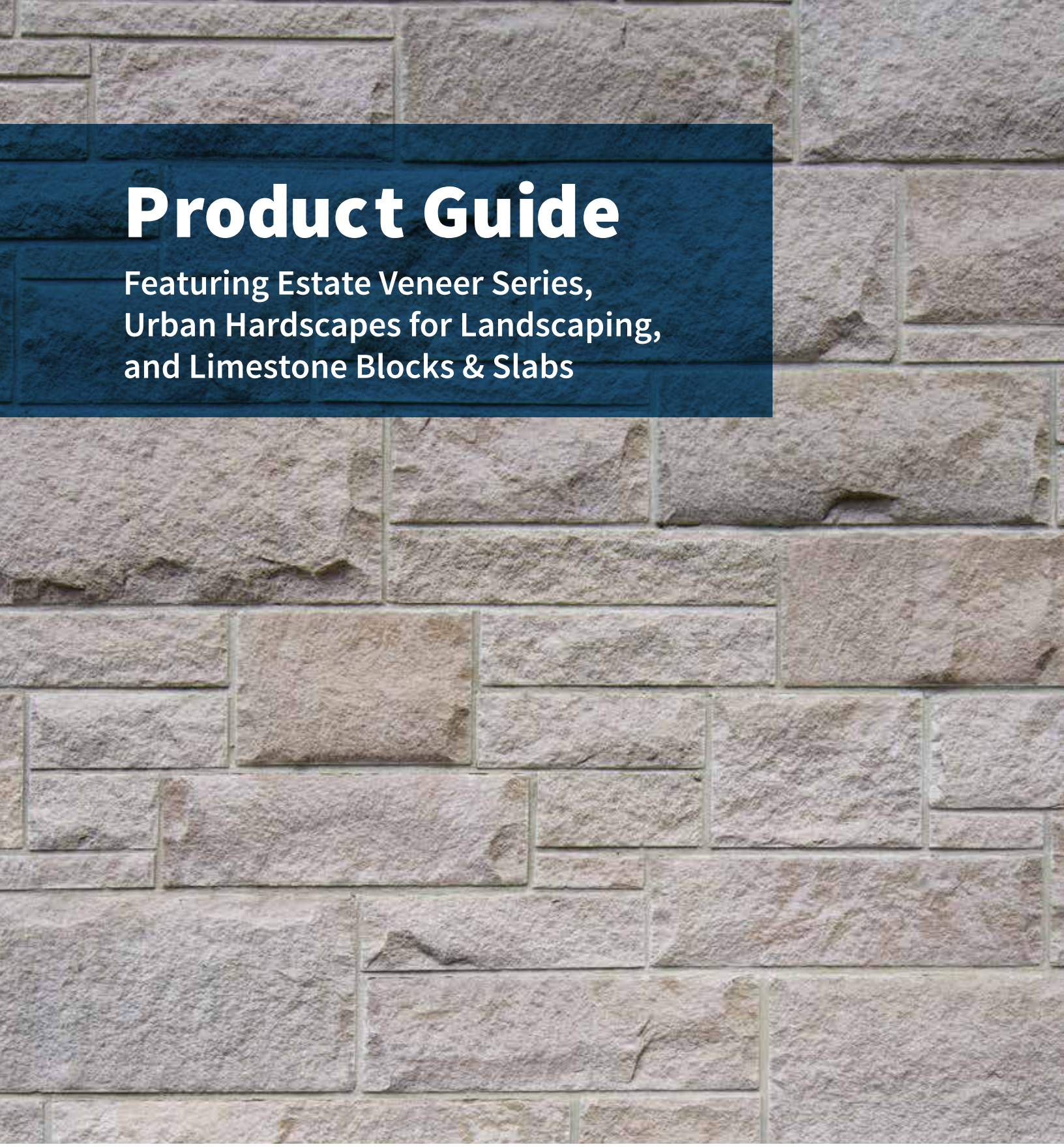

Product Guide

Featuring Estate Veneer Series, Urban Hardscapes for Landscaping, and Limestone Blocks & Slabs

INDIANA LIMESTONE®

Physical Characteristics, Performance Table

■ Indiana Limestone complies with the requirements of ASTM C568, Type II, Medium density limestone.

Performance Table

Property	Value	Test Procedure
Ultimate compressive strength dry specimens	4,000 psi min	ASTM C170
Modules of rupture dry specimens	700 psi min	ASTM C99
Absorption	7-1/2% max	ASTM C97

Indiana Limestone is a natural product. Subtle variations in color and texture do occur and are part of what makes this natural stone unique and attractive. We cannot guarantee an exact match to any of the photographic images contained in this Guide. Indiana Limestone Company's continuing attention to product improvement requires that product specifications, technical information, and availability are subject to change without notice.

Product Guide Contents

INDIANA LIMESTONE®

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Urban Hardscapes

Block & Slab

Custom Fabrication

INNOVATIONSINSTONE

Indiana Limestone Company

Built On Excellence and Innovation

Indiana Limestone Company is unmatched as the only fully integrated supplier of Indiana Limestone. From raw block, slab material, and standard building products, we are a leading supplier of the Nation's Building Stone. Since our founding in 1926, we continue to be the largest limestone quarrier and fabricator in the United States. At Indiana Limestone Company, our strength is in our reliability as we consistently provide high quality products and services to meet your needs.

An Extensive Inventory of Remarkable Natural Stone

Over 85 years ago, a group of visionaries representing 24 limestone companies, or 90% of this area's stone industry, combined virtually an entire industry into one entity: **Indiana Limestone Company**. Today, our company carries on that tradition. Located in the heart of one of the world's richest limestone deposits, we own more than 4,500 acres that contain over 100 years of reserves.

Our extensive inventory offers the widest range of colors, grades, and products all readily available for quick delivery around the world.

We combine modern technology with traditional craftsmanship to make the architect's vision a reality. The size of our operation has allowed us to pursue both large and small construction and restoration projects, including some of the most prestigious works of American architecture – the Empire State Building, Pentagon, Yankee Stadium, 15 Central Park West, and National Cathedral – along with 36 of the 50 state capitol buildings.

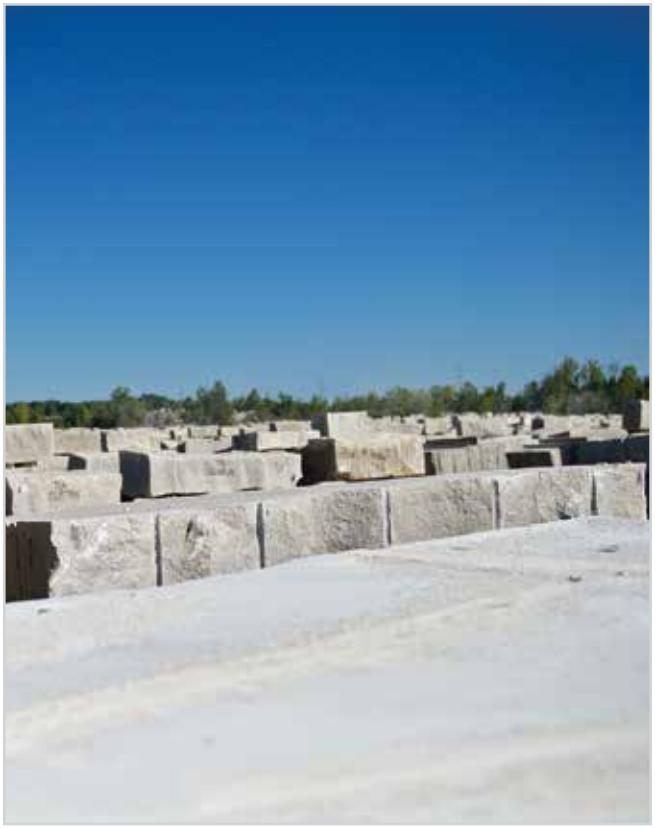
Quality Customer Service

We take pride in the customer focused service we deliver. Our foundation is built upon the skill and dedication of the people at Indiana Limestone Company, as we bring the highest quality natural resource to you. Contact us today for samples and information on how to specify Indiana Limestone for your next project. Choose Indiana Limestone – a remarkable raw material that will endure for generations.

Quarry Operations

On over 4,500 acres lie more than 100 years of the highest quality dimensional and cut-stone reserves. At Indiana Limestone Company, our quarries are the source of our nation's building stone. A five-year forward production plan is maintained for each quarry to access its reserves and provide the flexibility required to meet customer needs. Proper planning, the development of new sawing and quarrying techniques, and the use of available technology allow us to maximize the usable stone of our seven quarries. We are able to improve yield and quarry over 2 million cubic feet of high quality limestone per year.

The quarries from which Indiana Limestone Company has extensive reserves include Dark Hollow, Adams, Crown, National, and Baalbeck quarries, as well as our two most active and well-known quarries, Empire and Victor.



ESTATE
VENEER SERIES
by Indiana Limestone Company

ESTATE VENEER SERIES

Permanence and beauty combined.

Our Estate Veneer Series offers legendary durability and timeless design for your next home or landscape project. Our veneer styles include Berkshire, Rockford, and Vanderbilt, each offering distinct character and charm to your project.


Vanderbilt®
CLASSIC


ROCKFORD™
ESTATE BLEND


BERKSHIRE™

Vanderbilt® CLASSIC

Estate Veneer Series
Vanderbilt Classic®

Vanderbilt Classic® Full Bed Veneer

Smooth Face 3-5/8″ Bed Depth

Vanderbilt Classic® Smooth is a solid, genuine, and natural Indiana Limestone sawn veneer. The strong, clean look of real limestone is ideal for commercial, industrial, and fine residential structures.

Modular Units

- Made of the same naturally durable and high quality raw material used in our nation's most renowned buildings.
- Use proven, time-tested natural stone readily available in full bed thickness, precision cut modular units.
- Full Color Blend exhibits the subtle natural color range that has become the standard of Indiana Limestone over the last 150 years.
- Indiana Limestone is the classic complement to brick and other building materials.
- Available in standard sizes of 4″, 8″, 12″, or 16″ heights by 24″ in length.

Competitively Priced

- A historic natural stone competitively priced to engineered or cast stone imitations.
- Cost effective modular unit installation using traditional brick ties and having proper coverage/weight balance for efficient setting.
- Packaged ready-to-set and easily trimmed in the field for corner, door, and window openings.

Trim and Accent

- A full line of standard accent units is available to match the entire range of color of Vanderbilt Classic®.

Vanderbilt Classic® Smooth Face

Product ID	Color	Height	Depth	Length
1200-100	FCB	3-5/8″	3-5/8″	23-5/8″
1200-101	FCB	7-5/8″	3-5/8″	23-5/8″
1200-102	FCB	11-5/8″	3-5/8″	23-5/8″
1200-103	FCB	15-5/8″	3-5/8″	23-5/8″
1260-100	Gray	3-5/8″	3-5/8″	23-5/8″
1260-101	Gray	7-5/8″	3-5/8″	23-5/8″
1260-102	Gray	11-5/8″	3-5/8″	23-5/8″
1260-103	Gray	15-5/8″	3-5/8″	23-5/8″

Also available in 35-5/8″ length

Product Description and Packaging

- Standard grade Full Color Blend or Gray material
- Smooth face with sawn top, bottom, back, and ends
- Tolerances:

Height (+/-) 1/16″

Length (+/-) 1/16″

Depth (+/-) 1/16″

- Palletized on 48″ x 48″ pallet

Vanderbilt Classic® Full Bed Veneer

Split Face 3-5/8″ Bed Depth

Vanderbilt Classic® Split Face is a solid, genuine, natural Indiana Limestone split veneer. The strong, clean look of real limestone is ideal for commercial, industrial, and fine residential structures.

Modular Units

- Made of the same naturally durable and high quality raw material used in our nation's most renowned buildings.
- Use a proven, time-tested, natural stone readily available in full bed thickness, precision cut modular units.
- We offer Vanderbilt Classic® in Full Color Blend and Gray. Full Color Blend exhibits the subtle natural color range that has become the standard of Indiana Limestone over the last 150 years.
- Indiana Limestone is the classic complement to brick and other building materials.
- Available in standard sizes of 4″, 8″, and 12″ heights by 24″ in length.
- Packaged ready-to-set and easily trimmed in the field for corner, door, and window openings.

