2014 Design Guide

Indiana Cut Stone

Natural. Eternal. Limestone.™

Featuring Indiana Limestone Building Veneers, Landscape Stone, Standard Products
Carving and Custom Cut Stone

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Fax (812) 275-0266

www.indystone.com
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Custom Cut Stone

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Carving

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To order or for more information call 812-275-0264 or visit: www.indystone.com
Indiana Cut Stone is located 8 miles north of Bedford, Indiana. Situated in the heart of the stone belt, our company was founded in 1997 by Indiana Limestone industry visionary and our Dad, Don Baker. Our family has deep roots in the Indiana Limestone industry and we are proud to be the leader in Limestone fabrication.

Indiana Cut Stone provides quality cut stone materials to project sites all over the United States and around the world. We combine modern technology and traditional craftsmanship to make any project a reality.

Customer satisfaction is our #1 goal and our entire team strives each day to make the order process of our products a simple and pleasant experience. From the smallest of projects to larger scale orders, we are confident that we will provide you with excellent service and the highest quality materials.
Classic Smooth Veneer

To order or for more information call 812-275-0264 or visit: www.indystone.com
Our Classic modular units are a solid, genuine natural Indiana Limestone sawn veneer. The strong, clean look of natural Indiana Limestone is ideal for commercial and fine residential structures.

MODULAR UNITS
- Made of the same naturally durable and high quality materials used in custom cut stone.
- Use a proven, time tested natural stone readily available in full-bed thickness precision cut modular units.
- Full color blend Classic Units exhibit the subtle natural color range that has become the standard of Indiana Limestone for the past 150 years.
- Indiana Limestone is the perfect complement to brick and other types of building materials.
- Available in standard sizes of 4”, 8”, 12” or 16” heights by 24” in length.

COMPETITIVELY PRICED
- A high quality 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 trim units are available to match.

CLASSIC SMOOTH

<table>
<thead>
<tr>
<th>COLOR</th>
<th>HEIGHT</th>
<th>DEPTH</th>
<th>LENGTH</th>
<th>PCS/PALLET</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCB</td>
<td>3-5/8”</td>
<td>3-5/8”</td>
<td>23-5/8”</td>
<td>120</td>
</tr>
<tr>
<td>FCB</td>
<td>7-5/8”</td>
<td>3-5/8”</td>
<td>23-5/8”</td>
<td>60</td>
</tr>
<tr>
<td>FCB</td>
<td>11-5/8”</td>
<td>3-5/8”</td>
<td>23-5/8”</td>
<td>40</td>
</tr>
<tr>
<td>FCB</td>
<td>15-5/8”</td>
<td>3-5/8”</td>
<td>23-5/8”</td>
<td>30</td>
</tr>
</tbody>
</table>

Also available in 35-5/8” length

Product Description and Packaging
- Standard grade Full Color Blend 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

To order or for more information call 812-275-0264 or visit www.indystone.com
Our Classic Split Face Modular Units are a solid, genuine natural Indiana Limestone sawn veneer. The strong, clean look of natural Indiana Limestone is ideal for commercial and fine residential structures.

**MODULAR UNITS**
- Made of the same naturally durable and high quality materials used in custom cut stone.
- Use a proven, time tested natural stone readily available in full-bed thickness precision cut modular units.
- Full color blend Classic Units exhibit the subtle natural color range that has become the standard of Indiana Limestone for the past 150 years.
- Indiana Limestone is the perfect complement to brick and other types of building materials.
- Available in standard sizes of 4”, 8”, 12” or 16” heights by 24” in length.

**COMPETITIVELY PRICED**
- A high quality 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 trim units are available to match.

