 square foot driveway and walkway area, as well as to support a rainwater harvesting system.

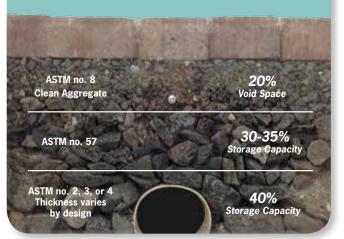
By allowing rainwater to infiltrate to the subsoil, permeable pavers reduce stormwater runoff and decrease water pollution. Whereas 40 percent of Philadelphia storm drains overflow directly into streams and rivers during large storms, at the center, water will filter through the permeable pavers to be collected by the rainwater harvesting system. The water that is captured will then be used for irrigation purposes and other household needs such as washing the electric vehicle that will be on site.

The project is now a LEED Platinum Certified Project^{*}

HOW ECO WORKS

EP Henry's ECO[™] line of permeable pavers — which allow water to infiltrate back to the subsoil — are available in multiple colors, sizes, textures, and patterns. EP Henry's ECO line brings beauty and function to sustainable design.

Visit ephenryecocenter.com for details.





The LEED rating system offers four certification levels for new construction — Certified, Silver, Gold and Platinum — that correspond to the number of credits accrued in five green design categories: sustainable sites, water efficiency, energy and atmosphere, materials and resources and indoor environmental quality. "The stone bed underneath the pavers acts a stormwater filter to slow down runoff, allowing it to soak into the ground rather than carrying pollutants into adjacent water sources. The pavers also have an overall aesthetic appeal; they look better than conventional paving solutions."

> Kevin Kelmartin Unity Landscaping (Contractor for Centreville Wharf Project, MD)

The Chesapeake Bay Watershed

Protecting a Resource so it Endures

At 64,299 square miles, the Chesapeake Bay Watershed is the largest and most diverse of the 130 estuaries in the United States, encompassing much of Virginia and Maryland, as well as parts of West Virginia, Delaware, Pennsylvania, New York, and the entire District of Columbia. It is home to over 3,600 species of plants and animals as well as more than 17 million residents. Threading through the Chesapeake Bay Watershed are more than 100,000 streams and rivers, all of which feed into the Chesapeake Bay. The U.S. Congress has deemed it "a national treasure and a resource of worldwide significance."

EP Henry not only works with clients throughout the Chesapeake Bay watershed, we call the region home, too. As a locally-based company, we're acutely aware of the need for sustainable, innovative solutions to counteract the environmental pressures that threaten our area's greatest natural resource.

With this in mind, EP Henry works closely with architects, construction professionals, and homeowners, helping them integrate our ECO^{TM} products into their project plans to ensure the most environmentally, economically, and aesthetically sound results possible.



ECO[™] PAVER -

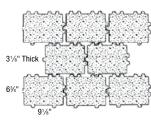




AUTUMN BLEND

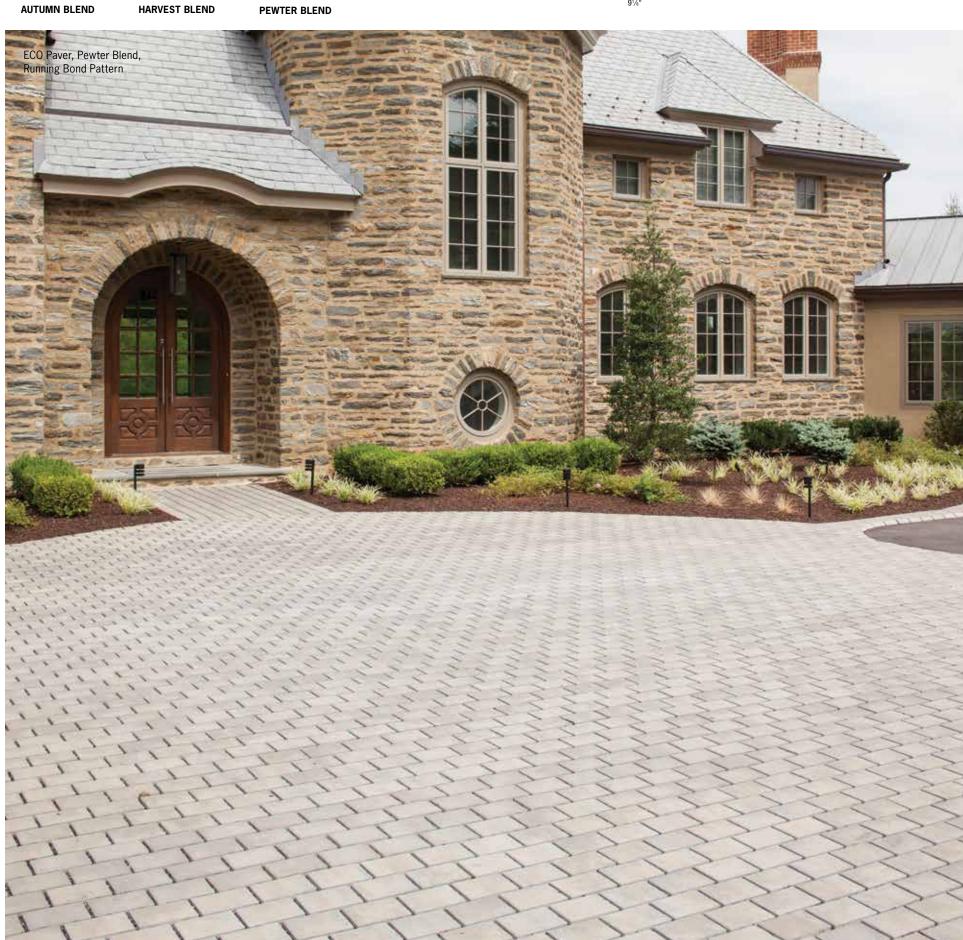
PEWTER BLEND





CUBING INFORMATION

PIECES PER SF	2.3
SF PER CUBE	86
SF PER BAND	17.2
% OPEN AREA	10
WEIGHT	2,950







COVENTRY

O COBBLE



SNIOOT

ECO COBBLE

CUBING INFORMATION								
6"x6" SQUARES 6"x9" RECTANGLES								
PIECES PER SF	3.7	PIECES PER SF	2.4					
SF PER CUBE	94.5	SF PER CUBE	102					
SF PER BAND	13.5	SF PER BAND	20.4					
LBS PER CUBE	2,646	LBS PER CUBE	2,870					



ingt in



HARVEST BLEND

PEWTER BLEND

VISIT EPHENRYECOCENTER.COM NOW

and join the growing number of Americans committed to building a "greener," more sustainable community. Take the LEED[®] and make your home a more environmentally-friendly address.

Allow rainwater to recharge to the ground. Qualify as a Best Management Practice (BMP) for stormwater management. Earn points towards LEED[®] certification.

EP Henry recommends consulting a professional engineer for permeable pavement applications.

ECO BRICK STONE -



Also available in: • 3 1/8" thickness • Machine Laid 3 1/8" thickness in 90° Herringbone Pattern (Special Order)



PIECES PER SF	4.5
SF PER CUBE	120
SF PER BAND	20
LBS PER CUBE	3,207





HARVEST BLEND

PEWTER BLEND

SRI * SPECIAL ORDER

STRASBURG RED



I - C () INSTALLATION DETAILS

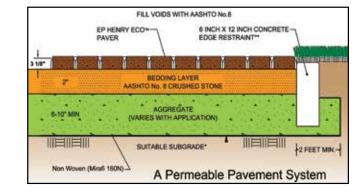
BEFORE UNDERTAKING A PERMEABLE PAVEMENT INSTALLATION,

it's important to choose the construction detail that's appropriate for your soil type and design requirements.

etermining the on-site underlying soil type (clay, silt, sand) is the first step in choosing the construction detail that's appropriate for your project. Although the surface infiltration rates of EP Henry's ECO Line of permeable pavers are extremely high, the infiltration rates of the underlying soils determine how quickly captured water will infiltrate into the ground.