Competitively Priced

- A historic natural stone competitively priced to engineered or cast stone imitations.
- Cost effective modular unit installation using traditional brick ties and having proper coverage/weight balance for efficient setting.

Trim and Accent

- A full line of standard accent units is available to match the entire range of color of Vanderbilt Classic®.

Vanderbilt Classic® Split Face

Product ID	Color	Height	Depth	Length
1201-100	FCB	3-5/8″	3-5/8″	23-5/8″
1201-101	FCB	7-5/8″	3-5/8″	23-5/8″
1201-102	FCB	11-5/8″	3-5/8″	23-5/8″

Product Description and Packaging

- Full Color Blend
- Split face and back with sawn top, bottom, and ends
- Tolerances:

Height (+/-) 1/16″

Length (+/-) 1/16″

Depth (varies with finish)

- Palletized on 48″ x 48″ pallet

Vanderbilt Classic® Full Bed Veneer
Installation and Technical Information

Delivery, Storage, and Handling

- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Protection of Base Courses and Unfinished Work

- To avoid possible unsightly stains caused by mud or other splashing, the ground at the base of the structure should be covered with protective material during construction. This should be left intact until landscaping is complete.
- During construction, tops of walls should be carefully protected to prevent rain, snow, or seepage from entering space between veneer and backing.

Anchors

- Anchors should be attached securely to wood/metal framing or masonary backing. Use of stainless steel anchors is recommended. These ties should be spaced approximately 24″ vertically and 18″ horizontally.

Cleaning

- After mortar has set, the wall should be brushed down with a stiff fiber brush, and then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Dampproofing

- Where limestone is to be used at or below grade, dampproofing must be applied.
- Dampproofing the face of backup or structural concrete is helpful, but is not a substitute for back painting the stone.
- In cases where limestone is to be covered by soil or paving at grade and where the stones will present an evaporation surface above grade, the dampproofing must be carried up the partially exposed face at least to grade level.
- Indiana Limestone Company recommends a cementitious based waterproof coating.

Properties of Indiana Limestone

Most building designs that incorporate Indiana Limestone consider these properties:

Ultimate compressive strength of dry specimens
Value: 4,000 psi min.* Test STD: ASTM C170

Modulus of rupture of dry specimens
Value: 700 psi min.** Test STD: ASTM C99

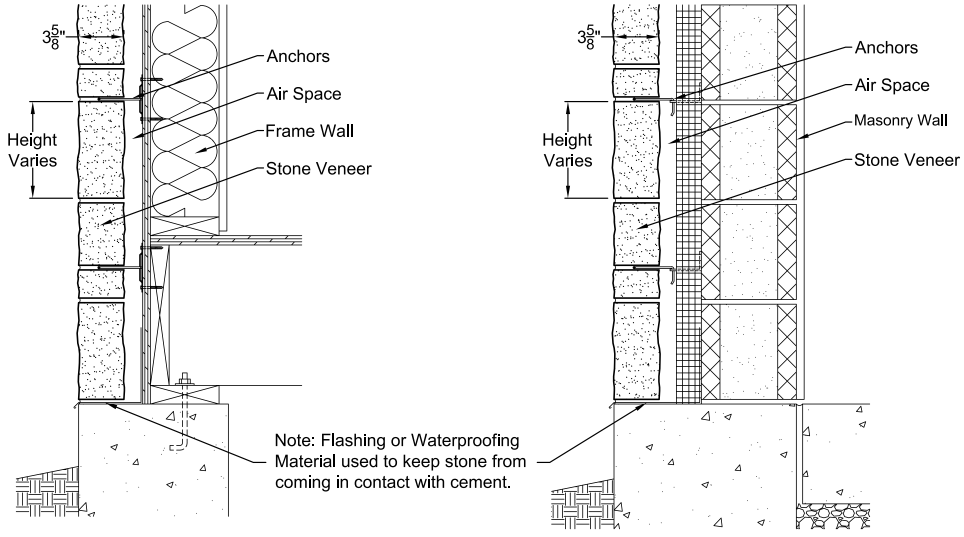
Absorption
Value: 7.5 % max. Test STD: ASTM C97

**Most Indiana Limestone products indicate min. values in excess of 4,000 psi, but this value is listed as an engineering reference.*
***Wind load and other bending forces are typically calculated at 1,000 psi for modulus of rupture.*
NOTE: All Indiana Limestone meets or exceeds the strength requirements set forth in ASTM C568 for Type II Dimension Limestone.

Abrasion Resistance
When used in flooring, paving, or steps, the abrasion resistance should be specified.
Value Range: (Abrasive Hardness)
6 min. to 17 max.† Test STD: ASTM C241

†Stone preparation and installation details are important in assuring hardness of 8 for heavy traffic areas. Specify abrasive hardness of 6 for light traffic areas such as patios, plazas, and wide sidewalks.

Diagram of Veneer Installation



Vanderbilt Classic® Full Bed Veneer
Specifications

Work Included
The work included in this section shall include all labor and material for the furnishing and setting of all interior and exterior Indiana Limestone stone veneer in accordance with drawings.

Stone
A. General
Stone shall be Vanderbilt Classic® stone veneer of Indiana Limestone quarried in Lawrence, Monroe, and Owen counties and produced by a member of the Indiana Limestone Institute.

B. Color
The stone shall be Full Color Blend or Gray.

C. Finish
The face surface of the stone shall be Smooth or Split Face.

D. Dimensions
1. Bed thickness shall be 3-5/8″.

2. Course heights shall be furnished at 3-5/8″, 7-5/8″, 11-5/8″, or 15-5/8″.

3. Stone lengths shall be 23-5/8″ or 35-5/8″.

(Following applies to all types)

Setting Stonework
A. Stone shall be set in strict accordance with approved profile and jointing pattern. Joints shall be 3/8″ wide for veneer and trim.

B. Stone can be anchored with a non-corrosive wall tie penetrating the joint material and located in the top bed only for course heights under 12″. Over 12″ and under 18″ tall, we recommend at the very least that a non-corrosive wall tie be used and securely fastened with a non-corrosive screw or by drilling a dowel hole into the stone and securing the anchor with a non-corrosive headed dowel, headed pin, or bolt.

PLEASE NOTE! In some areas commercial projects may require the use of bent anchor (strap) in conjunction with a non-corrosive screw for attachment.

Mortar
Setting mortar shall be ASTM C270 non-staining Type N composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

Handling and Storage
All Indiana Limestone shall be shipped, unloaded, and stored in such a manner as to avoid excess breakage and stain. Stone shall be stored at the job on planks, pallets, or timbers, clear of all soil and soil splash.

Cleaning
Finished stonework shall be washed clean and free of dirt, mortar, and other objectionable accumulations. Remove mortar droppings and smears as work progresses. Final clean down shall include brushing with fiber brushes and mild soap or detergent, and washing with clean water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Vanderbilt Classic® Thin Veneer

Vanderbilt Classic® Thin Veneer is a solid, genuine, and natural Indiana Limestone sawn thin veneer. The strong, clean look of real limestone is ideal for commercial, industrial, and fine residential structures. The coveted Vanderbilt style is now a thin veneer option.

Naturally Durable

Indiana Limestone Company's Vanderbilt Classic veneer is made of the same naturally durable and high quality raw material used in our nation's most renowned buildings.

Modular Units

Our Vanderbilt Classic® Thin Veneer is the first mass-produced Indiana Limestone modular-style thin veneer readily available. Vanderbilt Classic exhibits the subtle organic color range that has become the standard of Indiana Limestone over the last 150 years.

Vanderbilt Classic® is packaged, ready-to-set, and easily trimmed in the field for corner, door, and window openings.

Product Description and Packaging

- Material in Full Color Blend
- Quirk mitred corners reduce potential breakage in shipping
- Tolerances

  Height: 1/16"
  Depth: 1/16"
  Length: 1/16"
- Sold in both large and small pallets
- Large Pallets

  Palletized on 48″ x 48″ pallet
  Flats 160 Sq. Ft
  Corners 80 Lft.
- Small Pallets

  Palletized on 28″ x 48″ pallet
  Flats 40 Sq. Ft.
  Corners 20 Lft.

Vanderbilt Classic® Thin Veneer

Product ID	Pallet Size	Color	Height	Length	Depth
1200-200 Flats	Lg	FCB	3-5/8″	23-5/8″	1-3/16″ nominal
1200-201 Flats	Lg	FCB	7-5/8″	23-5/8″	1-3/16″ nominal
1200-202 Flats	Lg	FCB	11-5/8″	23-5/8″	1-3/16″ nominal
1200-203 Flats	Lg	FCB	15-5/8″	23-5/8″	1-3/16″ nominal
1200-210 Flats	Sm	FCB	3-5/8″	23-5/8″	1-3/16″ nominal
1200-211 Flats	Sm	FCB	7-5/8″	23-5/8″	1-3/16″ nominal
1200-212 Flats	Sm	FCB	11-5/8″	23-5/8″	1-3/16″ nominal
1200-213 Flats	Sm	FCB	15-5/8″	23-5/8″	1-3/16″ nominal
1200-400 Corners	Lg	FCB	3-5/8″	23-5/8″	1-3/16″ nominal
1200-401 Corners	Lg	FCB	7-5/8″	23-5/8″	1-3/16″ nominal
1200-402 Corners	Lg	FCB	11-5/8″	23-5/8″	1-3/16″ nominal
1200-403 Corners	Lg	FCB	15-5/8″	23-5/8″	1-3/16″ nominal
1200-410 Corners	Sm	FCB	3-5/8″	23-5/8″	1-3/16″ nominal
1200-411 Corners	Sm	FCB	7-5/8″	23-5/8″	1-3/16″ nominal
1200-412 Corners	Sm	FCB	11-5/8″	23-5/8″	1-3/16″ nominal
1200-413 Corners	Sm	FCB	15-5/8″	23-5/8″	1-3/16″ nominal

Vanderbilt Classic® Thin Veneer
Installation and Technical Information

Delivery, Storage, and Handling

- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Protection of Base Courses and Unfinished Work

- To avoid possible unsightly stains caused by mud or other splashing, the ground at the base of the structure should be covered with protective material during construction. This should be left intact until landscaping is complete.
- During construction, tops of walls should be carefully protected to prevent rain, snow, or seepage from entering space between veneer and backing.

Dampproofing

- Where limestone is to be used at or below grade, dampproofing must be applied.
- Dampproofing the face of backup or structural concrete is helpful, but is not a substitute for back painting the stone.
- In cases where limestone is to be covered by soil or paving at grade and where the stones will present an evaporation surface above grade, the dampproofing must be carried up the partially exposed face at least to grade level.
- Indiana Limestone Company recommends a cementitious based waterproof coating.

Properties of Indiana Limestone

Most building designs that incorporate Indiana Limestone consider these properties:

Ultimate compressive strength of dry specimens
Value: 4,000 psi min.* Test STD: ASTM C170

Modulus of rupture of dry specimens
Value: 700 psi min.** Test STD: ASTM C99

Absorption
Value: 7.5 % max. Test STD: ASTM C97

**Most Indiana Limestone products indicate min. values in excess of 4,000 psi, but this value is listed as an engineering reference.*

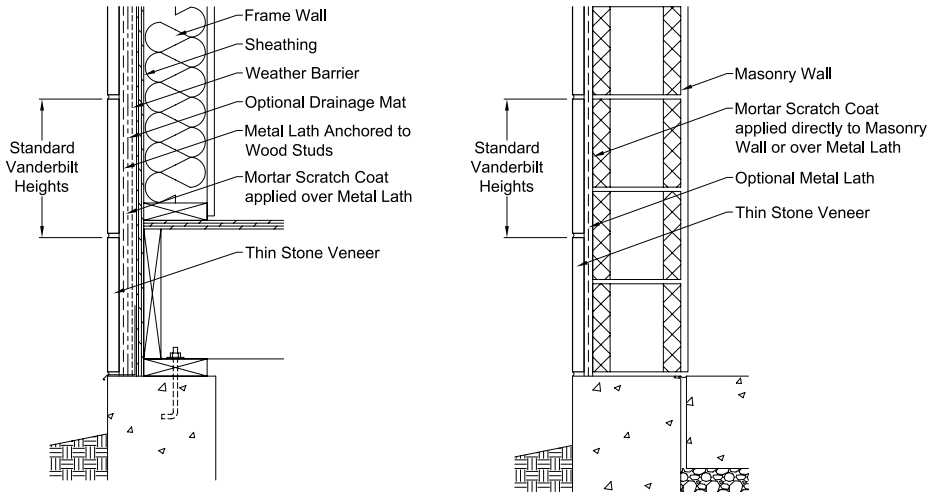
***Wind load and other bending forces are typically calculated at 1,000 psi for modulus of rupture.*

NOTE: All Indiana Limestone meets or exceeds the strength requirements set forth in ASTM C568 for Type II Dimension Limestone.