### CLASSIC SPLIT FACE MODULAR UNITS

<table>
<thead>
<tr>
<th>COLOR</th>
<th>HEIGHT</th>
<th>DEPTH</th>
<th>LENGTH</th>
<th>PCS/PALLET</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCB</td>
<td>3-5/8”</td>
<td>3-5/8”</td>
<td>23-5/8”</td>
<td>120</td>
</tr>
<tr>
<td>FCB</td>
<td>7-5/8”</td>
<td>3-5/8”</td>
<td>23-5/8”</td>
<td>60</td>
</tr>
<tr>
<td>FCB</td>
<td>11-5/8”</td>
<td>3-5/8”</td>
<td>23-5/8”</td>
<td>40</td>
</tr>
</tbody>
</table>

Also available in 35-5/8” length

**Product Description and Packaging**
- Standard grade Full Color Blend material
- Split face with split or sawn back
- Tolerances:
  - Height (+/-) 1/16”
  - Length (+/-) 1/16”
  - Depth (+/-) 1/16”

- Palletized on 48” x 48” pallet

To order or for more information call **812-275-0264** or visit: [www.indystone.com](http://www.indystone.com)
Modular Unit 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 C-270 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
- Anchor ILC veneer securely to sheathing, wood framing, or masonry backing. Use galvanized iron wall ties. 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 backpainting 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.
- ICS recommends a cementitious based waterproof coating such as Thoroseal.

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.
**Windload 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 C-568 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.
Specifications for Modular Units

1. 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.

2. Stone
   General
Stone shall be modular stone veneer units 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

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"

E. Stone Trim Units
These items shall be (specify color) 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)

3. 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 noncorrosive headed dowel, headed pin, or bolt.

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

4. Mortar
Setting mortar shall be ASTM C-270 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.

5. 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 soil and soil splash.

6. 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 rinsing with clear water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Indiana Cut Stone
Natural. Eternal. Limestone.

To order or for more information call 812-275-0264 or visit: www.indystone.com
Classic Split Face Indiana Limestone

To order or for more information call 812-275-0264 or visit: www.indystone.com

Indiana Cut Stone
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To order or for more information call 812-275-0264 or visit: www.indystone.com
Classic Split Face Indiana Limestone

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

**Beauty and Durability**
- Split Face 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 full color blend Indiana Limestone exhibits the beauty of the subtle color and grain variations in the natural stone.
- Split Face adds a sense of permanence and lasting value to any commercial or residential project.

**Competitive Installed 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.
- Split Face is palletized packaged ready-to-set, and lengths are easily trimmed in the field for corner, door, and window openings.

**Trim and Accent**
- A full line of standard and custom transitional trim and accent units are available to match the full color range of split face veneer.

**Product Description and Packaging**
- Mill run material in Full Color Blend or Silver Buff
- Split face with split or sawn back
- Minimum one sawn end on each piece
- Tolerances:
  - Height (+/-) 1/16”
  - Length (random)
  - Depth (varies with finish)
- Supplied in Random Lengths from 24” to 40”
- Palletized on 28” runners

**Split Face 3 and 4 Course Height**

<table>
<thead>
<tr>
<th>Color</th>
<th>Height</th>
<th>Depth</th>
<th>Length</th>
<th>Pcs/Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCB</td>
<td>2-1/4”</td>
<td>3-5/8”</td>
<td>24-40”</td>
<td>105</td>
</tr>
<tr>
<td>FCB</td>
<td>5”</td>
<td>3-5/8”</td>
<td>24-40”</td>
<td>49</td>
</tr>
<tr>
<td>FCB</td>
<td>7-3/4”</td>
<td>3-5/8”</td>
<td>24-40”</td>
<td>35</td>
</tr>
<tr>
<td>FCB</td>
<td>10-1/2”</td>
<td>3-5/8”</td>
<td>24-40”</td>
<td>18</td>
</tr>
<tr>
<td>Buff</td>
<td>2-1/4”</td>
<td>3-5/8”</td>
<td>24-40”</td>
<td>105</td>
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<tr>
<td>Buff</td>
<td>5”</td>
<td>3-5/8”</td>
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<td>18</td>
</tr>
</tbody>
</table>

**Also available in Thin Veneer Flats & Corners**

To order or for more information call 812-275-0264 or visit: www.indystone.com
**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 C-270 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**

- Anchor ILC veneer securely to sheathing, wood framing, or masonry backing. Use galvanized iron wall ties. 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 backpainting 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.
- ICS recommends a cementitious based waterproof coating such as Thoroseal.