Ideally, the quantity of water that enters a permeable paver system should infiltrate/exfiltrate your permeable paver system within 24-48 hours. However, it's possible that your underlying soils can not absorb water rapidly enough due to the composition of the soil. In cases where your soil cannot absorb the water received in a given precipitation event within 24-48 hours, conveyance movement via drainage pipes to additional storage or infiltration areas may be appropriate.

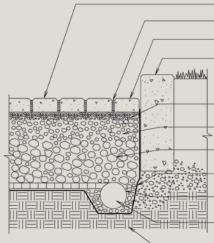
In basic terms, clay can absorb the least amount of water, and sand can absorb the most. It is important to note that when using the Partial or No Exfiltration construction details, a drainage pipe is specified which must have positive flow away from the aggregate base. This drainage pipe can be directed to auxiliary on-site infiltration trenches, rain gardens, bio-swales, detention basins, or nearby storm pipes. Municipal approval is required for any stormwater "tie-ins."



NOTE: The following represent several common details for EP Henry's line of permeable pavers.

NO EXFILTRATION

If your soils have high clay content, you are constructing over bedrock, a high water table, or environmental hot spots, the No Exfiltration option is appropriate.



EP HENRY'S ECO Cobble or Coventry ECO Cobble TYP. NO. 8 AGGREGATE IN OPENINGS CONCRETE PAVERS MIN. 3 1/8" (80 mm) THICK

CURB/EDGE RESTRAINT WITH CUT-OUTS FOR OVERFLOW DRAINAGE (CURB SHOWN)

BEDDING COURSE 1 1/2" TO 2" (40 TO 50 mm) THICK (TYP. NO. 8 AGGREGATE)

4" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE

MIN. 6" (150 MM) THICK NO. 2 STONE SUBBASE IMPERMEABLE LINER ON BOTTOM AND

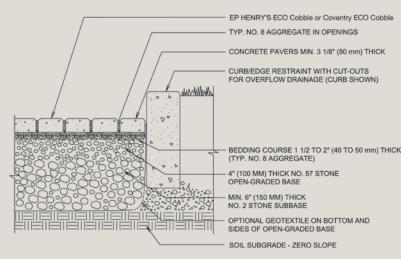
SIDES OF OPEN-GRADED BAS PERFORATED PIPES SPACED AND SLOPED

TO DRAIN ALL STORED WATER

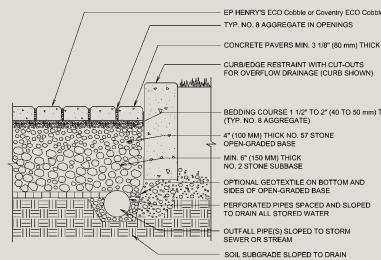
OUTFALL PIPE(S) SLOPED TO STORM SEWER OR STREAM SOIL SUBGRADE SLOPED TO DRAIN

FULL EXFILTRATION

If your soils are very sandy, with no clay and very few fine particles, the Full Exfiltration construction detail would be appropriate.



PARTIAL EXFILTRATION



If your soils are of medium texture, with roughly equal portions of sand, silt, and

a little less clay, the Partial Exfiltration construction detail would be appropriate.

EP HENRY'S ECO Cobble or Coventry ECO Cobble TYP. NO. 8 AGGREGATE IN OPENINGS

CURB/EDGE RESTRAINT WITH CUT-OUTS FOR OVERFLOW DRAINAGE (CURB SHOWN)

BEDDING COURSE 1 1/2" TO 2" (40 TO 50 mm) THICK (TYP. NO. 8 AGGREGATE)

4" (100 MM) THICK NO. 57 STONE OPEN-GRADED BASE

MIN. 6" (150 MM) THICK NO. 2 STONE SUBBASE

OPTIONAL GEOTEXTILE ON BOTTOM AND SIDES OF OPEN-GRADED BASE

PERFORATED PIPES SPACED AND SLOPED TO DRAIN ALL STORED WATER

OUTFALL PIPE(S) SLOPED TO STORM SEWER OR STREAM

SOIL SUBGRADE SLOPED TO DRAIN

DEFINITIONS

Infiltration: The penetration of water through the ground surface into the subsoil

Exfiltration: Loss of water from a drainage/permeable pavement system into the surrounding soil

Note: 2³/8" (60MM) thick pavers may be used in pedestrian applications. No. 2 stone subbase thickness varies with design. Consult ICPI's permeable interlocking concrete pavement manual for charts.

For more information, details, and LEED information, please visit ephenryecocenter.com.



& IMPROVED for 2015

DevonStone Saw Cut, Blue Pennsylvania Bluestone, Random Installation; Cast Veneer Stone, Ledgestone, Breckenridge (Dry Stack)



New for 2015

OR OVER A DECADE, EP HENRY has carefully crafted the molds used for our DevonStone line to capture the dynamic features found in natural stone. After comprehensive research, we are pleased to announce our new and improved DevonStone offerings for 2015 including 2 beautiful enhanced color selections in Blue Pennsylvania Bluestone and Green Pennsylvania Bluestone.

WITH SIZES RANGING FROM 12"X12" TO 24"x24", textures and colors that are virtually indistinguishable from natural stone, and precise measurements that allow for easier installation, DevonStone is a beautiful, cost-effective and preferred choice for homeowners with discerning tastes.



BLUE PENNSYLVANIA BLUESTONE



GREEN PENNSYLVANIA BLUESTONE

DEVONSTONE® SAW CUT 🔎



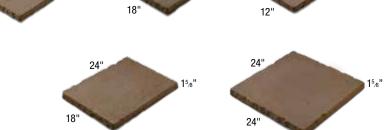




12"

15/8

18"



18'

BLUE PENNSYLVANIA BLUESTONE

DevonStone Saw Cut, Blue Pennsylvania Bluestone, Random Installation

GREEN PENNSYLVANIA BLUESTONE BLUESTONE

CUBING INFORMATION

	12'x12"	12"x18"	12"x24"	18"x18"	18"x24"	24"x24"	CIRCLE	SQUARE-OFF
PIECES PER SF	1	1.5	2	2.25	3	4	-	-
SF PER CUBE	88	132	176	99	132	176	64	72 (2 KITS)
LBS PER SF	19	19	19	19	19	19	19	19
LBS PER CUBE	1,722	2,558	3,394	1,931	2,558	3,394	1,266	1,418

* Circle & Square-Off Kits only available in Bluestone

Each Circle Pallet makes a nominal 9' diameter circle
One Square-Off Kit extends the circle to a nominal 10'x10' area

24

15_@'

Vis

• EP Henry offers "Patio on a Pallet" in Bluestone

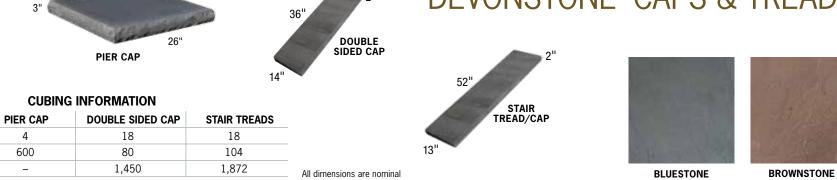
(100 sf includes all 6 sizes)

DevonStone Saw Cut, Brownstone, Random Installation with Coventry® Stone I, Soldier Course Border, Pewter Blend





DEVONSTONE® CAPS & TREADS



2"

26"

PCS PER CUBE

LBS PER CUBE

LBS PER PALLET



DevonStone Pier Caps and Double Sided Caps,

> DevonStone[®] Double Sided Caps, Bluestone with Brisa[®] Wall, Harvest Blend

FREQUENTLY ASKED DEVONSTONE® QUESTIONS

WHAT ARE THE ADVANTAGES OF DEVONSTONE OVER NATURAL STONE?

Many natural stones have inherent fractures, making them susceptible to cracking and spalling in freeze/thaw conditions.

MY DEVONSTONE SLABS HAVE A WHITE HAZE ON THEM. WHAT IS IT?