Abrasion Resistance
When used in flooring, paving, or steps, the abrasion resistance should be specified.
Value Range: (Abrasive Hardness)
6 min. to 17 max.† Test STD: ASTM C241

†Stone preparation and installation details are important in assuring hardness of 8 for heavy traffic areas. Specify abrasive hardness of 6 for light traffic areas such as patios, plazas, and wide sidewalks.

Diagram of Veneer Installation



Vanderbilt Classic® Thin Veneer & Corners
Specifications

Work Included
The work included in this section shall include all labor and material for the furnishing and setting of all interior and exterior Indiana Limestone stone veneer in accordance with drawings.

Stone
A. General
Stone shall be Vanderbilt Classic® stone Thin Veneer of Indiana Limestone quarried in Lawrence, Monroe, and Owen counties and produced by a member of the Indiana Limestone Institute.

B. Color
The stone shall be Full Color Blend.

C. Finish
The face surface of the stone shall be Smooth or Split Face.

D. Dimensions

1. Bed thickness shall be 1-3/16″ nominal.

2. Course heights shall be furnished at 3-5/8″, 7-5/8″,

11-5/8″, or, 15-5/8″.

3. Stone lengths shall be 23-5/8″.

(Following applies to all types)

Setting Stonework
A. Stone shall be set in strict accordance with approved profile and jointing pattern. Joints shall be 3/8″ wide for veneer and trim.

Mortar
Setting mortar shall be ASTM C270 non-staining Type S composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

Handling and Storage
All Indiana Limestone shall be shipped, unloaded, and stored in such a manner as to avoid excess breakage and stain. Stone shall be stored at the job on planks, pallets, or timbers, clear of all soil and soil splash.

Cleaning
Finished stonework shall be washed clean and free of dirt, mortar, and other objectionable accumulations. Remove mortar droppings and smears as work progresses. Final clean down shall include brushing with fiber brushes and mild soap or detergent, and washing with clean water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

ROCKFORD™
ESTATE BLEND

Estate Veneer Series
Rockford Estate Blend™

Rockford Estate Blend™ Full Bed Veneer

Rockford Estate Blend™ is a beautiful veneer of lightly tumbled genuine Indiana Limestone with a full range of natural color and sizes that will accentuate the dynamics of each individual application and architectural style.

Natural Stone

- Rockford Estate Blend™ contains the full natural color range of Indiana Limestone and displays the sense of permanence found only in natural stone.
- The distinct natural beauty of Indiana Limestone is apparent when set in place and ages gracefully with a natural patina.

Lasting Value and Performance

- Rockford Estate Blend™ offers the same durability and endurance as stone used on other classic Indiana Limestone Buildings such as the Empire State Building, National Cathedral, and Biltmore Estate.
- Compared to non-masonry options and cast stone, Rockford Estate Blend™ is a maintenance-free, natural building stone.
- Natural Indiana Limestone has exceptional thermal mass properties to keep buildings warm in the winter and cool in the summer.

Classic Complement

- As the classic complement to brick and other building materials, Rockford Estate Blend™ adds a sense of permanence and distinction to the design.
- A full bed thickness, lightly tumbled veneer with a natural range of complementary colors and sizes can enhance almost every brick color.
- The natural variations of color, texture, and finish of Indiana Limestone Rockford Estate Blend™ enhance any residential or commercial architectural style.

Product Description and Packaging

- Full Color Blend
- Split front, back, and ends
- Sawn top and bottom
- Lightly tumbled
- Tolerances
  - Height (varies)
  - Depth (varies with finish)
  - Length (varies)
- Packaged in a bulk bag on a pallet base

Rockford Estate Blend™

Product ID	Color	Height	Depth	Length
1211-100	FCB	2″-12″	3″-5″	6″-18″

Rockford Estate Blend™ Full Bed Veneer
Installation and Technical Information

Protection of Base Courses and Unfinished Work

- To avoid possible unsightly stains caused by mud or other splashing, the ground at the base of the structure should be covered with protective material during construction. This should be left intact until landscaping is complete.
- During construction, tops of walls should be carefully protected to prevent rain, snow, or seepage from entering space between veneer and backing.

Anchors

- Anchors should be attached securely to wood/metal framing or masonary backing. Use of stainless steel anchors is recommended. These ties should be spaced approximately 24″ vertically and 18″ horizontally.

Cleaning

- After mortar has set, the wall should be brushed down with a stiff fiber brush, and then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Dampproofing

- Where limestone is to be used at or below grade, dampproofing must be applied.
- Dampproofing the face of backup or structural concrete is helpful, but is not a substitute for back painting the stone.
- In cases where limestone is to be covered by soil or paving at grade, and where the stones will present an evaporation surface above grade, the dampproofing must be carried up the partially exposed face at least to grade level.
- ILCO recommends a cementitious based waterproof coating.

Properties of Indiana Limestone

Most building designs that incorporate Indiana Limestone consider these properties:

Ultimate compressive strength of dry specimens
Value: 4,000 psi min.* Test STD: ASTM C170

Modulus of rupture of dry specimens
Value: 700 psi min.** Test STD: ASTM C99

Absorption
Value: 7.5 % max. Test STD: ASTM C97

**Most Indiana Limestone products indicate min. values in excess of 4,000 psi, but this value is listed as an engineering reference.*

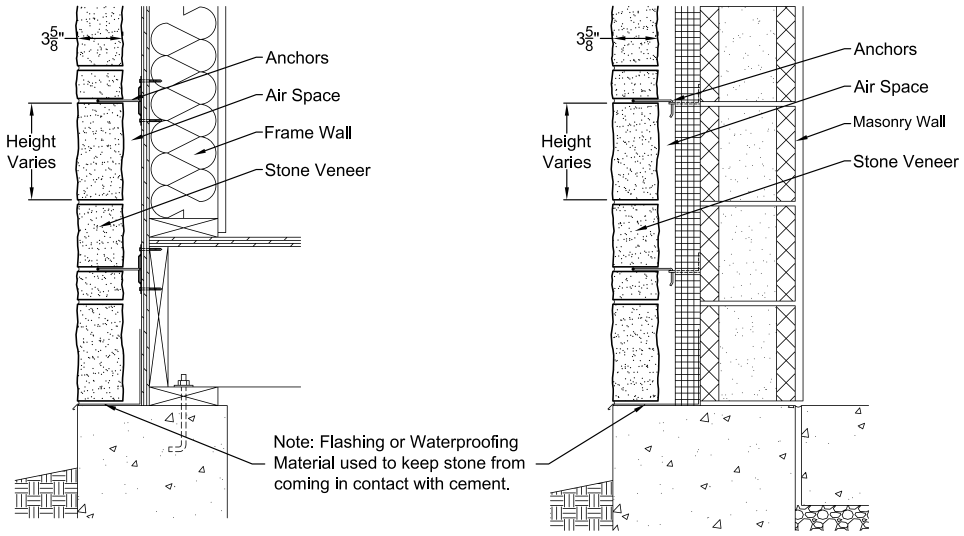
***Wind load and other bending forces are typically calculated at 1,000 psi for modulus of rupture.*

NOTE: All Indiana Limestone meets or exceeds the strength requirements set forth in ASTM C568 for Type II Dimension Limestone.

Abrasion Resistance
When used in flooring, paving, or steps, the abrasion resistance should be specified.
Value Range: (Abrasive Hardness)
6 min. to 17 max.† Test STD: ASTM C241

†Stone preparation and installation details are important in assuring hardness of 8 for heavy traffic areas. Specify abrasive hardness of 6 for light traffic areas such as patios, plazas, and wide sidewalks.

Diagram of Full Bed Veneer Installation



Rockford Estate Blend™ Full Bed Veneer
Specifications

Work Included
The work in this section shall include all labor and material for the furnishing and setting of all interior and exterior Indiana Limestone stone veneer in accordance with drawings.

Stone
A. General

Stone shall be Rockford Estate Blend™ Full Bed Veneer of Indiana Limestone quarried in Lawrence, Monroe, and Owen counties and produced by a member of the Indiana Limestone Institute.

B. Color
The stone shall be Full Color Blend.

C. Finish
The face surface of the stone shall be split.

D. Dimensions
1. Bed thickness shall be 3″ and 5″.

2. Course heights shall be furnished from 2″ to 12″ .

3. Stone lengths shall be random, varying from 8″ to 18″.

E. Stone Trim Units
These items shall be Full Color Blend Indiana Limestone sawed or otherwise dimensioned to the sizes shown on drawings, and anchored as shown or as detailed in large scale sections.

(Following applies to all types)

Setting Stonework
A. Stone shall be set in strict accordance with approved profile and jointing pattern. Joints shall be 3/8″ wide for veneer and trim.

B. Stone can be anchored with stainless steel or hot dip galvanized wall ties spaced not over 18″ horizontally and 24″ vertically

Mortar
Setting mortar shall be ASTM C270 non-staining Type S composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

Handling and Storage
All Indiana Limestone shall be shipped, unloaded, and stored in such a manner as to avoid breakage and staining. Stone shall be stored at the job on planks, pallets, or timbers, clear of all soil and soil splash.

Cleaning
Finished stonework shall be washed clean and free of dirt, mortar, and other objectionable accumulations. Remove mortar droppings and smears as work progresses. Final clean down shall include brushing with fiber brushes and mild soap or detergent, and washing with clean water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Rockford Estate Blend™ Veneer Notes
These products are used to the best advantage when the variations of grain and natural characteristics are allowed to complement the stone color and jointing pattern.

When Rockford Estate Blend™ is used in a random pattern, it is suggested that no vertical joint in the pattern be higher than the highest course height being used, no horizontal joint be more than three stones long, and that no stones the same height be placed end to end.

Rockford Estate Blend™ Thin Veneer

Rockford Estate Blend™ is a beautiful veneer of lightly tumbled genuine Indiana Limestone with a full range of natural color and sizes that accentuate the dynamics of each individual application and architectural style.

Natural Stone

- Rockford Estate Blend™ contains the full natural color range of Indiana Limestone, and it displays the sense of permanence found only in natural stone.
- The distinct natural beauty of Indiana Limestone is apparent when set in place and ages gracefully with a natural patina.

Lasting Value and Performance

- Rockford Estate Blend™ offers the same durability and endurance as stone used on other classic Indiana Limestone Buildings such as the Empire State Building, National Cathedral, and Biltmore Estate.
- Compared to non-masonry options and cast stone, Rockford Estate Blend™ is a virtually maintenance-free, natural building stone.
- Natural Indiana Limestone has exceptional thermal mass properties to keep buildings warm in the winter and cool in the summer.

Classic Complement

- As the classic complement to brick and other building materials, Rockford Estate Blend™ adds a sense of permanence and distinction to the design.
- Thin bed thickness, lightly tumbled veneer with a natural range of complementary colors and sizes can enhance almost every brick color.
- The natural variations of color, texture, and finish of Indiana Limestone Rockford Estate Blend™ enhance any residential or commercial architectural style.