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

**Abrasion Resistance**

When used in flooring, paving, or steps, the abrasion resistance should be specified.

**Properties of Indiana Limestone**

**Abrasion Resistance**

- 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.
Split Face Specifications

1. 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.

2. Stone
   A. General
   Stone shall be Split Face 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 Buff or Full Color Blend.
   C. Finish
   The face surface of the stone shall be split.
   D. Dimensions
   1. Bed thickness shall vary between 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 between 24” to 40”, and shall be jointed at the job to lengths conforming to approved jointing pattern.
   E. Stone Trim Units.
   These items shall be (specify color) 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)

3. Setting stonework
   A. Stone shall be set in strict accordance with approved profile and jointing pattern. Joints shall be 1/2” wide for Berkshire and 3/8” wide for trim.
   B. Stone shall be anchored with non-corrosive wall ties spaced not over 18” horizontally and 24” vertically.

4. Mortar
   Setting mortar shall be ASTM C-270 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.

5. 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 soil and soil splash.

6. 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 rinsing with clear water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Notes on Split Face limestone veneer:
Split Face is defined as “Semi-Dimensional” having exact course heights, varying bed thickness, and furnished in random lengths for jobsite fitting. These products are used to best advantage when the variations of grain and natural characteristics are allowed to complement the stone color and jointing pattern. When Split Face 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 two stones the same height be placed end to end.

To order or for more information call 812-275-0264 or visit: www.indystone.com
Classic Tumbled Indiana Limestone

To order or for more information call 812-275-0264 or visit: www.indystone.com
Classic Tumbled Indiana Limestone

Tumbled Indiana Limestone 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
- Tumbled Indiana Limestone 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
- Tumbled Indiana Limestone offers the same durability and endurance as other classic Indiana Limestone Buildings such as the Empire State Building, National Cathedral, and Biltmore Estate.
- Compared to non-masonry options and cast stone, Tumbled Indiana Limestone 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, Tumbled Indiana Limestone 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 enhances any residential or commercial architectural style.

Also available in Thin Veneer Flats & Corners

<table>
<thead>
<tr>
<th>TUMBLED INDIANA LIMESTONE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Heights</strong></td>
</tr>
<tr>
<td>2”</td>
</tr>
<tr>
<td>3”</td>
</tr>
<tr>
<td>4”</td>
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<tr>
<td>5”</td>
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<td>10”</td>
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<tr>
<td>11”</td>
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<tr>
<td>12”</td>
</tr>
</tbody>
</table>

Product Description and Packaging
- Even mix of Mill Run Buff and Gray
- Split front, back, and ends
- Sawn top and bottom
- Lightly tumbled
- Tolerances
  - Height (varies)
  - Depth (varies with finish)
  - Length (varies)
- Palletized on a 48” x 48” pallet and wrapped in plastic

Indiana Cut Stone

To order or for more information call **812-275-0264** or visit: **www.indystone.com**
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 C-270 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
- Anchor ILC veneer securely to sheathing, wood framing, or masonry backing. Use galvanized iron wall ties. 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 backpainting 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.
- ICS recommends a cementitious based waterproof coating such as Thoroseal.

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.
**Windload and other bending forces are typically calculated at 1,000 psi for modulus of rapture.

NOTE: All Indiana Limestone meets or exceeds the strength requirements set forth in ASTM C-568 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.
Tumbled Indiana Limestone Specifications

1. 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.

2. Stone
A. General
Stone shall be Tumbled 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.
C. Finish
The face surface of the stone shall be split.
D. Dimensions
1. Bed thickness shall vary between 3” and 4”.
2. Course heights shall be furnished from 2” to 12”.
3. Stone lengths shall be random, varying between 4” to 8”, and shall be jointed at the job to lengths conforming to approved jointing pattern.
E. Stone Trim Units.
These items shall be (specify color) 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)

3. Setting stonework
A. Stone shall be set in strict accordance with approved profile and jointing pattern. Joints shall be 1/2” wide for Tumbled Indiana Limestone and 3/8” wide for trim.
B. Stone shall be anchored with non-corrosive wall ties spaced not over 18” horizontally and 24” vertically.