You are probably referring to efflorescence, a natural and common occurrence in concrete and brick products. Efflorescence is the result of natural salts in the materials used in product migrating to the surface of the slabs. This is not a defect nor harmful to the slabs and will usually weather away with time.

CAN I PUT DEVONSTONE ON TOP OF MY EXISTING CONCRETE PATIO OR WALKWAY?

Yes, you can, provided it's in good shape. Use a high strength, flexible concrete adhesive or a thin set bed (1/3" - 3/8") of mortar to adhere them to the concrete slab. All joints must be mortared (polymeric sand is not acceptable in these applications). Make sure you immediately clean any mortar residue off the slabs, using a damp cloth.

LEADER FOR OVER 110 YEARS, SO WE HAVE FIELDED MANY QUESTIONS REGARDING PAVER PRODUCTS AND INSTALLATIONS. HERE ARE SOME OF OUR MOST COMMONLY ASKED QUESTIONS. IF YOU FIND THAT THIS SECTION DOESN'T COVER YOUR **CONCERN, PLEASE** DO NOT HESITATE TO CONTACT OUR PROJECT CONCIERGES. THEY ARE AVAILABLE VIA PHONE, EMAIL, AND LIVE CHAT.

AS AN INDUSTRY

EP HENRY IS HERE FOR YOU.

HOW DO I CUT DEVONSTONE?

DevonStone can be easily cut with any power saw with a diamond blade. Always wear protective glasses and a mask when cutting with a power saw. If using water during the cutting process, be sure to immediately clean and residue that may be left on the stone or staining may result. Do not use a hammer or chisel to cut DevonStone

CAN I USE DEVONSTONE ON MY DRIVEWAY? No. DevonStone is not suitable for any vehicular traffic.



CAN I USE DEVONSTONE INSIDE?

Absolutely, just install it the same way you would tile, with a thinset adhesive.

CAN I USE DEVONSTONE WITH MY EP HENRY PAVERS? Yes you can, but you must account for the difference in thickness. Most pavers are 2 3/8" or 3 1/8" thick; DevonStone is 1 5/8" thick. Do not attempt to compensate for the variability in thickness with the bedding material.

IMPORTANT NOTE: Do not use a plate compactor on DevonStone and it is not recommended that you seal DevonStone.



-Wall Directory PRODUCT GUIDE & DETAILS

EP Henry Wall Products are used to build retaining or garden walls, columns, bars, kitchens and more. Browse through our impressive selection of styles, colors, and finishes for your next wall project.

CAST STONE WALL

With over 70 unique face patterns and crafted from molds utilizing natural stone, Cast Stone Wall is virtually indistinguishable from its original inspiration. Check out the FIRST AND ONLY mortarless retaining wall system on page 98.



By utilizing laser height control

technology our walls are manufactured to the strictest tolerances in the industry. Unlike other manufacturers, we produce all of our own walls and offer the largest selection of colors, textures, and price points of any manufacturer.

RIGHT HEIGHT WALLS

- 82 Coventry[®] Garden Wall & English Garden Wall™
- **83** Stacked Stone[™] Wall
- 84 Coventry® Wall
- 85 Coventry® Wall Plus
- 86 Double Sided Coventry[®] Wall
- 87 Coventry Wall III
- 88 Rustic Double Face Wall
- **89** Tudor Wall[™] & Double Sided Tudor Wall
- **90** Terrace Wall[™]
- 92 Brisa Wall®
- 93 StoneWall® SELECT®
- 94 Mesa[®] Retaining Wall
- 95 Diamond Pro[™] & Vertica[®] Wall

96 DIY Wall Installation Details

THE NEXT GENERATION IN RETAINING WALLS

98 NEW! Cast Stone Wall

COMPLETE THE LOOK

100 Cast Veneer Stone104 Fire Pits & Water Features

106 Fireplaces & Kitchens

READY TO BUY?

108 EP Henry Authorized Hardscaping Distributors[®]

GIVING BACK

110 HeroScaping®



ENGLISH GARDEN WALL



AUTUMN BLEND



HARVEST BLEND

GRAY

CUBING INFORMATION

IAPERED		RECIANGULAR	
PIECES PER SF	3	PIECES PER SF	3
SF PER CUBE	40	SF PER CUBE	40
PCS PER CUBE	120	PCS PER CUBE	120
LBS PER PIECE	26	LBS PER PIECE	29
LBS PER CUBE	3,129	LBS PER CUBE	3,518

This product is designed for planter and garden wall applications only



8" 115/8"

FORMULA/NOTES

- 3 pieces = 1 sf of wall face • Minimum inside radius = 22" (from back of block)
- Maximum wall height = 16" (4 courses) under ideal conditions



RECTANGULAR

STACKED STONE WALL[™]

CUBING INFORMATION

	STACKED STONE	CORNER	CAP
SF PER CUBE	41	41	-
PCS PER CUBE	162	162	96
LBS PER CUBE	2,997	3,190	2,940

FORMULAS/NOTES

- The maximum recommended height for system is 18" from the top of the base course block including the cap
- A high strength concrete adhesive should be placed toward the front of the flat surface of each block.
- Stacked Stone units do not have a top and bottom side, they may be placed with either flat side facing up



DEVON BLEND



COVENTRY[®] WALL



AUTUMN BLEND



FORMULA/NOTES

(linear feet of wall)

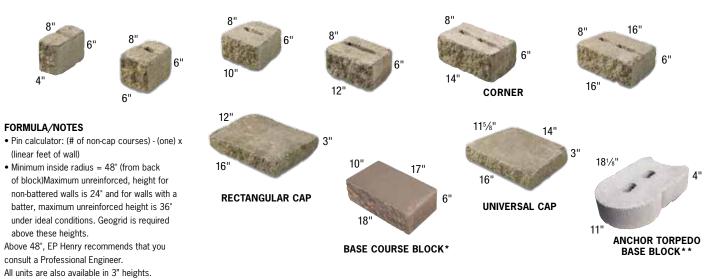
above these heights.

DAKOTA BLEND



PEWTER BLEND

- * Refer to ephenry.com/technical for Base Course Cubing Information. Base Course Block, which facilitates ease of installation and provides improved structural stability.
- ** The unique "torpedo" design makes it easy to create straight and curved walls.



CUBING INFORMATION

PALLET: 5 LENGTHS		PALLET: 16" LONG	16" LONG UNITS		IERS	RECTANGULAR	UNIVERSAL	ANCHOR TORPEDO	
	3"	6"	3"	6"	3"	6"	CAP	CAP	BASE BLOCK
PIECES PER SF	-	_	3	1.5	3.45	1.7	3	3.2	-
SF PER CUBE	50	50	50	50	44	44	32	32	_
PCS PER CUBE	-	-	150	75	150	75	96	96	48
LBS PER PIECE	-	_	30	57	26	51	47	45	49
LBS PER CUBE	4,285	4,172	4,567	4,308	3,942	3,829	4,491	4,280	2,400



COVENTRY[®] WALL PLUS CORNER **RECTANGULAR CAP*** 14'

CUBING INFORMATION

3½" PALLE 6" & 12" LEN		3½" PALLET: ALL 18" LONG UNITS	7" PALLET: 6" & 12" LENGTHS	7" PALLET: ALL 18" LONG UNITS	7" CORNERS
SF PER CUBE	35	42	35	42	35
LBS PER CUBE	4,066	5,017	3,635	4,116	2,760

NOTE: See Page 84 For Cubing Information For Caps. All sizes are also available in 3 1/2" high units, except corners and caps.

UNIVERSAL CAP

DAKOTA BLEND

HARVEST BLEND





entry Wall Plus, Har

Our patented Coventry Wall Plus system is the engineered version of Coventry Wall that allows you to construct larger and taller walls with the same beautiful random stone look of Coventry.