Rockford Estate Blend™

Product ID	Color	Height	Depth	Length
1211-100 Flats	FCB	2″-12″	1-1/4″ nominal	8″-18″
1211-200 Corners	FCB	2″-12″	1-1/4″ nominal	4″-12″

Product Description and Packaging

- Full Color Blend
- Split front, back, and ends
- Sawn top and bottom
- Lightly tumbled
- Tolerances
  - Height (varies) 2-12″
  - Depth 1-1/4″ nominal (3/4″ to 1-1/2″)
  - Length (varies)
- Packaged in bulk pallets
  - 150 sq.ft. in standard pallets of flats
  - 25 sq.ft. small pallets available
  - (upcharge may apply)
- Pre-made corners give the appearance of full-bed thickness veneer

Rockford Estate Blend™ Thin Veneer
Installation and Technical Information

Delivery, Storage, and Handling

- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Protection of Base Courses and Unfinished Work

- To avoid possible unsightly stains caused by mud or other splashing, the ground at the base of the structure should be covered with protective material during construction. This should be left intact until landscaping is complete.
- During construction, tops of walls should be carefully protected to prevent rain, snow, or seepage from entering space between veneer and backing.

Cleaning

- After mortar has set, the wall should be brushed down with a stiff fiber brush, and then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Dampproofing

- Where limestone is to be used at or below grade, dampproofing must be applied.
- Dampproofing the face of backup or structural concrete is helpful, but is not a substitute for back painting the stone.
- In cases where limestone is to be covered by soil or paving at grade, and where the stones will present an evaporation surface above grade, the dampproofing must be carried up the partially exposed face at least to grade level.
- Indiana Limestone Company recommends a cementitious based waterproof coating.

Properties of Indiana Limestone

Most building designs that incorporate Indiana Limestone consider these properties:

Ultimate compressive strength of dry specimens
Value: 4,000 psi min.* Test STD: ASTM C170

Modulus of rupture of dry specimens
Value: 700 psi min.** Test STD: ASTM C99

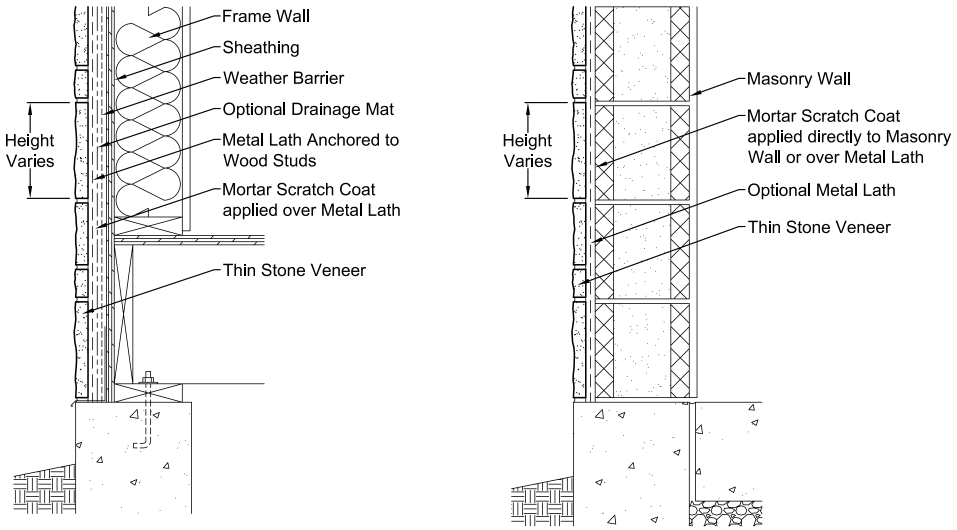
Absorption
Value: 7.5 % max. Test STD: ASTM C97

**Most Indiana Limestone products indicate min. values in excess of 4,000 psi, but this value is listed as an engineering reference.*

***Wind load and other bending forces are typically calculated at 1,000 psi for modulus of rupture.*

NOTE: All Indiana Limestone meets or exceeds the strength requirements set forth in ASTM C568 for Type II Dimension Limestone.

Diagram of Rockford Thin Veneer Installation



Rockford Estate Blend™ Thin Veneer
Specifications

Work Included
The work in this section shall include all labor and material for the furnishing and setting of all interior and exterior Indiana Limestone stone veneer in accordance with drawings.

Stone
A. General
Stone shall be Rockford Estate Blend™ stone thin veneer of Indiana Limestone quarried in Lawrence, Monroe, and Owen counties and produced by a member of the Indiana Limestone Institute.

B. Color
The stone shall be Full Color Blend

C. Finish
The face surface of the stone shall be split then tumbled

D. Dimensions
1. Bed thickness shall be 1 1/4″ nominal
2. Course heights shall be furnished from 2″ to 12″
3. Stone lengths shall be random, varying from 8″ to 18″

(Following applies to all types)

Mortar
Setting mortar shall be ASTM C270 non-staining Type S composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

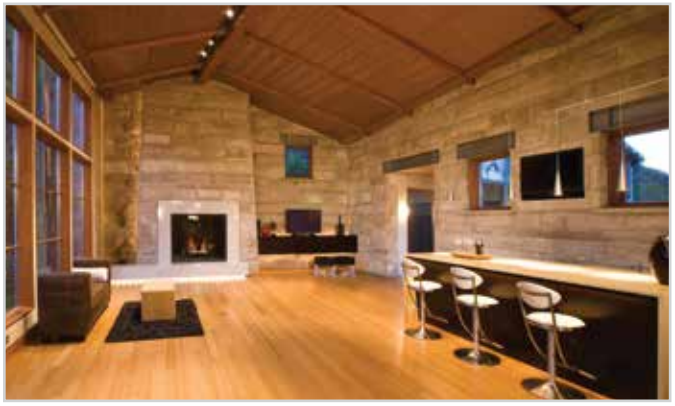
Handling and Storage
All Indiana Limestone shall be shipped, unloaded, and stored in such a manner as to avoid breakage and staining. Stone shall be stored at the job on planks, pallets, or timbers, clear of all soil and soil splash.

Cleaning
Finished stonework shall be washed clean and free of dirt, mortar, and other objectionable accumulations. Remove mortar droppings and smears as work progresses. Final clean down shall include brushing with fiber brushes and mild soap or detergent, and washing with clean water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Rockford Estate Blend™ Veneer Notes
These products are used to the best advantage when the variations of grain and natural characteristics are allowed to complement the stone color and jointing pattern.

When Rockford Estate Blend™ is used in a random pattern, it is suggested that no vertical joint in the pattern be higher than the highest course height being used, no horizontal joint be more than three stones long, and that no stones the same height be placed end to end.

BERKSHIRE™



Estate Veneer Series
Berkshire™

Berkshire™ Full Bed Veneer

Berkshire™ is a solid, genuine, natural Indiana Limestone split faced veneer. The variation of height courses creates a classic and pleasing random definition for both commercial and fine residential structures.

Beauty and Durability

- Berkshire™ is made of the same naturally durable and high quality raw material used on many of our nation's most renowned buildings.
- The split face Berkshire™ is offered in Full Color Blend, Gray, and Buff. Full Color Blend of Indiana Limestone exhibits the beauty of the subtle color and grain variations in the natural stone.
- Berkshire™ adds a sense of permanence and lasting value to any commercial or residential project.

Competitive Installation Cost

- This historic natural stone is competitively priced against engineered and cast stone imitations.
- Installation methods use traditional brick ties and can be easily and efficiently set by masons around the country.
- Berkshire™ is palletized, packaged ready-to-set, and lengths are easily trimmed in the field for corner, door, and window openings.

Product Description and Packaging

- Material in Full Color Blend, Gray, and Buff
- Split face with split or sawn back
- Tolerances:

  Height (+/-) 1/16″

  Depth (varies with finish)

  Length (random)
- Supplied in random lengths from 24″ - 40″ palletized on 32″ x 48″ pallet

Berkshire™ 3″ and 4″ Height

Product ID	Color	Height	Depth	Length
1240-100	FCB	2-1/4″	3″ – 4″	24-40″
1240-110	FCB	5″	3″ – 4″	24-40″
1240-120	FCB	7-3/4″	3″ – 4″	24-40″
1240-200	FCB	10-1/2″	3″ – 4″	24-40″
1230-100	Buff	2-1/4″	3″ – 4″	24-40″
1230-110	Buff	5″	3″ – 4″	24-40″
1230-120	Buff	7-3/4″	3″ – 4″	24-40″
1230-200	Buff	10-1/2″	3″ – 4″	24-40″
1245-100	Gray	2-1/4″	3″ – 4″	24-40″
1245-110	Gray	5″	3″ – 4″	24-40″
1245-120	Gray	7-3/4″	3″ – 4″	24-40″
1245-200	Gray	10-1/2″	3″ – 4″	24-40″

Berkshire™ Full Bed Veneer
Installation and Technical Information

Delivery, Storage, and Handling

- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Protection of Base Courses and Unfinished Work

- To avoid possible unsightly stains caused by mud or other splashing, the ground at the base of the structure should be covered with protective material during construction. This should be left intact until landscaping is complete.
- During construction, tops of walls should be carefully protected to prevent rain, snow, or seepage from entering space between veneer and backing.

Anchors

- Anchors should be attached securely to wood/metal framing or masonary backing. Use of stainless steel wall ties is recommended. These ties should be spaced not over 24" vertically and 18" horizontally.

Cleaning

- After mortar has set, the wall should be brushed down with a stiff fiber brush, and then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Dampproofing

- Where limestone is to be used at or below grade, dampproofing must be applied.
- Dampproofing the face of backup or structural concrete is helpful, but is not a substitute for back painting the stone.
- In cases where limestone is to be covered by soil or paving at grade, and where the stones will present an evaporation surface above grade, the dampproofing must be carried up the partially exposed face at least to grade level.
- Indiana Limestone Company recommends a cementitious based waterproof coating.

Properties of Indiana Limestone

Most building designs that incorporate Indiana Limestone consider these properties:

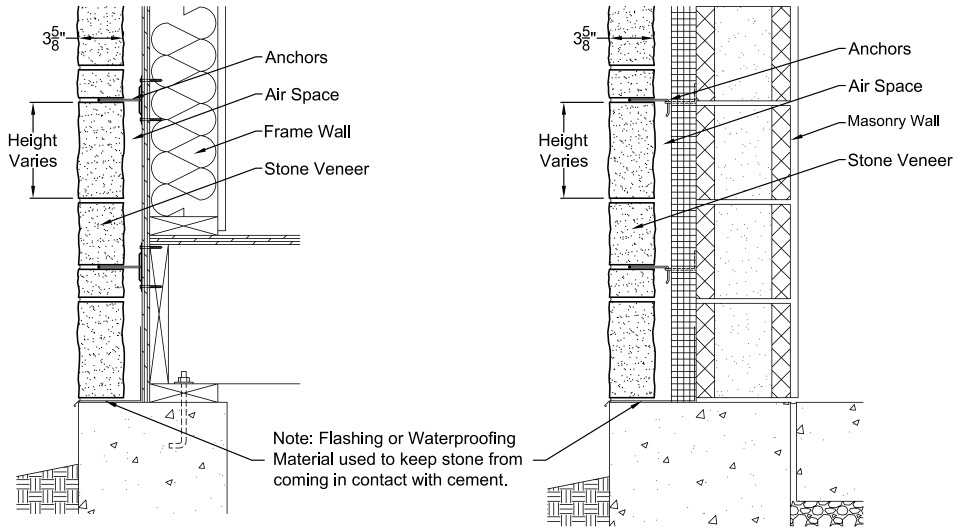
Ultimate compressive strength of dry specimens
Value: 4,000 psi min.* Test STD: ASTM C170

Modulus of rupture of dry specimens
Value: 700 psi min.** Test STD: ASTM C99

Absorption
Value: 7.5 % max. Test STD: ASTM C97

**Most Indiana Limestone products indicate min. values in excess of 4,000 psi, but this value is listed as an engineering reference.*
***Wind load and other bending forces are typically calculated at 1,000 psi for modulus of rupture.*
NOTE: All Indiana Limestone meets or exceeds the strength requirements set forth in ASTM C568 for Type II Dimension Limestone.