4. Mortar
Setting mortar shall be ASTM C-270 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.

5. 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 soil and soil splash.

6. 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 rinsing with clear water. Use no acids without prior approval. Protect stonework from rundown or splash when using acid on adjacent materials.

Notes on Tumbled limestone veneer:
Tumbled is defined as “Semi-Dimensional” having exact course heights, varying bed thickness, and furnished in random lengths for jobsite fitting. These products are used to best advantage when the variations of grain and natural characteristics are allowed to complement the stone color and jointing pattern.
When Split Face 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 two stones the same height be placed end to end.

To order or for more information call 812-275-0264 or visit: www.indystone.com
Outdoor Living & Landscaping

To order or for more information call 812-275-0264 or visit: www.indystone.com
Classic Pool Trim
Genuine natural Limestone Pool Coping is the perfect finish to a pool. Durable and cool to the touch, few materials are as versatile, consistent, and naturally beautiful. Our Pool Coping is easily trimmed to fit in the field and tough enough to stand the test of time. Produced in a standard thickness of 2-1/4” or 3”, widths of 12” or 16”, and standard lengths of 4’. Custom sizes also available.

Pool Coping Installation & Technical Guide
Delivery, Storage and Handling
- Pool Coping should be unloaded and handled carefully to prevent excess 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 excess 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 Type N Masonry Cement is highly recommended for the setting bed cement mix. White Cement does not contain the chemicals that when activated by water can cause unsightly staining. Typical fine sand will be adequate for the cement mix. A setting bed depth of 1” to 1-1/2” is recommended.

Pooling 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). 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 to pool wall/foundation, 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 pool coping.

Please Note: Some installations may require review by an engineering professional to determine proper anchorage.

Cleaning
- After mortar has set, the pool coping 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, Performance Table
- Indiana Limestone complies with the requirements of ASTM C-568, Type II, Medium density limestone.

To order or for more information call 812-275-0264 or visit: www.indystone.com
Pavers

Natural beauty, cool to the touch.
Unlike other pavers, the color and composition of Indiana Limestone pavers will stay cool to the feet in the summer sun.
Many patterns of Indiana Limestone pavers can be produced from our 11 standard sizes. These sizes range from 12” × 12” to 24” × 36”. Custom sizes available. Indiana Limestone pavers are available in the natural full color range of Indiana Limestone.

Pavers Installation & Technical Guide

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 when activated by water can cause unsightly staining. Typical fine sand will be adequate for the cement mix. A setting bed depth of 1” to 1-1/2” is recommended.
- The concrete slab should be cured, and 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). For an even more water repellent joint, the use of Urethane/Polyurethane sealant is recommended.

Waterproofing the Stone
- Alternatively, a cementitious based waterproofing could be applied to the backs and all unexposed sides of the stones to protect the stones from moisture sources and thereby prevent staining where a standard 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 gravelled 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.

Paver Sizing

<table>
<thead>
<tr>
<th>Color</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>FCB</td>
<td>1.5” × 11-5/8” × 11-5/8”</td>
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<tr>
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<td>1.5” × 11-5/8” × 17-5/8”</td>
<td>75</td>
</tr>
<tr>
<td>FCB</td>
<td>1.5” × 11-5/8” × 23-5/8”</td>
<td>50</td>
</tr>
<tr>
<td>FCB</td>
<td>1.5” × 11-5/8” × 35-5/8”</td>
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<td>FCB</td>
<td>1.5” × 17-5/8” × 17-5/8”</td>
<td>60</td>
</tr>
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<td>FCB</td>
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<td>50</td>
</tr>
<tr>
<td>FCB</td>
<td>1.5” × 17-5/8” × 29-5/9”</td>
<td>25</td>
</tr>
<tr>
<td>FCB</td>
<td>1.5” × 17-5/8” × 35-5/8”</td>
<td>25</td>
</tr>
<tr>
<td>FCB</td>
<td>1.5” × 23-5/8” × 23-5/8”</td>
<td>38</td>
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<td>FCB</td>
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<td>25</td>
</tr>
<tr>
<td>FCB</td>
<td>1.5” × 23-5/8” × 35-5/8”</td>
<td>25</td>
</tr>
</tbody>
</table>

Also available in 2” thickness.