DOUBLE SIDED COVENTRY® WALL





AUTUMN BLEND



HARVEST BLEND

PEWTER BLEND

- Pin calculator: (# of non-cap courses) (one) x (linear feet of wall)
- Minimum inside radius = 42" (from back of block) • Maximum height for Double Sided Coventry Wall in free-standing

14'

10"

CORNER

- applications without engineering assistance is 33" including cap. Seek a Professional Engineer if a taller wall may be required. *EP Henry offers a Base Course Block, which facilitates ease of
- installation and provides improved structural stability

All units are also available in 3" height

10"

FORMULAS/NOTES

BASE COURSE BLOCK*

17"

10'

10"

18'

73/4"

6"



115/8"

5¾"

UNIVERSAL CAP

10"

113/4

14"

9¾"

CUBING INFORMATION

3" PALLET:		6" PALLET:	BASE COURSE	UNIVERSAL	CORI	NERS
5 LENGTHS		5 LENGTHS	BLOCK CUBING	CAP	3"	6"
PIECES PER SF	-	-	-	3.2	3	1.5
SF PER CUBE	40	40	64	30	40	40
PCS PER CUBE	-	-	45	96	120	60
LBS PER PIECE	-	-	86	45	38	74
LBS PER CUBE	4,457	4,228	3,870	4,280	4,516	4,426



86



18¹/₆" 11" ANCHOR TORPEDO BASE BLOCK





16







HARVEST BLEND



DAKOTA BLEND

PEWTER BLEND

CUBING INFORMATION

	3"	3"	6"	6"		ANCHOR TORPEDO
	HIGH	CORNER	HIGH	CORNER	CAPS	BASE BLOCK
PIECES PER SF	-	3	-	1.5	3.2	-
SF PER CUBE	32	40	32	40	30	-
PCS PER CUBE	-	120	-	60	96	48
LBS PER PIECE	-	38	-	74	45	49
LBS PER CUBE	3,336	4,516	3,223	4,426	4,280	2,400

 \bullet 6", 10" & 16" lengths in each cube of stretchers

• Coventry Wall III comes with the new splittable units to create corners.

Approximately 25% of the units in the cube will be splittable.

• Two clips/block needed (except under cap)



6" Coventry Wall III, Harvest Blend

IMPERIAL RUSTIC DOUBLE FACE WALL 🔺



5³/4

9³/4

10"

DOUBLE-SIDED CORNER

3³/4"

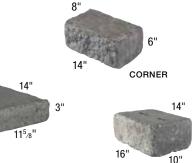
10"

7³/4"

10"

6"

6"





	COBING I	NFORMA	ATION		
3"	3"	6"	6"	6" D/S	
HIGH	CORNER	HIGH	CORNER	CORNER	CAPS
-	3.0	-	1.7	1.5	3.2
40	40	40	44	40	30
-	120	_	75	60	96
-	38	-	51	74	45
4,457	4,516	4,228	3,829	4,426	4,280
	HIGH - 40 - -	3" 3" HIGH CORNER - 3.0 40 40 - 120 - 38	3" 3" 6" HIGH CORNER HIGH - 3.0 - 40 40 40 - 120 - - 38 -	HIGH CORNER HIGH CORNER - 3.0 - 1.7 40 40 40 44 - 120 - 75 - 38 - 51	3" 3" 6" 6" 6" D/S HIGH CORNER HIGH CORNER CORNER - 3.0 - 1.7 1.5 40 40 40 44 40 - 120 - 75 60 - 38 - 51 74

CAP

CANYON RED





CHESTNUT



All units are also available in 3" height.

16

• 6", 10" & 16" lengths in each cube of stretchers





TERRACE WALL[™]





AUTUMN BLEND



HARVEST BLEND

DAKOTA BLEND

PEWTER BLEND









FORMULAS/NOTES

- 1.5 pieces = 1 sf of wall face
- Minimum inside radius = 22" (from back of block)
- Maximum unreinforced wall height = 36" under ideal conditions



TERRACE WALL

Terrace Wall, Pewter Blend

CUBING INFORMATION

	STRETCHER	CORNER	3" RECTANGULAR CAP	UNIVERSAL CAP
PIECES PER SF	1.5	1.5	3	3.2
SF PER CUBE	48	72	32	30
PCS PER CUBE	72	108	96	96
LBS PER PIECE	51	45	47	44
LBS PER CUBE	3,665	4,838	4,555	4,177

Brisa Wall, Harvest Blend; Bristo Stone™ I and II, Golden Maple, Random Installation

ASHLAND GRAY

DAKOTA BLEND

CAP END

HARVEST BLEND









BRISA CORNER

3"

_

30

-

_

2,190 2,385

6"

_

30

_

_



SINGLE SIDED

1.5

20

28

43

1,200

PIECES PER SF

SF PER CUBE

PCS PER CUBE

LBS PER PIECE

LBS PER CUBE

10'

16"

3"

_

30

_

_

2,790

CUBING INFORMATION

6" CORNER | SINGLE SIDED | DOUBLE SIDED | UNIVERSAL | ANCHOR TORPEDO | WALL

6"

_

30

-

_

2,767

CAP

3.2

6.4

126

21

2,700





ANCHOR TORPEDO

END

_

_

42

_

BASE BLOCK

CAP

END

_

_

96

72

1,656 1,612

18¹⁄8"

11"

BASE BLOCK

_

_

48

49

2,400



16"



8"

92



STRETCHER

STRETCHER | CORNER | 4" RECTANGULAR CAP | 3" UNIVERSAL CAP

2

30

60

72

4,317

FORMULAS/NOTES • 1 piece = 1 sf of wall face

PIECES PER SF

SF PER CUBE

PCS PER CUBE

LBS PER PIECE

LBS PER CUBE

• Maximum unreinforced, exposed wall height is 40" (5 courses) under ideal conditions. Geogrid must be used in walls above 40"

• Above 48", EP Henry recommends that you consult a Professional Engineer • Two clips/block needed (except under cap)

1

60

60

84

5,010

CUBING INFORMATION

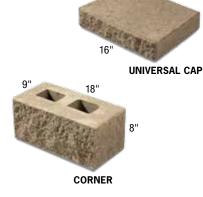
1

60

60

74

4,450



3.2

30

96

44

4,177

115/8"

14"

STONEWALL® SELECT®









DAKOTA BLEND

PEWTER BLEND

StoneWall[®] SELECT[®], Harvest Blend



15

This is what is behind the wall!

MESA[®] RETAINING WALL

HARVEST BLEND



12'

PEWTER BLEND



18"

RECTANGULAR CAP



CORNER									
CUBING INFORMATION									
	STRAIGHT SPLIT	CORNER	4" RECTANGULAR CAP						
PIECES PER SF	1	1	2						
SF PER CUBE	48	60	30						
PCS PER CUBE	48	60	60						
		1	1						

FORMULAS/NOTES • 1 piece = 1 sf of wall face

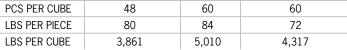
• Maximum unreinforced, exposed wall height is 48" (5 courses) under ideal conditions, Mesa Geogrid