Diagram of Veneer Installation



Berkshire™ Full Bed Veneer
Specifications

Work Included
The work included in this section shall include all labor and material for the furnishing and setting of all interior and exterior Indiana Limestone stone veneer in accordance with drawings.

Stone
A. General
Stone shall be Berkshire™ stone Full Bed Veneer of Indiana Limestone quarried in Lawrence, Monroe, and Owen counties and produced by a member of the Indiana Limestone Institute.

B. Color
The stone shall be Buff, Gray, or Full Color Blend.

C. Finish
The face surface of the stone shall be split.

D. Dimensions
1. Bed thickness shall be 3″ and 4″.

2. Course heights shall be furnished in the following percentages:
3-Height: 15% (2-1/4″), 40% (5″), 45% (7-3/4″)
4-Height: 10% (2-1/4″), 35% (5″), 40% (7-3/4″), 15% (10-1/2″)

3. Stone lengths shall be random, varying from 24″ to 40″, and shall be jointed at the job to lengths conforming to approved jointing pattern.

Setting Stonework
A. Stone shall be set in strict accordance with approved profile and jointing pattern.

B. Stone can be anchored with non-corrosive wall ties spaced not over 18″ horizontally and 24″ vertically.

Mortar
Setting mortar shall be ASTM C270 Non-staining Type N composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

Handling and Storage
All Indiana Limestone shall be shipped, unloaded, and stored in such a manner as to avoid breakage and staining. Stone shall be stored at the job on planks, pallets, or timbers, clear of all soil and soil splash.

Cleaning
Finished stonework shall be washed clean and free of dirt, mortar, and other objectionable accumulations. Remove mortar droppings and smears as work progresses. Final clean down shall include brushing with fiber brushes and mild soap or detergent, and washing with clean water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Notes on Berkshire™ Limestone Veneer
Berkshire™ is defined as "Semi-Dimensional" and is furnished in random lengths for job site fittings.

These products are used to the best advantage when the variations of grain and natural characteristics are allowed to complement the stone color and jointing pattern.

When Berkshire™ is used in a random pattern, it is suggested that no vertical joint in the pattern be higher than the highest course height being used, no horizontal joint be more than three stones long, and that no stones the same height be placed end to end.

Berkshire™ Thin Veneer

Berkshire™ is a solid, genuine, natural Indiana Limestone split faced veneer. The variation of height courses creates a classic and pleasing random definition for both commercial and fine residential structures.

Beauty and Durability

- Berkshire™ is made of the same naturally durable and high quality raw material used in many of our nation's most renowned buildings.
- The split face Berkshire™ is offered in Full Color Blend, Gray, and Buff. Full Color Blend of Indiana Limestone exhibits the beauty of the subtle color and grain variations in the natural stone.
- Berkshire™ adds a sense of permanence and lasting value to any commercial or residential project.

Competitive Installation Cost

- This historic natural stone is competitively priced against engineered and cast stone imitations.
- Berkshire™ is palletized, packaged ready-to-set, and lengths are easily trimmed in the field for corner, door, and window openings.

Product Description and Packaging

- Material in Full Color Blend
- Split face with sawn back
- Tolerances:
  - Height (+/-) 1/16″
  - Depth 1-1/4″ nominal (3/4″ and 1-1/2″)
  - Length: (random) 8″- 40″
- Supplied in Random Lengths from 8″ - 40″ palletized
  - 150 sq.ft. in standard pallets of flats
  - 25 sq.ft. small pallets available (upcharge may apply)
- Pre-made Corners

Berkshire™ Thin Veneer

Item No	Color	Height	Depth	Length
1241-100 Flats	FCB	2-1/4″	1-1/4″ nominal	8-40″
1241-110 Flats	FCB	5″	1-1/4″ nominal	8-40″
1241-120 Flats	FCB	7-3/4″	1-1/4″ nominal	8-40″
1241-130 Flats	FCB	10-1/2″	1-1/4″ nominal	8-40″
1241-200 Corners	FCB	2-1/4″	1-1/4″ nominal	4-12″
1241-210 Corners	FCB	5″	1-1/4″ nominal	4-12″
1241-220 Corners	FCB	7-3/4″	1-1/4″ nominal	4-12″
1241-230 Corners	FCB	10-1/2″	1-1/4″ nominal	4-12″

Berkshire™ Thin Veneer
Installation and Technical Information

Delivery, Storage, and Handling

- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Protection of Base Courses and Unfinished Work

- To avoid possible unsightly stains caused by mud or other splashing, the ground at the base of the structure should be covered with protective material during construction. This should be left intact until landscaping is complete.
- During construction, tops of walls should be carefully protected to prevent rain, snow, or seepage from entering space between veneer and backing.

Setting Mortar

- Setting mortar shall be ASTM C270 non-staining Type S composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

Cleaning

- After mortar has set, the wall should be brushed down with a stiff fiber brush, and then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Dampproofing

- Where limestone is to be used at or below grade, dampproofing must be applied.
- Dampproofing the face of backup or structural concrete is helpful, but is not a substitute for back painting the stone.
- In cases where limestone is to be covered by soil or paving at grade, and where the stones will present an evaporation surface above grade, the dampproofing must be carried up the partially exposed face at least to grade level.
- ILCO recommends a cementitious based waterproof coating.

Properties of Indiana Limestone

Most building designs that incorporate Indiana Limestone consider these properties:

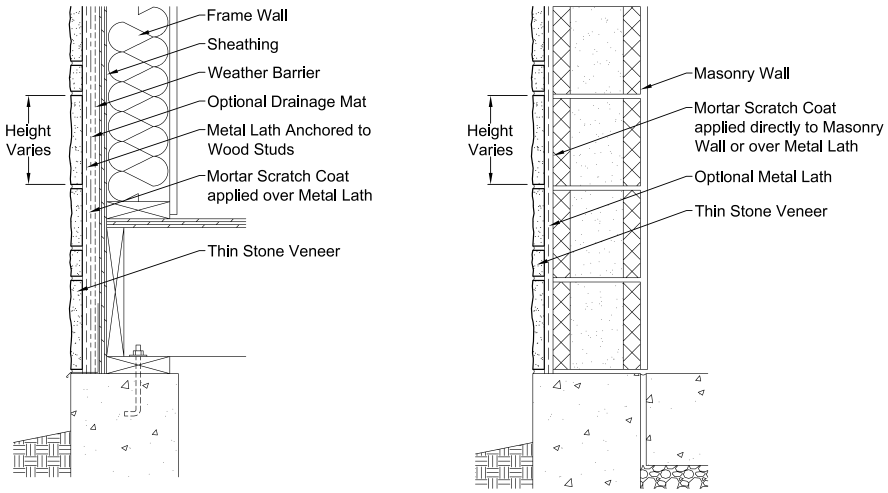
Ultimate compressive strength of dry specimens
Value: 4,000 psi min.* Test STD: ASTM C170

Modulus of rupture of dry specimens
Value: 700 psi min.** Test STD: ASTM C99

Absorption
Value: 7.5 % max. Test STD: ASTM C97

**Most Indiana Limestone products indicate min. values in excess of 4,000 psi, but this value is listed as an engineering reference.*
***Wind load and other bending forces are typically calculated at 1,000 psi for modulus of rupture.*
NOTE: All Indiana Limestone meets or exceeds the strength requirements set forth in ASTM C568 for Type II Dimension Limestone.

Diagram of Veneer Installation



Berkshire™ Thin Veneer
Specifications

Work Included
The work included in this section shall include all labor and material for the furnishing and setting of all interior and exterior Indiana Limestone stone veneer in accordance with drawings.

Stone
A. General

Stone shall be Berkshire™ stone Thin Veneer of Indiana Limestone quarried in Lawrence, Monroe, and Owen counties and produced by a member of the Indiana Limestone Institute.

B. Color

The stone shall be Full Color Blend.

C. Finish

The face surface of the stone shall be split.

D. Dimensions

1. Bed thickness shall be 1-1/4″ nominal.
2. Course heights shall be furnished in the following percentages:
   3-Height: 15% (2-1/4″), 40% (5″), 45% (7-3/4″)
   4 Height: 10% (2-1/4″), 35% (5″), 40% (7-3/4″), 15% (10-1/2″)
3. Stone lengths shall be random, varying from 8″ to 40″, and shall be jointed at the job to lengths conforming to approved jointing pattern.

Mortar
Setting mortar shall be ASTM C270 non-staining Type S composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

Handling and Storage
All Indiana Limestone shall be shipped, unloaded, and stored in such a manner as to avoid breakage and staining. Stone shall be stored at the job on planks, pallets, or timbers, clear of all soil and soil splash.

Cleaning
Finished stonework shall be washed clean and free of dirt, mortar, and other objectionable accumulations. Remove mortar droppings and smears as work progresses. Final clean down shall include brushing with fiber brushes and mild soap or detergent, and washing with clean water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Notes on Berkshire™ Limestone Veneer
Berkshire™ is defined as "Semi-Dimensional" and is furnished in random lengths for job site fittings.

These products are used to the best advantage when the variations of grain and natural characteristics are allowed to complement the stone color and jointing pattern.

When Berkshire™ is used in a random pattern, it is suggested that no vertical joint in the pattern be higher than the highest course height being used, no horizontal joint be more than three stones long, and that no stones the same height be placed end to end.

Sill Stock
Product Applications

Estate Veneer Series
Sill Stock

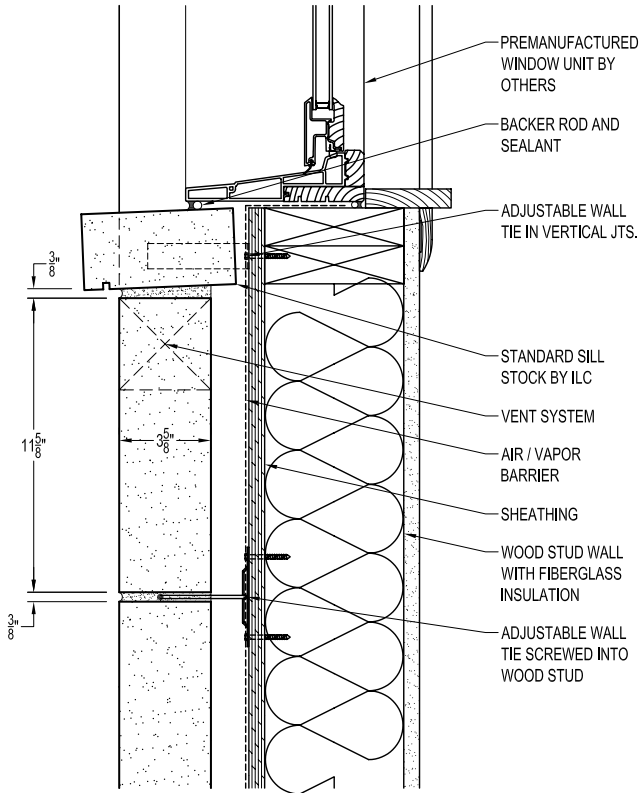
Sill Stock
Installation and Technical Information

Sills made of Indiana Limestone are the product of choice below window openings to protect against water damage, or as an accent band within a masonry field. Choosing Indiana Limestone sills will add the classic Indiana Limestone complement to your architectural design.

Produced as a simple rectangular shape from mill run quality Indiana Limestone. Our limestone sills have a diamond sawn finish and come in three standard course heights of 2-1/4", 3", or 4". We offer standard sill depths from 3" to 24". Each sill comes jointed to a standard length of 4', 6', or 8'. Our limestone sills are offered with smooth edges or rock faced along one long edge. A drip edge can also be added as needed. Sills are available in Full Color Blend Indiana Limestone.

Indiana Limestone Company's extensive inventory and short fabrication lead time make it easy to add and/or carry Indiana Limestone sills to enhance your masonry product line and complete your Indiana Limestone Classics™ offering. To order or for Dealer information, call 800.457.4026 and ask for Indiana Limestone Company's Limestone Classics sills.