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. 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 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.

To order or for more information call 812-275-0264 or visit: www.indystone.com
Flagstone Paver Patterns
As you plan your next project using natural Indiana Limestone flagstone pavers, we have provided some suggested pattern layouts. Each pattern represents 100 sq. ft. of Pavers. These are the more common layout patterns that many architects, builders, and homeowners use. Let these be a starting point as you use your creativity in designing an Indiana Limestone Landscape Stone project.
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 Cut Stone treads have been used extensively as step treads, mantels, hearths, and copings. Indiana Limestone Company treads create that classic complement for every architectural design.

**Durable, Fine-grained Limestone**

Indiana Cut Stone treads are produced from the same quality raw material used in thousands of institutional cut stone projects. Our limestone treads are made from our most durable and fine-grained gray limestone.

**Popular Sizes**

Indiana Limestone Company treads are available in a standard thickness of 2”, with widths from 6” to 24”, and lengths to 10’. Our limestone treads come packaged in a bundle of 14 pieces stacked on edge for easy unloading.

**Installation & Technical Guide**

**Delivery, Storage, and Handling**

- Indiana Cut Stone Treads should be unloaded and handled carefully to prevent excess 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 gravelled or chipped for protection against mud splatters.
- Product should be handled carefully to avoid excess 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 Type N Masonry Cement is highly recommended for the setting bed cement mix. White Cement does not contain the chemicals that when activated by water can cause unsightly staining. 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 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 treads.

**Cleaning**

- After mortar has set, the treads 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, Performance Table**

- Indiana Limestone complies with the requirements of ASTM C-568, Type II, Medium density limestone.

<table>
<thead>
<tr>
<th>Color</th>
<th>Height</th>
<th>Depth</th>
<th>Length</th>
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<td>2”</td>
<td>6”</td>
<td>3’ - 8’</td>
<td>14</td>
</tr>
<tr>
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<td>2”</td>
<td>8”</td>
<td>3’ - 8’</td>
<td>14</td>
</tr>
<tr>
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<td>10”</td>
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<td>12”</td>
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</tr>
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<td>Grey</td>
<td>2”</td>
<td>24”</td>
<td>3’ - 8’</td>
<td>14</td>
</tr>
</tbody>
</table>

To order or for more information call 812-275-0264 or visit: www.indystone.com
The skilled professionals and artisans of Indiana Cut Stone are dedicated to making your project a success. Every single thing we do throughout the day has one goal - to ensure your project has the most beautiful cut and dressed Indiana Limestone that has ever been produced.

It is the people of Indiana Cut Stone that have created and maintained our proud position as the leading fabricator of the Indiana Limestone industry.

Indiana Cut Stone specializes in all types of Commercial, Residential, Municipal, Collegiate and Religious projects.
Carving

Indiana Cut Stone is heralded worldwide for our expertise with custom, hand carved limestone sculpture, accents and monuments.

We have a team of skilled artisans with decades of experience hand crafting Indiana Limestone into either beautiful works of art or as replacement pieces for existing stone on restoration projects. Our highly skilled stone carvers set the standard in the Indiana Limestone industry for professionalism, design and amazing execution.

When your next residential or commercial construction project includes the need for expertly crafted, hand carved Indiana Limestone there is only one logical choice - Indiana Cut Stone.

To order or for more information call 812-275-0264 or visit: www.indystone.com
Genuine Indiana Limestone Trim and Accent stone adds a natural and innovative finishing touch for your residential or commercial projects. Our specification guide will assist you with information for the appropriate selection of trim products from headers to sills.

- Keystones
- Quoins
- Sills
- Door Surrounds
- Window Surrounds
- Caps

To order or for more information call 812-275-0264 or visit: www.indystone.com