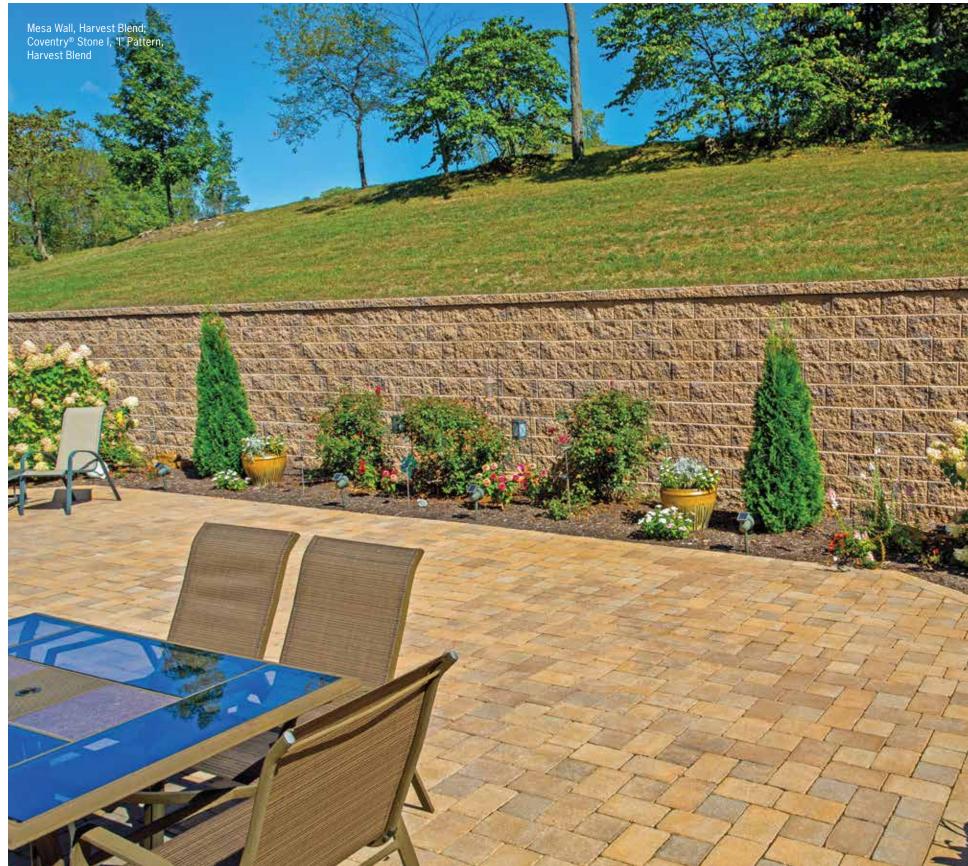
• Above 48", EP Henry recommends that you consult

• Two connectors/block needed (except under cap)

must be used in walls above 48"

a Professional Engineer





DAKOTA BLEND

FORMULAS/NOTES

- 1 piece = 1 sf of wall face • Maximum unreinforced, exposed wall height is 40" (5 courses) under ideal conditions, Geogrid must be used in walls above 40"
- Above 48", EP Henry recommends that you consult a Professional Engineer







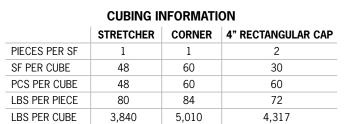




DIAMOND PRO[™]

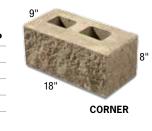
HARVEST BLEND

PEWTER BLEND



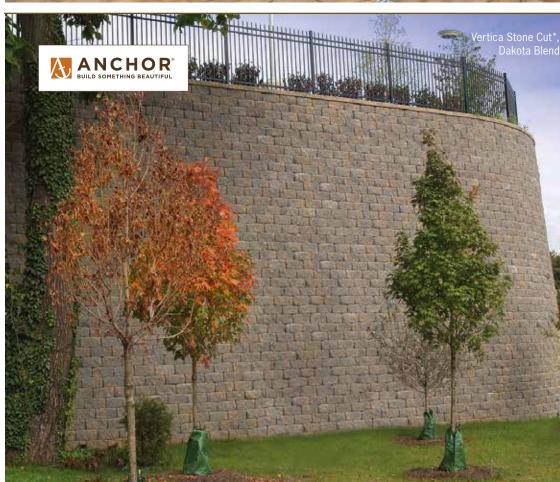
111/2

18"



AUTUMN BLEND* DAKOTA BLEND *Autumn Blend available in Diamond Pro only







CUBING INFORMATION

	STRETCHER	CORNER	4" RECTANGULAR CAP
PIECES PER SF	1	1	2
SF PER CUBE	48	60	36
PCS PER CUBE	48	60	72
LBS PER PIECE	95	84	65
LBS PER CUBE	4,563	5,010	4,678

COVENTRY GARDEN WALL & ENGLISH GARDEN WALL INSTALLATION DETAILS

Coventry® Garden Wall

TOOLS

96

Shovel, wheelbarrow, level, string line, hammer, tape measure, wooden stakes, dead blow hammer, plate compactor, and splitter for splitting block.

CALCULATE WALL MATERIALS NEEDED

Determine the square footage of wall by multiplying length x height. Multiply the result by three to determine the number of the wall units necessary to complete the project. See the wall calculator below.

NOTE: This wall system is best suited for construction of straight and curved walls.

PREPARE THE FOOTING

Dig a trench 24" wide and a minimum of 10" below grade depending on the overall height of the wall. As a rule of thumb, you will bury 10 percent of the wall height or a minimum of 4", whichever is greater. Make sure the soil at the bottom of the trench is well compacted to prevent settling. In heavy or clay soils for best results, wrap the footer trench in a "U" shape configuration with geotextile. This will preserve the stone base over time and keep it from migrating into the clay soil. Using a vibratory plate compactor install 6" of modified stone in two 3" layers making sure the surface of last layer is smooth and level.

Tip: Add a 1" layer of sand or stone screenings on top of the footing to make the base course easier to level.

INSTALL THE BASE COURSE

Use rectangular wall units for straight walls and tapered units for curved walls. For straight walls you may use tapered units underneath the top course, as the "V" gaps will not be visible. Position the walls side-by-side on the prepared base. Level the units from front to back and side-to-side with a dead blow hammer and level. Use a string line along the back of the block to verify straightness.

BACKFILL THE UNITS

Backfill 12" behind each layer of the walls with 1/2"- 3/4" clean stone.

INSTALLING ADDITIONAL COURSES

Place the next course and additional courses of Coventry Garden Wall in such a fashion that each block bridges two units below (running bond pattern). For best results, set each course back 3/4". Backfill each course as the wall is being built. Maximum wall height for Coventry Garden Wall is 16", or four courses, under ideal conditions. Surcharges, soil that does not drain well, a slope behind the wall, or a nearby structure are all conditions that might reduce the maximum wall height.

CREATING CIRCLES

The minimum radius for the top course of Coventry Garden Wall is 22" (measured from the back of the block). Add 1" per course of block below the top layer to compensate for the setback. For example, with four layers of block, the radius at the bottom would be 25".

BUILDING WALLS WITH BOTH STRAIGHT & CURVED SECTIONS

It's easy to build beautiful Coventry Garden Walls combining both curved and straight sections of wall. Since the layers below the top course won't be visible, you may use all tapered blocks.

Due to its 8" depth, Coventry Garden Wall does not accommodate creating steps as readily as some of our wall systems.

Coventry Garden Wall Calculator

WALL LENGTH

		5'	10'	15'	20'	25'	30'
Ŧ	4" (1 COURSE)	5	10	15	21	26	31
HEIGHT	8" (2 COURSES)	10	21	31	41	51	62
WALL	12" (3 COURSES)	15	31	46	62	77	92
	16" (4 COURSES)	21	41	62	82	103	123

English Garden Wall[™]

TOOLS

Shovel, wheelbarrow, level, string line, hammer, tape measure, wooden stakes, dead blow hammer, plate compactor, and splitter for splitting block.

CALCULATE WALL MATERIALS NEEDED

Determine the square footage of wall by multiplying length x height. Multiply the result by three to determine the number of English Garden Wall units necessary to complete the project.

NOTE: This wall system is best suited for construction of straight and curved walls.

PREPARE THE FOOTING

Dig a trench 24" wide and a minimum of 10" below grade depending on the overall height of the wall. As a rule of thumb, you will bury 10 percent of the wall height or a minimum of 4", whichever is greater. Make sure the soil at the bottom of the trench is well compacted to prevent settling. In heavy or clay soils for best results, wrap the footer trench in a "U" shape configuration with geotextile. This will preserve the stone base over time and keep it from migrating into the clay soil. Using a vibratory plate compactor install 6" of modified stone in two 3" layers making sure the surface of last layer is smooth and level.

TIP: Add a 1" layer of sand or stone screenings on top of the footing to make the base course easier to level.

INSTALL THE BASE COURSE

Use rectangular English Garden Wall units for straight walls and tapered units for curved walls. For straight walls you may use tapered units underneath the top course, as the "V" gaps will not be visible. Chip off the lip with a hammer to make it easier to level the first course. Set the English Garden Wall units with the lip down. Position units side-by-side on the prepared base. Level the units from front to back and side-to-side using a dead blow hammer and level. Use a string line along the back of the block to verify straightness.