Diagram of Limestone Sills Installation



Smooth Face

Rock Face

Notes on Thin Veneer Sills

Indiana Limestone thin veneer sills are rapidly becoming the product of choice for use with all types of thin stone veneers. Our thin stone sills provide the prefect finishing touch for any thin stone veneer project. They provide a clean finish and can be used to add dimension and depth to your next project.

Sill Stock
Installation and Technical Information

Delivery, Storage, and Handling

- Indiana Limestone Company Sills should be unloaded and handled carefully to prevent breakage.
- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.
- Sills should be handled carefully to avoid chips and scratches.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Protection of Unfinished Work

- To avoid possible unsightly stains caused from dirt or other construction materials residue, the sills should be covered with protective material during construction. This material should be left intact until the finishing of any surrounding work.
- During construction, tops of walls should be carefully protected to prevent rain, snow, or seepage from entering space between keystones and backing.

Setting Mortar

- Setting mortar shall be ASTM C270 non-staining Type N composed of one part Portland cement, one part mason's lime, and six parts sand mixed with potable water, or one part masonry cement and two and three-fourths parts sand mixed with potable water.

Anchors

- Anchors should be attached securely to wood/metal framing or masonary backing. The use of stainless steel brick anchors penetrating the joint material is typical in residential construction. Commercial construction may have additional anchorage requirements, such as bent straps attached to the framing and fastened to the stone. Check your local building codes for specific requirements.

Cleaning

- After mortar has set, the sills should be brushed down with a stiff fiber brush, then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Sill Stock - Smooth Full Color Blend

Product ID	Size
1803F-701 Thin	2-1/4" x 3" x 4'
1803F-702 Thin	2-1/4" x 4" x 4'
1803F-110	2-1/4" x 6" x 4'
1803F-111	2-1/4" x 6" x 5'
1803F-112	2-1/4" x 6" x 6'
1803F-114	2-1/4" x 6" x 8'
1803F-142	2-1/4" x 12" x 8'
1803F-152	2-1/4" x 14" x 8'
1803F-162	2-1/4" x 16" x 8'
1803F-192	2-1/4" x 24" x 8'
1803F-312	3"x6"x8'
1803F-512	4"x6"x8'

Sill Stock - Rocked Full Color Blend

Product ID	Size
1803F-701R Thin	2-1/4" x 3" x 4'
1803F-702R Thin	2-1/4" x 4" x 4'
1803F-110R	2-1/4" x 6" x 4'
1803F-111R	2-1/4" x 6" x 5'
1803F-112R	2-1/4" x 6" x 6'
1803F-114R	2-1/4" x 6" x 8'
1803F-142R	2-1/4" x 12" x 8'
1803F-152R	2-1/4" x 14" x 8'
1803F-162R	2-1/4" x 16" x 8'
1803F-192R	2-1/4" x 24" x 8'
1803F-312R	3"x6"x8'
1803F-512R	4"x6"x8'

Estate Veneer Series Packaging

Vanderbilt Classic® Thin Veneer Flats

Berkshire™ Packaging

Vanderbilt Classic® Thin Veneer Corner Pieces

Rockford Estate Blend™ Packaging

Vanderbilt Classic® Packaging

Thin Veneer Small Pallet

Sill Stock

Thin Veneer Large Pallet

URBAN HARDSCAPES

Create your dream design.

An outdoor living space has unlimited uses and locations, including residential, commercial, private, and public.

Indiana Limestone is proud to introduce Urban Hardscapes Products, a diverse and beautiful landscaping line designed with your future in mind. Urban Hardscapes will add a touch of reverent beauty to any landscaping dream you have. Cool to the touch and extremely versatile, Urban Hardscapes can be used for a vast array of outdoor projects.

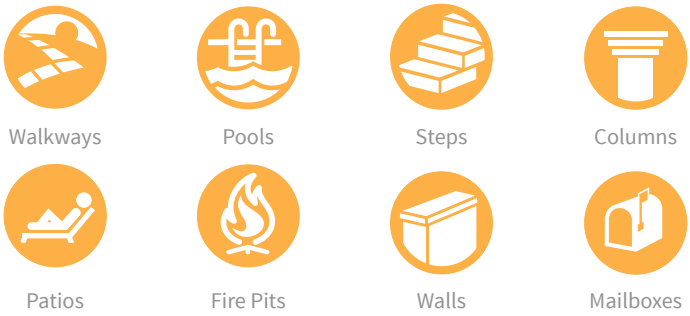
Indiana Limestone fits YOUR style

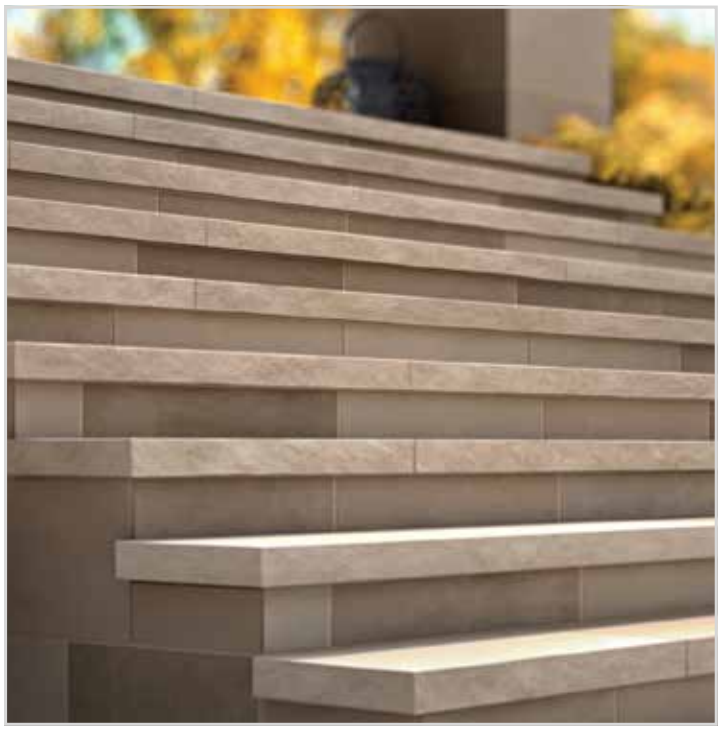
Bridging traditional and contemporary styles, Urban Hardscape products are crafted in our mills in Southern Indiana and serve a broad spectrum of applications.

Need something custom? The Indiana Limestone Company has a broad list of partner fabricators that can meet your needs.

APPLICATIONS

Look for these icons to help you understand where to best use Urban Hardscape products in your next landscape project.





Vanderbilt thin veneer with treads.

Treads and Vanderbilt thin veneer columns.

PAVERS

Urban Hardscapes Pattern Pavers by Indiana Limestone Company offer the same striking surface textures that Indiana Limestone products are known for in paving stones for patios, walkways, and pool decks. Unlike other pavers, the color and composition of Indiana Limestone Pavers will stay cool to the feet in the summer sun.

APPLICATIONS

Walkways Pools Patios

Modesto paver pattern.

PAVER PATTERNS

CHOOSING A PATTERN

Indiana Limestone Pavers can be installed in a multitude of different patterns and combinations. Keep it simple by selecting a pre-configured pattern from Urban Hardscapes or design your own. Our new pattern pavers are conveniently palletized with a mix of three sizes to accomodate even the smallest projects. For more information, patterns, and inspiration, please visit www.IndianaLimestoneCompany.com.

PATTERNS

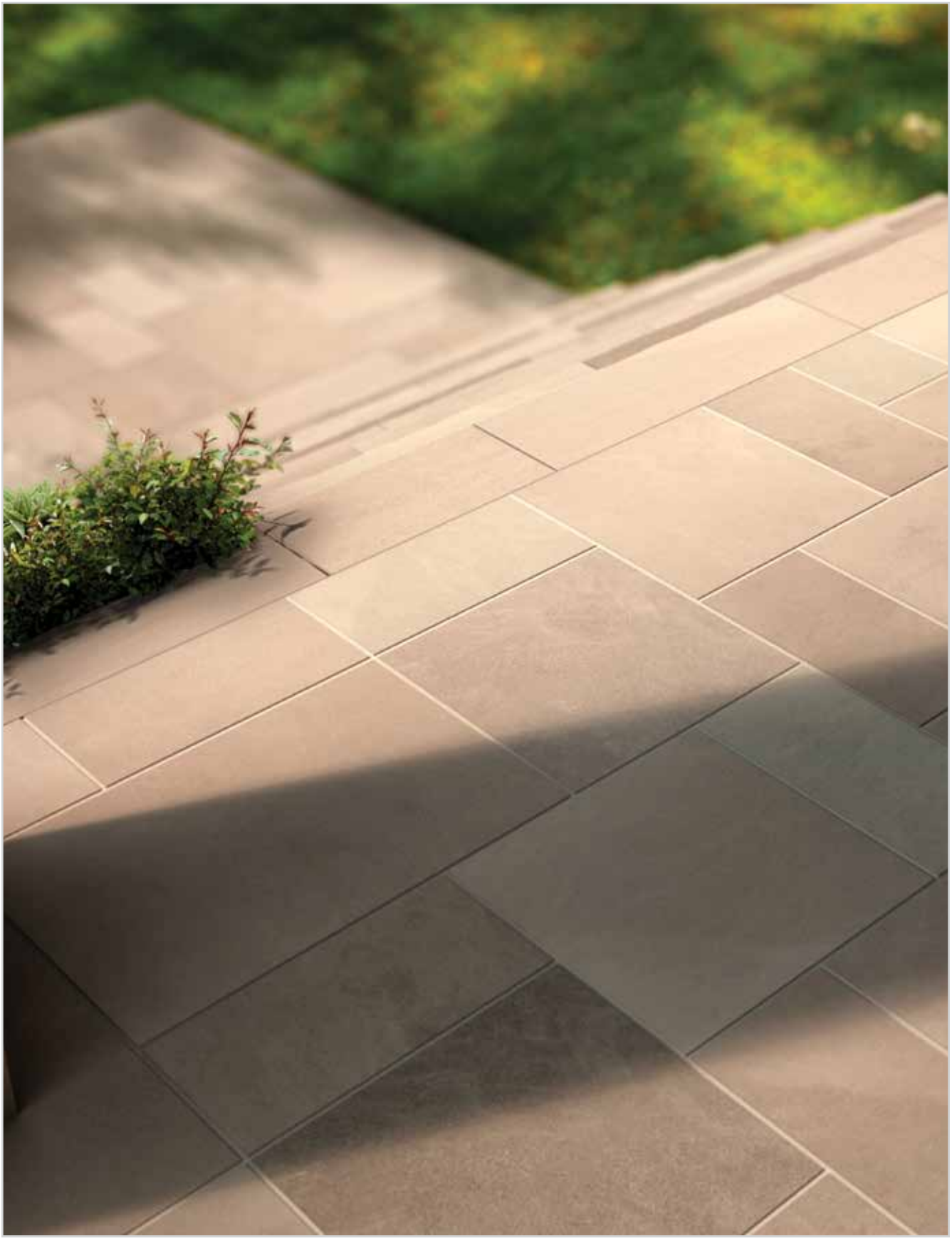
Modesto

Highpoint

Chesapeake

Highpoint paver pattern.

Pavers
Product Applications



Highpoint paver pattern, 3" and 6" garden wall in ashlar pattern, sills used as wall caps.
Estate Veneer Series Berkshire cladding on home.

Standard pavers.

Pavers
Product Applications

Pavers
Product Applications

Urban Hardscapes
Pavers

Pavers
Installation and Technical Information

Setting Bed

■ Use of Type N Masonry Cement is highly recommended for the setting bed cement mix. White Cement does not contain the chemicals that can cause unsightly staining when activated by water. Typical fine sand will be adequate for the cement mix. A setting bed depth of 1" to 1-1/2" is recommended.

Concrete Slab

■ The concrete slab should be cured; 30 days of curing would be ideal.

Grouting of Joints

■ Grouting or pointing of the joints can be done with the same Type N White Masonry Cement (mixed with White Sand to allow for accurate coloring).