BACKFILL THE UNITS

Backfill 12" behind each layer of English Garden Wall with 1/2"- 3/4" clean stone.

INSTALLING ADDITIONAL COURSES

Place the next course and additional courses in such a fashion that each block bridges two units below (running bond pattern). Pull the units forward so that the lip rests against the back edge of the course underneath (your wall will step back 3/4" for every layer) to engage the lip. Backfill each course as the wall is being built. Maximum wall height for English Garden Wall is 24", or six courses, under ideal conditions. Surcharges, soil that does not drain well, a slope behind the wall, or a nearby structure are all conditions that might reduce the maximum wall height.

CREATING CIRCLES

The minimum radius for the top course of English Garden Wall is 22" (measured from the back of the block). Add 1" per course of block below the top layer to compensate for the setback. For example, with four layers of block, the radius at the bottom would be 25".

BUILDING WALLS WITH BOTH STRAIGHT & CURVED SECTIONS

It's easy to build beautiful walls combining both curved and straight sections of wall. Since the layers below the top course won't be visible, you may use all tapered blocks*.

THESE PRODUCTS ARE DESIGNED FOR SMALL PLANTER AND GARDEN WALL APPLICATIONS ONLY.

As specifications regarding maximum wall heights and reinforcement requirements vary by wall system, we recommend contractor-only installation for larger wall systems.

Please visit contact your EP Henry Authorized Hardscaping Distributor[®], contractor or visit www.ephenry.com for more information.

AS AN INDUSTRY LEADER FOR OVER 110 YEARS, WE HAVE FIELDED MANY QUESTIONS REGARDING PAVER PRODUCTS AND INSTALLATIONS. HERE ARE SOME OF OUR MOST COMMONLY **ASKED QUESTIONS.** IF YOU FIND THAT THIS SECTION DOESN'T COVER YOUR CONCERN. PLEASE **DO NOT HESITATE** TO CONTACT OUR PROJECT CONCIERGES. THEY ARE AVAILABLE VIA PHONE, EMAIL, AND LIVE CHAT.

> EP HENRY IS HERE FOR YOU.

STACKED STONE INSTALLATION DETAILS

Stacked Stone Wall[™]

EP Henry Stacked Stone® retaining wall blocks Install the first layer of Stacked Stone Wall by BUILDING AN OUTSIDE CURVE are palletized with all of the shapes and sizes together. Stacked Stone wall is designed for low ornamental garden walls that are aesthetically pleasing but not burdened by significant soil retention pressure or surcharges resulting from loads placed on top of the retained soil behind the wall, such as tool sheds, vehicles, or above ground pools. The maximum recommended height of Stacked Stone Wall is 18"-21" from the top of the base course block including the cap.

PREPARE FOOTER AND LEVELING PAD

Excavate for the leveling pad. The trench should be a minimum of 20 inches wide and should be 12-14 inches deep depending upon the base course block used in the footing. Excavate the footer trench so the bottom is smooth and level. Use a vibratory plate compactor to make sure the soil in the bottom of the trench is well compacted prevent settling. Create a base of compacted dense graded aggregate (3/4" modified stone) that extends a minimum of 6 inches in front of and 6 inches behind the wall units.

The stone base needs to be level and an even 6" thick layer of 3/4" modified stone. Install the stone base in two 3" layers; compacting each layer with a vibratory plate compactor. Make sure the surface of the second laver is smooth and level. Use 1" diameter screed rails apply an even 1" layer of course washed concrete sand or stone screenings as a leveling pad on top of the compacted base stone.

INSTALLING BASE COURSE BLOCK

Use either the EP Henry Base Block or the Anchor Torpedo Base Block as the base course block for Stacked Stone. The footer base course of block needs to be completely buried below grade in the footer trench. Be sure account for the height difference of those base block systems when you excavate the footer trench. Level the units from side-to-side using a dead blow hammer and level. Pitch the base course back 1/16 inch for each foot of wall height to keep the wall level on top. Tap the top of the base course blocks with a rubber mallet or dead-blow hammer to ensure the units are seated in the leveling pad below.

INSTALLING THE FIRST COURSE OF STACKED STONE

Stacked Stone is a nominal 8" deep and comes in four widths of 6", 8", 10" and 16". When laying Stacked Stone use material from as many pallets as possible to blend color, profile, and texture variations across the entire wall. Make sure to mix all of the sizes in a random fashion as the wall is built. When setting the first course for a straight wall construction, align the back of the blocks to a string line or strike a chalk line on the top of the base block to assure the wall is straight. For walls with curvature measure in from the back edge of the base block at a fixed position and mark the top of the base block as the rear wall alignment point.

placing the units on top of the base course block. Make sure the units are centered on the base course block. On the flat under surface of each unit place two or more dabs of high strength concrete adhesive toward the front of the flat under surface no more than 5" apart. When pressed into place each dab of adhesive should spread out to about 1.5" in diameter or more. The adhesive will also serve to keep the wall plumb by slightly lifting the front of each block.

Stacked Stone has an uneven natural looking face profile that creates a varied and distinctive shadow effect on the face of the wall. Stacked Stone units do not have a top and bottom side. They may be placed with either flat side facing up.

INSTALLING ADDITIONAL COURSES

Set the next course and all additional courses of blocks positioning each unit so the blocks cross over the joint between blocks beneath it. This will stagger the joints of the blocks providing a stronger, more stable construction, as well as a more pleasing appearance. On the flat under surface of each unit place two or more dabs of high strength concrete adhesive toward the front of the flat under surface no more than 5" apart. When pressed into place each dab of adhesive should spread out to about 1.5" in diameter or more. Continue to lay block in this manner as the wall is built taller gluing each additional course to the one below it. Use a level to vertically align the back of Stacked Stone block to insure that the wall is vertical or set slightly back from vertical in its construction.

Stacked Stone is not designed for battered wall construction or recommended for use with geogrid. It is recommended that Stacked Stone Wall not be built more than 18" to 21" tall including the cap.

BUILDING 90° CORNERS

Stacked Stone corners are the same depth as the rest of the units and are $15\frac{1}{2}$ long. These units readily create 900 corners. To build 90° corners, begin construction at the corners of the wall and work out. To maintain a running bond pattern alternate corner units in each course with the long dimension going in the opposing direction of the one below it. Start the second course again at the corner placing the corner so it overlaps two blocks beneath it. Use high strength, flexible concrete adhesive to glue each corner to the blocks below it in the manner previously described.

SPECIAL NOTE: To minimize cutting if possible design your wall so that the space between corners works out to dimensions that allows the placement of full size Stacked Stone blocks. Stacked Stone Corners may be trimmed with a diamond blade cut off saw or diamond blade table saw to less than 14" to create more variation in the appearance and unit sizes of the corners.

Because of the shapes of the Stacked Stone blocks it is possible to build an outside radius wall without cutting individual units. Simply stack the units tightly against each other to form the tightest radius the shape of the blocks will allow. To expand that radius spread the units apart at the back end of each block while maintaining tight contact at the front of the units. As a result. the spaces between the blocks will be wedge shaped with the back of the blocks separated by open space. To construct a radius tighter that the shape of the Stacked Stone allows, a diamond blade cut off saw or a diamond blade table saw is needed to trim the block.

BUILDING A STRAIGHT WALL OR **INSIDE CURVE**

Gapping the Stacked Stone further apart as needed at the back of units will allow a straight wall or inside curved wall to be built. Odd shaped gaps in the layout of the wall will require that a longer block be cut to fit that space. For the best appearance, do not use pieces narrower than 6 inches. For example, a space that would be 7 inches in the wall would require cutting an 8-inchlong unit to 7 inches instead of using a 6-inchlong unit and a 1-inch sliver.

COLUMN CONSTRUCTION

Use the stacked Stone corner units aligning them in a perpendicular fashion with the long dimension protruding away from the back side of the adjoining unit at right angle. The outside front edge and side edge that are to be seen should face out and the smooth end should butt against the smooth back side of the adjoining corner block. Glue the corner units of the column to the base course block in a manner consistent with that previously described. Add additional courses but staggering the placement of the block so the each unit crosses over on the joint between blocks beneath it. This will stagger the joints of the blocks providing a stronger, more stable construction, as well as a more pleasing appearance. Use high strength, flexible concrete adhesive to glue each corner to the blocks below it by placing two or more dabs of high strength concrete adhesive toward the outside edge of that flat under surface no more than 5" apart. To neatly cap a Stacked Stone column use a DevonStone 24" x 24" unit to cover the top surface.

WALL ABUTTING A COLUMN

When abutting the wall in the middle of the column face, some sculpting of the blocks will give a clean, finished look to a project. To eliminate gapping between the wall block and the column construction, mark or scribe the face of the column construction to fit the ends of the retaining wall block butted against the column. This can be done with a small handheld grinder with a diamond blade.

CAPPING THE WALL

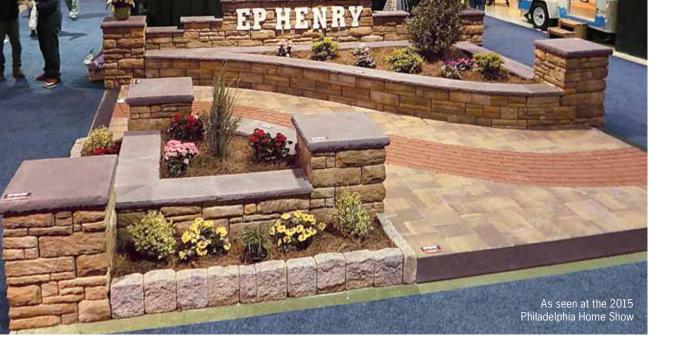
After installing your last course of Stacked Stone wall block, dry lay out the cap units across the top of the wall without using adhesive. Stacked Stone caps have a slight angle on the front and back edge of the units that taper toward the top of the cap. Place the cap units with the slightly smaller surface exposed as the top of the wall cap. Corner caps will need to be placed first and 97 the standard caps will have to be fit between them. Over hang the caps so the amount of the each cap protruding beyond the face and back of the wall is about 2". Mark any caps that need to be cut and cut those units with diamond blade cut off saw or a diamond blade table saw.

For a curved wall that exceeds maximum curvature allowed by the caps, mark the angles of the required cuts on each cap to conform to the radius of the wall. Starting at one end of the curve position the caps to accommodate the curvature of the wall. Mark cuts by overlaying a double sided straight edge over the gap between caps to mark the angle of the cuts each cap needs. Continue to align, mark, and cut caps as needed to maintain the continuity of the capping course.

NOTE: These instructions are meant as a general guideline for walls under ideal conditions, and assuming no slopes or surcharges. Site-specific conditions may warrant additional installation requirements.

CAUTION

Dry sawing or grinding of concrete products may result in the release of respirable crystalline quartz. Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis). The use of a NIOSH-Approved Respirator, tight fitting goggles and hearing protection is recommended when sawing or grinding operations are in progress.



66 EP Henry's Cast Stone Wall System is truly the next generation product for the segmental block industry and is the most innovative new hardscaping wall product I have seen in the last 20 years. It is the wall system my customers have been asking for — the look of real stone at an affordable installed cost. **99**

> Blase DeMichele, DeMichele, Inc.

Inspired by Nature, ______ ____ Handcrafted by EP Henry__

CAST STONE WALL*

Cast Stone Wall is the first and only mortarless retaining wall system to provide the beauty of natural stone at a fraction of the cost. Developed by EP Henry and utilizing technology that is a marriage of wet cast and dry cast manufacturing processes, Cast Stone Wall represents the next generation in retaining walls.

With over 70 unique face patterns and crafted from molds utilizing natural stone, Cast Stone Wall is virtually indistinguishable from its original inspiration. And, unlike conventional masonry wall systems, Cast Stone Wall can be installed in about one-third of the time and half of the cost. Cast Stone Wall by EP Henry allows you to create everything from garden to retaining walls that truly emulate natural stone so closely that only you and your builder will know the difference. **Patent Pending*

Over 70 unique profiles ensure that — like natural stone — no two Cast Stone Wall projects will be quite alike.





CAST STONE WALL

CAST STONE WALL FULL FACE



DURANGO

CAST STONE WALL RANDOM FACE



DURANGO

CUBING INFORMATION

	CAST STONE WALL FULL		CAST STONE WALL RANDOM		
	STRETCHER	CORNER	STRETCHER	CORNER	
PCS PER CUBE	60	24	60	24	
LBS PER PIECE	50	34	50	34	
LBS PER CUBE	3,000	850	3,000	850	

NOTE

99

Cast Stone Wall comes in a random mix of profiles in 2 cube offerings: Cast Stone Wall Full Face is all straight, 6x16 faces and Cast Stone Wall Random Face is random joint faces. You can mix the 2 cubes to achieve additional appearances.



Inspired by Nature. Handcrafted by EP Henry

Cast Veneer Stone

Pages 101-103 show a sampling of our Cast Veneer Stone products. For more colors and profiles, contact your EP Henry Authorized Hardscaping Distributor[®] or visit castveneerstone.com

Straight from the Quarry or...

IS IT EP HENRY? ONLY YOUR BUILDER WILL EVER KNOW.

Cast Veneer Stone by EP Henry is so close to natural stone in appearance, color, and texture, the two are virtually indistinguishable. Crafted in molds cast from a variety of natural stones, we have perfected their most popular profiles in our Pennsylvania Field Stone, Ledgestone, Cut Stone, Split Rock, and more.

RIVER ROCK

POTOMAC

SPLIT ROCK





BRECKENRIDGE

PENNSYLVANIA FIELD STONE





ADIRONDACK

BRECKENRIDGE

BIRCH





SILVERTON



Only EP Henry has a completely integrated product line with Pavers, Cast Stone Slabs, Walls, Cast Veneer Stone, and more.

Plus, with accessories like our Fire Pit Kit and Water Features that complement each other, you have unlimited options to be as creative as you want.



ADIRONDACK

CUT STONE



BRECKENRIDGE

ASPEN

ADIRONDACK

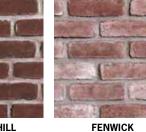
BRICK

EZ FIT





FEDERAL HILL









BRECKENRIDGE

FENWICK AND FEDERAL HILL (BLEND)





SILVERTON



SILVERTON





CHESTNUT HILL





ADIRONDACK

BUCKEYE







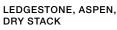
GROUT TECHNIQUES:

Different grout techniques will impact the appearance and coverage of Cast Veneer Stone. For example, Ledgestone may be mortared or for a stacked stone appearance, use the dry stack method.

For more irregularly shaped profiles, like Pennsylvania Field Stone, use a standard or overgrout joint method. Likewise, colored versus natural (gray) mortar will affect the finished look as well.

When installing Cast Veneer Stone, it is recommended that the installer have masonry experience. Working with mortar can be tricky and inexperience can lead to unsightly, as well as structurally unsound results.







LEDGESTONE, ASPEN, CUT STONE, MORTARED OVERGROUT





ith our beautiful converter for our standard Fire Pit Kit, you are able to enjoy your warm and glowing fire pit in cooler months and a cool and tranquil water feature in the summer months.

Best of Both Worlds



PONDS ARE GREAT FOR RAINWATER HARVESTING!

The collection of stormwater for uses around your home, like landscape irrigation, is a great way to "go green".

For more details on how you can utilize a system like this at your home, visit EPHenryEcoCenter.com

Think Globally. Act Locally.



DAKOTA BLEND



HARVEST BLEND



PEWTER BLEND

Yes, transforming your fire pit into a water feature (and back!) is a reality.

We have worked with our designers to create an amazing water feature using the template design of the EP Henry Fire Pit Kit. The new conversion kit transforms your cozy and warm Fire Pit into a peaceful and calming water feature with ease. By keeping the copper bowl in place you can add on a designer fountain to create the new trendy "pondless" water feature or when you remove the bowl have the option to create an aquatic plant and fish pond. Offered in our most popular colors: Dakota Blend, Harvest Blend, and Pewter Blend; EP Henry is always designing with you in mind!