Dampproofing the Stone

■ Alternatively, a cementitious based dampproofing could be applied to the backs and all unexposed sides of the stones to protect the stones from moisture sources and prevent staining. A standard non-staining Type N Gray masonry cement is to be used in the setting bed or grout.

Delivery, Storage, and Handling

■ Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.

■ Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.

■ When using pry bars to move stone into place, use padding to protect the edges of the stone.

Protection of Base Courses & Unfinished Work

■ To avoid possible unsightly stains caused by mud or other splashing, the ground at the base of the structure should be covered with protective material during construction. This should be left intact until landscaping is complete.

Cleaning

■ After mortar has set, the pavers should be brushed down with a stiff fiber brush, and then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Paver Patterns

Product ID	Color	Size
1550F-800	FCB	Qty. 12 -1.5" x 12" x 24" Qty. 12 -1.5" x 24" x 24" Qty. 12 -1.5" x 36" x 24

Paver 1-1/2"

Product ID	Color	Size
1550F-100	FCB	1.5" x 11-5/8" x 11-5/8"
1550F-102	FCB	1.5" x 11-5/8" x 23-5/8"
1550F-300	FCB	1.5" x 23-5/8" x 23-5/8"
1550F-302	FCB	1.5" x 23-5/8" x 35-5/8"
1850-100	Gray	1.5" x 11-5/8" x 11-5/8"
1850-102	Gray	1.5" x 11-5/8" x 23-5/8"
1850-300	Gray	1.5" x 23-5/8" x 23-5/8"
1850-302	Gray	1.5" x 23-5/8" x 35-5/8"

Paver 2"

Product ID	Color	Size
1550F-500	FCB	2" x 11-5/8" x 11-5/8"
1550F-502	FCB	2" x 11-5/8" x 23-5/8"
1550F-700	FCB	2" x 23-5/8" x 23-5/8"
1550F-702	FCB	2" x 23-5/8" x 35-5/8"
1850-500	Gray	2" x 11-5/8" x 11-5/8"
1850-502	Gray	2" x 11-5/8" x 23-5/8"
1850-700	Gray	2" x 23-5/8" x 23-5/8"
1850-702	Gray	2" x 23-5/8" x 35-5/8"

Other sizes available. Call for details.

GARDEN STEPPERS

Garden Steppers lend a sense of weight and permanence by creating step elements from single pieces of Indiana Limestone. Our steppers add an inviting touch to any landscaping area.

APPLICATIONS

Steps

Patios

Garden steppers with Highpoint paver pattern.

Garden stepper: Split front, back, and ends with sawn top and bottom.

Garden Steppers

Installation and Technical Information

Classic Strength

Rugged, durable, and functional, our Limestone Classics® Garden Steppers add an inviting touch to any landscaping area. Made from our high quality Gray or Full Color Blend genuine Indiana Limestone, our garden steppers elicit a feeling of permanence and simplicity.

Popular Sizing

Our Limestone Classics Garden Steppers come standard with a split front, back, and ends, and sawn top and bottom. Each step is 6″ tall and 16″ wide, and is available in lengths of 3′, 4′, and 5′. Steps are packaged on a pallet for easy unloading.

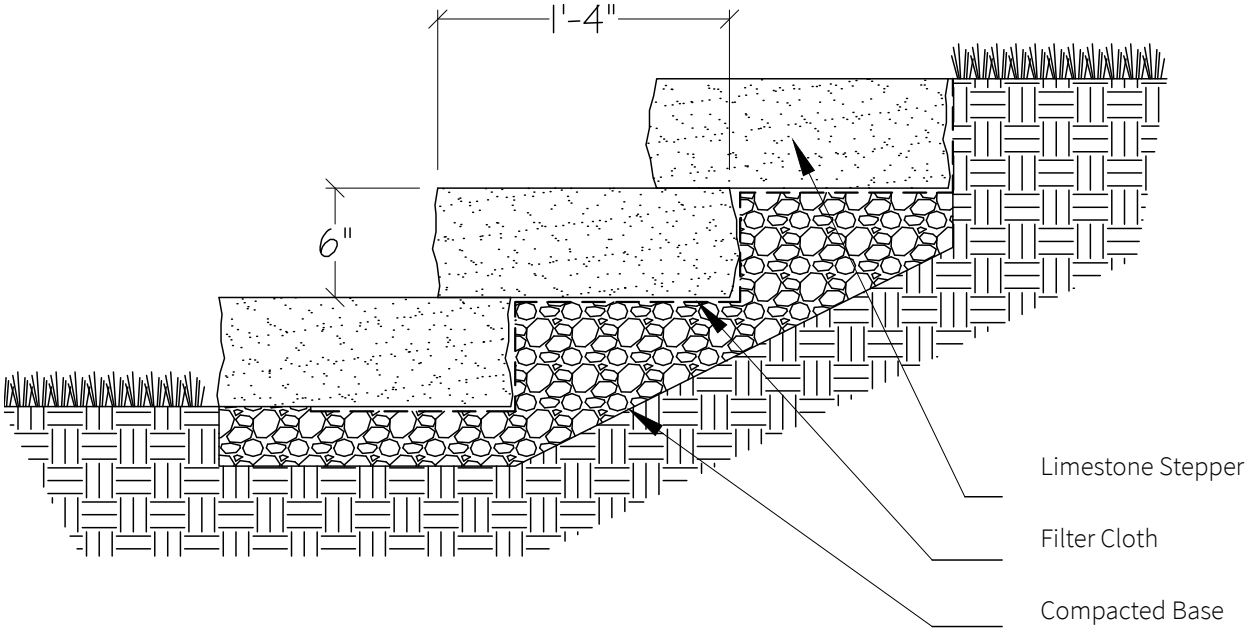
Availability

Indiana Limestone Company offers unlimited availability of our Limestone Classics Garden Steppers. It's easy to incorporate genuine Indiana Limestone into your next landscape design. To order or for Dealer information, call 800.457.4026 and ask for Indiana Limestone Company's Limestone Classics Garden Steppers.

Garden Steppers

Product ID	Color	Size
2810-300	FCB	6″ x 16″ x 36″
2810-301	FCB	6″ x 16″ x 48″
2810-302	FCB	6″ x 16″ x 60″
2610-300	Gray	6″ x 16″ x 36″
2610-301	Gray	6″ x 16″ x 48″
2610-302	Gray	6″ x 16″ x 60″

Diagram of Garden Steppers Installation



GARDEN WALLS

Urban Hardscapes Garden Walls by Indiana Limestone Company can add depth to any space. A dry-stacked, non-retaining product, it is perfect for shallow floral beds and landscaping elements. Available in 3″ and 6″ heights, it is cut on-site to achieve a broad variety of looks. Use the 6″ height in a bonded pattern for a more massive, monolithic look. Use 3″ height in longer lengths for a more contemporary look.

APPLICATIONS

Walls | Patios | Mailboxes

Popular Sizing

- 3″ and 6″ nominal heights, 8″ nominal depth
- Random lengths – 24″ – 54″

Dry stack designs should only be used in limited and non-retaining applications. Walls, excluding caps, should not exceed 2 feet in a single wythe. Larger heights can be designed if multiple interlocking wythes of product are used. If using caps on a single depth wall, it is recommended to use mortar to set the cap for stability. Designs should be completed or reviewed by a landscape professional or mason prior to construction.

3″and 6″ ashlar pattern for a more dynamic look.

6″ height in a bonded pattern for a more massive, monolithic look.

3″ height in longer lengths for a more contemporary look.

Garden Walls
Installation and Technical Information

Delivery, Storage, and Handling

- Product will be supplied adequately packaged on pallets to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud spatters.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.
- Shipped in random length, long lengths not guaranteed 3″ and 6″ random length application.
- Approximately 32 facing sq. ft. per pallet (2 tons.)
- Sold by weight on pallets – ~2 ton targeted weight.

Popular Sizing

- 3″ and 6″ nominal heights, 8″ nominal depth
- Random lengths – 24″ – 54″

Cleaning

If mortar is used to secure caps and it has been allowed to set, the garden wall should be brushed down with a stiff fiber brush, then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone. The garden wall product, itself, can be brushed or rinsed with clear water to clean.

Dampproofing

Cementitious damp proofing should be used if the backside of the garden wall application will come in direct contact with soils or water to protect from moisture sources and prevent staining.

6″ Garden wall

3″ Garden wall

Garden Walls

Product ID	Color	Size
2700F-102	FCB	3″ x 8″ x Random
2700F-103	FCB	6″ x 8″ x Random

TREADS

Indiana Limestone treads are a mainstay for stone step treads across North America. With a distinctive rock-faced edge and diamond sawn finish, Indiana Limestone treads have been used extensively as step treads, mantels, hearths, and copings.

APPLICATIONS

Walkways Pools Patios

Vanderbilt thin veneer with treads.

2" treads in lengths of 4'.

Treads
Installation and Technical Information

Availability

Indiana Limestone Company offers stone treads in a range of sizes. All are available in a standard thickness of 2″, a 12″ width, and in lengths from 4′ to 8′. Treads are available in Gray Indiana Limestone. Currently, we have an approx 4 week lead time of our most popular stone tread sizes as well as a short fabrication lead time on non-inventory items.

Highly Durable

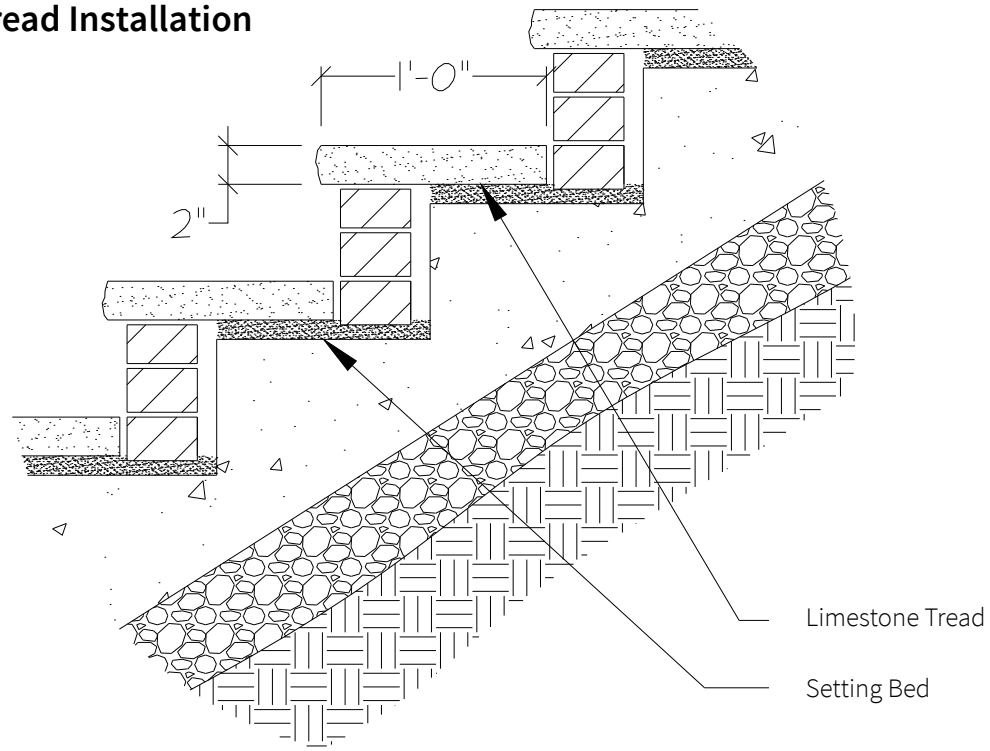
Produced from the same quality raw material used in thousands of institutional, residential, and commercial cut stone projects, our durable limestone treads can provide a classic complement for every architectural design.

Treads

Product ID	Color	Size
1067-501	Gray	2″x 12″x 4′
1067-502	Gray	2″x 12″x 5′
1067-503	Gray	2″x 12″x 6′
1067-504	Gray	2″x 12″x 7′
1067-505	Gray	2″x 12″x 8′

Our limestone treads are packaged in a bundle of 14 pieces per pallet, stacked on edge for easy transportation and unloading. The stone treads are supplied on pallets or timbers that protect the finished stone from touching the ground.