Call 1-800-44-HENRY or visit ephenry.com/pondkit



Standard Fire Pit Kit

One of our top sellers, this kit features a beautiful design with endless entertainment potential. Designed for easy assembly. Your Fire Pit Kit includes:

- Copper Bowl
- 36" Diameter Grate for Wood Burning
- 24" Diameter Grate for Cooking
- Poker
- Retractable Metal Mesh Dome

Solitaire Pond Kit

Take your Fire Pit Kit to instant water feature with our fully assembled conversion unit for the Solitaire Pond Kit. This kit features a unique design with endless possibilities. Use your new water feature as:

- Hardy or Tropical Water Lily Container
- Decorative Fountain or Lighting Feature
- Goldfish Mini-Pond
- Rain Water Harvesting System



Prefer a Permanent Water Feature?

The Trinity Water Garden Kit

Add a decorative pond to your outdoor project with the Trinity Water Garden Kit. This kit features a unique design with endless possibilities. Use your new water feature as:

- Hardy or Tropical Water Lily Container
- Decorative Fountain or Lighting Feature
- Goldfish Mini-Pond
- Rain Water Harvesting System

Isokern Fireplaces + EP Henry Cast Veneer Stone

Two industry leaders have joined together to create quality, durable, beautiful systems for your living spaces. Both indoors and out, this winning combination of fireplaces, pizza ovens, and modular kitchens will enhance your world.





Create that magical fireplace or outdoor kitchen setting that will last for years and memories — to come.

Isokern Modular Fireplaces are available in several sizes, configurations and are fully customizable with dozens of veneer options. Our impressive Cast Veneer Stone and Brick line offers products which will beautifully match our popular Coventry Wall line in texture and color.

WANT TO ADD SOME SIZZLE?

106

How about incorporating a functioning pizza oven! See the next page to learn how.

* See Page 101 for Cast Veneer Stone and Brick color and style options

** Indoor and Outdoor Fireplaces available





Talk to your contractor about the Iso-Panel System for creating the

Outdoor Kitchen of your Dreams

ISO'VEN WOOD-BURNING PIZZA OVENS



All Isokern fireplaces, pizza ovens and modular kitchen kits can be made "personally" yours by customizing it with EP Henry's beautiful **Cast Veneer Stone**, the closest match to real stone, without the high cost.

Pizza Kit Components Included for Ease of Use:

- Pizza Peel
- (Two) 12" Pizza Screens
- Pan Gripper
- Aluminum Bubble Popper

*See Page 101 for Cast Veneer Stone and Brick Options

The ISO'ven quickly fires to 700° and can be used to cook personal pizzas, chicken, vegetables, steak, bread and more — you are only limited by your imagination.



107

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108

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Blue Mountain Landscape Supplies, Inc 288 W. Moorestown Road Wind Gap, PA 18091 610-746-6455 www.bluemountainlandscapingsupplies.com

Bricks and Stones Supply Lehigh Valley 1001 Nor-Bath Blvd. Northampton, PA 18067 610-261-1100

NORTHUMBERLAND

Central Builders Supply Co. 125 Bridge Ave. Sunbury, PA 17801 570-286-6461 www.centralbuilderssupply.com

Patterson Block Inc. 100 Route 901 Mt. Carmel, PA 17851 570-339-4570 www.pattersonblockinc.com

SCHUYLKILL

Pine Creek Country Gardens 1425 Long Run Road, Route 443 Friedensburg, PA 17933 570-739-1140 www.pinecreekcountrygardens.com

Petritsch Lawns Garden Center 37 Springhouse Lane New Ringgold, PA 17960 570-386-2824 www.petritschlawns.com

WESTMORELAND

Sevic Landscape & Supply 4749 Leechburg Road, Route 56 New Kensington, PA 15068 724-335-0736

YORK

Standard Concrete Products Co. 700 N. Sherman St. York, PA 17402 717-843-8074 www.standardconcreteproducts.com

Tri-Boro Construction Supplies Inc. 465 Locust St. Dallastown, PA 17313 800-632-9018

Please consult **ephenry.com** for the latest information or call **1-800.444.3679**

Virginia

ACCOMACK T & W Block, Inc. 21075 Washington St. Onley, VA 23418 757-787-2646 www.twblock.com

HENRICO

Pete Rose Landscape Products 9207 Old Staples Mill Road Richmond, VA 23228 804-288-7436 www.peteroseinc.com

JAMES CITY

Bennett's Creek Nursery 1568 Penniman Road Williamsburg, VA 23185 757-253-8714 www.bcnursery.com

NORFOLK CITY

Batchelder & Collins, Inc. 2305 Granby St. Norfolk, VA 23517 757-625-2506 www.batchelder-brick.com

PRINCE WILLIAM

Stone Center 10405 Nokesville Road Manassas, VA 20110 703-393-2828 www.stonecenter.biz

RICHMOND CITY Southside Builders Supply Corp. 20 Westover Hills Blvd. Richmond, VA 23225

804-233-4351 SPOTSYLVANIA

Stone Center of Fredericksburg 8241 Jefferson Davis Highway Fredericksburg, VA 22407 540-891-7866 www.stonecenterofva.com

STAFFORD

Stone and Mulch Center 78 Shelton Shop Road Stafford, VA 22554 540-657-5454

SUFFOLK CITY

Bennett's Creek Nursery 5635 Shoulders Hill Road Suffolk, VA 23435 757-483-1425 www.bcnursery.com

VIRGINIA BEACH CITY

Bennett's Creek Nursery 1241 Princess Anne Road Virginia Beach, VA 23457 757-426-7000 www.bcnursery.com

WILLIAMSBURG

Batchelder & Collins, Inc. 197 Ewell Road Williamsburg, VA 23188 757-220-2806 www.batchelder-brick.com

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109

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THEY GAVE THEIR ALL AND FOR THAT WE GIVE BACK.

(Top left) NJ Vietnam Veterans Huey Helicopter Memorial; (Middle left) Bucks County War on Terror Memorial; (Bottom left) Exterior of Bucks County War on Terror Memorial; (Top right) American Soldier remembering the Fallen Air Advisors at the Air Advisors Memorial at Joint Base McGuire-Dix-Lakehurst in NJ; (Bottom right) 2nd generation owner, James C. Henry, served in WWI (pictured, on the right).



We Support Our Veterans.

HERE AT EP HENRY, VALUES THAT ENDURE[™] IS OUR DRIVING FORCE. As part of our mission and our long history of service and support to the country and community, EP Henry is dedicated to preserving our country's priceless heritage monument by monument.

Since the HeroScaping program started in 2012, we have contributed materials, labor, and monetary donations to over 25 monuments and memorials. In 2015, our goal is to expand the program by creating HeroScaping providers through our network of Authorized Contractors.

We are proud to have been a partner for numerous monuments and memorials and we look forward to continuing to support those who serve our country.

HOW CAN YOU GET INVOLVED?

See page 40 or visit ephenry.com/heroscaping to learn how we will make a donation in your name to a military organization when you register your project for our Lifetime Warranty.



6 6 EP Henry jumped at our request to supply pavers for the Philadelphia Vietnam War Memorial. We were treated like VIP customers and our veterans were honored by the contribution. EP Henry (and the HeroScaping Program) isn't just 'talkingthe-talk', they're 'walking-the-walk'. **9**

> JAMES R. CURRY PROJECT LEADER

6 6 To the Patriots of EP Henry:

I knew not a soul when I arrived here in New Jersey. But, it was because of the people at EP Henry that I instantly loved the people of this state. It is because of the Love, Devotion, Sacrifice and Patriotism of this incredible company that this memorial was built. Thank you from the bottom of my heart! **?**

COLONEL J. OLAF HOLM COMMANDANT

They could have chosen anyone but they put their trust in EP Henry

Statue of Liberty Grounds Restoration

La A Relativel





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