Diagram of Tread Installation



PIER CAPS

Pier Caps are the perfect finish for your wall projects. Available in a wide range of sizes with smooth or pitched edges, our pier caps fit whatever you have in mind. They are available in 2-1/4″ and 3″ thicknesses and 8 standard sizes.

APPLICATIONS

Columns Walls Mailboxes

Rock face pier cap.

Rock face pier cap.

Square edge pier cap.

Pier Caps
Installation and Technical Information

Delivery, Storage, and Handling

- Indiana Limestone Company Pier Caps should be unloaded and handled carefully to prevent breakage.
- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space graveled, or chipped for protection against mud splatters.
- Product should be handled carefully to avoid chips or scratches.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Setting Mortar

- Use of non-staining Type N Masonry Cement is highly recommended for the setting bed cement mix. White Cement does not contain the chemicals that can cause unsightly staining when activated by water. Typical fine sand will be adequate for the cement mix. A setting bed depth of 1″ to 1-1/2″ is recommended.

Pointing of Joints

- Grouting or pointing of the joints can be done with the same non-staining Type N White Masonry Cement (mixed with White Sand to allow for accurate coloring). For an even more repellent joint, the use of Urethane/Polyurethane sealant is recommended.

Anchors

- Typical mortar set installation does not require any additional anchoring. However, if additional anchoring is required or desired based on design specifications, stainless steel dowels (smooth or threaded) or stainless steel dowels with straps are both commonly used for the attachment of limestone pier caps.

Cleaning

- After mortar has set, the pier caps should be brushed down with a stiff fiber brush, then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

Physical Characteristics and Performance

- Indiana Limestone complies with the requirements of ASTM C568, Type II, Medium density limestone.

Rock Face

Square Edge

Pier Caps - Square Edge

Product ID	Color	Size
2760-301	FCB	2-1/4″ x 18″ x 18″
2760-302	FCB	2-1/4″ x 20″ x 20″
2760-304	FCB	2-1/4″ x 24″ x 24″
2760-307	FCB	2-1/4″ x 30″ x 30″
2780-301	Gray	2-1/4″ x 18″ x 18″
2780-302	Gray	2-1/4″ x 20″ x 20″
2780-304	Gray	2-1/4″ x 24″ x 24″
2780-307	Gray	2-1/4″ x 30″ x 30

Pier Caps - Rock Face

Product ID	Color	Size
2760-101R	FCB	2-1/4″ x 18″ x 18″
2760-102R	FCB	2-1/4″ x 20″ x 20″
2760-104R	FCB	2-1/4″ x 24″ x 24″
2760-107R	FCB	2-1/4″ x 30″ x 30″
2780-101R	Gray	2-1/4″ x 18″ x 18″
2780-102R	Gray	2-1/4″ x 20″ x 20″
2780-104R	Gray	2-1/4″ x 24″ x 24″
2780-107R	Gray	2-1/4″ x 30″ x 30″

Pier Caps also available in 3″ thickness.

WALL CAPS

Wall Caps are the ideal choice for a unique accent piece for your garden or retaining wall that will stand the test of time. Urban Hardscapes Wall Caps provide a strong finishing touch to any of your brick or stone wall designs. Architecturally versatile, they are available in 2-1/4″ and 3″ thicknesses. You can also choose between a smooth or rock face finish to match the style you desire.

APPLICATIONS

Columns Walls Mailboxes

Rock face wall cap.

Sill used as a smooth edge wall cap.

Rock face wall cap.

Wall Caps
Installation and Technical Information

Delivery, Storage, and Handling

- Indiana Limestone Company Wall Caps should be unloaded and handled carefully to prevent breakage.
- Product will be supplied adequately packaged on pallets or timbers to keep finished stone clear of the ground.
- Storage area should be a well-drained space, graveled or chipped for protection against mud splatters.
- Product should be handled carefully to avoid chips and scratches.
- When using pry bars to move stone into place, use padding to protect the edges of the stone.

Setting Mortar

- Use of non-staining Type N Masonry Cement is highly recommended for the setting bed cement mix. White Cement does not contain the chemicals that can cause unsightly staining when activated by water. Typical fine sand will be adequate for the cement mix. A setting bed depth of 1" to 1-1/2" is recommended.

Pointing of Joints

- Grouting or pointing of the joints can be done with the same non-staining Type N White Masonry Cement (mixed with White Sand to allow for accurate coloring). For an even more water repellent joint, the use of a Urethane/ Polyurethane sealant is recommended.

Anchors

- Typical mortar set installation does not require any additional anchoring. However, if additional anchoring is required or desired based on design specifications, stainless steel dowels (smooth or threaded) or stainless steel dowels with straps are both commonly used for the attachment of limestone wall caps.

Cleaning

- After mortar has set, the wall caps should be brushed down with a stiff fiber brush, then carefully rinsed with clear water to remove any accumulation of stain or matter foreign to the limestone.

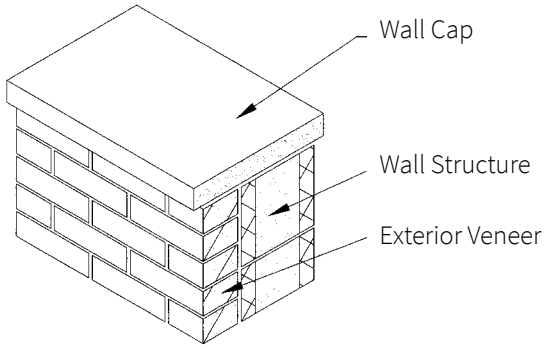
Physical Characteristics

- Indiana Limestone complies with the requirements of ASTM C568, Type II, Medium density limestone.

Rock Face

Wall Caps

Product ID	Color	Size
2845-100	FCB	2-1/4" x 12" x 47-5/8"
2845-101	FCB	2-1/4" x 14" x 47-5/8"
2645-100	Gray	2-1/4" x 12" x 47-5/8"
2645-101	Gray	2-1/4" x 14" x 47-5/8"
2845-200	FCB	3" x 12" x 47-5/8"
2845-201	FCB	3" x 14" x 47-5/8"
2645-200	Gray	3" x 12" x 47-5/8"
2645-201	Gray	3" x 14" x 47-5/8"



BOULDERS

Urban Hardscape boulders add a strong accent to any landscape design. Often used to delineate spatial elements, accent landscape elements, and in water features, Indiana Limestone boulders offer an opportunity for material continuity in accents, as well as designed elements.

APPLICATIONS

Patios
Walkways
Fire Pits

Indiana Limestone boulders are natural stone from our quarries, and vary as a natural material. While images are representative we cannot guarantee that boulders feature weathering, moss elements, quarry drill marks, etc.

Large sized boulder.

Varied boulder sizes available for large or small scale design elements.

Urban Hardscape Packaging

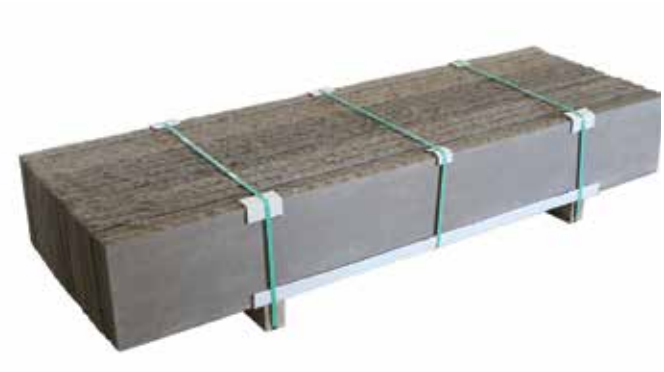
Pier Caps Packaging

Garden Steppers Packaging

Pavers Packaging

Wall Caps Packaging

Garden Walls Packaging



Treads Packaging

BLOCK & SLAB

For over a century, Indiana Limestone Company has been a leading supplier of the world's finest limestone to fabricators of all sizes. For consistent high quality and immediate delivery, turn to Indiana Limestone Company for select Blocks and Slabs. Discover more about the benefits at *IndianaLimestoneCompany.com*

Indiana Limestone Blocks

Indiana Limestone Company provides you with the most consistent, high quality, select Indiana Limestone Blocks in the widest range of sizes, colors, and grades for immediate delivery.

Benefits

For over a century, Indiana Limestone Company has been the leading supplier of the world's finest stone to fabricators of all sizes. As a customer, you can count on these outstanding benefits when ordering your raw material from Indiana Limestone Company:

- Immediate availability of inventory on Indiana Limestone Block orders.
- Huge inventory of Indiana Limestone available in all grades and colors. A reliable supply of over 10,000 Blocks on 90 acres.
- Consistent quality of our Indiana Limestone from 4,500 acres of reserves.
- Marketing materials that support the quality of Indiana Limestone to your end customer.
- Proprietary *StoneTracker,* a computerized Block & Slab inventory database.

Color

Standard Buff: Traditional Buff color ranging from cream to light brown with some veining and grain movement visible in the face and fine to medium grained stone.

Silver Buff: Clean Buff color with subtle silver colored veining in the foreground and fine to medium grained stone.

Rustic Buff: Traditional Buff color ranging from cream to light brown with visible veining in the face and medium to coarse grained stone.

Full Color Blend: A natural compilation of the full range of Buff to medium Gray shades with the same great subtle veining.

Standard Gray: Light to medium shades of Gray with some veining and grain movement visible in the face and fine to medium grained stone.

Old Gothic: Wide variation of grain density and movement from piece to piece. Within the piece, visible shells, frequent voids and pits (pea to penny size, sometimes larger), some rust, pronounced calcium beds and veining.

Grade

Select: Fine grained stone having a controlled minimum of inclusions and veining.

Standard: Average to large grained stone permitting an average amount of inclusions and veining.

Rustic: Large to coarse grained stone permitting an above average amount of inclusions and veining.

Indiana Limestone Slabs

Indiana Limestone Company provides you with the most consistent, high quality, select Indiana Limestone Slabs in the most popular sizes for immediate delivery.

Benefits

For over a century, Indiana Limestone Company has been the leading supplier of the world's finest stone to fabricators of all sizes. As a customer, you can count on these outstanding benefits when ordering your raw material from Indiana Limestone Company:

- A huge inventory of Indiana Limestone available in all grades and colors.
- Consistent quality of our Indiana Limestone from 4,500 acres of reserves.
- Marketing materials that support the quality of Indiana Limestone to your end customer.
- Proprietary *StoneTracker,* a computerized Block & Slab inventory database.

Color

Standard Buff: Traditional Buff color ranging from cream to light brown with some veining and grain movement visible in the face and fine to medium grained stone.

Silver Buff: Clean Buff color with subtle silver colored veining in the foreground and fine to medium grained stone.

Rustic Buff: Traditional Buff color ranging from cream to light brown with visible veining in the face and medium to coarse grained stone.

Full Color Blend: A natural compilation of the full range of Buff to medium Gray shades with the same great subtle veining.

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Old Gothic: Wide variation of grain density and movement from piece to piece. Within the piece, visible shells, frequent voids and pits (pea to penny size, sometimes larger), some rust, pronounced calcium beds and veining.

Grade

Select: Fine grained stone having a controlled minimum of inclusions and veining.

Standard: Average to large grained stone permitting an average amount of inclusions and veining.

Rustic: Large to coarse grained stone permitting an above average amount of inclusions and veining.

Custom Fabrication

Our comprehensive portfolio of finished goods can meet your complete project requirements in many cases. When it does not, we can refer you to a custom fabrication partner or help your preferred stone fabricator understand how easy it is to work with Indiana Limestone. Contact our sales staff for a project review and consultation.

Custom pool coping and window trim.

Commercial needs met with Indiana Limestone.

Custom pier caps and wall caps.

INDIANA LIMESTONE®

123 South College Ave. | Bloomington, IN 47404
P 800.457.4026
F 812.287.7522
www.IndianaLimestoneCompany.com