Create stunning landscapes with the AB Collection's classic cut stone look. With a varied combination of shapes, textures, and colors, building impressive landscape walls is easy. Using the blocks individually or blending them together to create AB-Align Blend patterns, promises to give outstanding results.

The AB Europa Collection offers an infinite variety of ways to successfully capture the rich, hand-laid stone effect. Use one block or a combination of the blocks to bring Old World charm and distinction to any landscape project.

The AB Fence System combines the benefits of mortarless technology with the time proven performance of reinforced concrete. The AB Fence Blocks are split-faced on one side and striated on the other to provide an architectural finish on both sides. By using the blocks together, you can build beautiful patterned walls, by reversing the split-faced and striated finish, you can add another effect to the pattern.

Tips for Building Patterned Walls or Fence Panels:

- Patterned walls may be ended with drop-downs or turn-ins. When ending a patterned wall, you will need to modify the pattern and randomly adjust it as necessary to create the desired look.

- Pattern Style
  - Reverse the blocks in the pattern for another type of style, randomness and texture.
  - Pattern Placing
    - Use a single course pattern above and below the horizontal steel at all bond beam locations.

- Pattern Cord Endings
  - Randomize the pattern at each end of the panel to fit into the structural post.

For the latest information, additional patterns, detailed installation, estimating tools, videos and much more visit our website at allanblock.com.

Have a tablet or smart phone? Download our AB Estimating App or our Install guides in eBooks.
If an AB Fence Half Lite Panel block is not available, cut an AB Fence Lite Panel block in half.

Collection, check your approved plans for geogrid placement or offsetting each pattern section as it is installed to help when working with the AB Collection or the AB Europa Collection. Reinforcement grid is typically required on every other course, so using the 2 course pattern is required. When using a random pattern on a reinforced wall, a level is allowed for this. See the AB Fence Installation Guide for additional patterns and information when working with bond beams.

For the latest information, additional patterns and installation details, visit our website at allanblock.com

** Note:**

- If building an AB Fence project, check your approved plans for bond beam location and use the appropriate patterns to complete the wall.
- You will need 7 full size blocks; AB Classic for wall projects and AB Fence Panel Blocks for AB Fence. If using AB Caps on the project you will also need for each 10 ft. (3.0 m) of wall or panel length 7 AB Caps.

Wall Patterns

- AB Collection
  - AB Junior Jumbo
  - AB Junior Lite
  - AB Lite Stone
  - AB Panel Blocks

- AB Europa Collection
  - AB Dover
  - AB Barcelona
  - AB Palermo

- AB Fence
  - Half Panel Blocks
  - Lite Panel Blocks

Patterns are 10 ft. sections (3 m)

Wall Pattern Examples

2.5 ft. (0.8 m) Tall Gravity Wall Can only be built in sandy soil with a level slope.

If building an AB Fence project, check your approved plans for bond beam location and use the appropriate patterns to complete the wall.

For the latest information, additional patterns and installation details, visit our website at allanblock.com

Blocks Required per Pattern Section:

- AB Collection
  - AB Junior Jumbo
  - AB Junior Lite
  - AB Lite Stone
  - AB Panel Blocks

- AB Europa Collection
  - AB Dover
  - AB Barcelona
  - AB Palermo

- AB Fence
  - Half Panel Blocks
  - Lite Panel Blocks

Patterns Descriptions and Examples

1 course pattern - Approximately 8 ft. (2.4 m) high - the height of a full-size block. Use to finish off the top of a wall or fence projects where taller patterns do not work. When bond beams are needed in projects, this is the pattern to use.

2 course pattern - Approximately 16 ft. (4.8 m) high. The 2 course pattern is required. The used in the pattern mimics cutting and filling and is the correct pattern height to accommodate grid when required.

3 course pattern - Approximately 24 ft. (7.2 m) high. This pattern should only be used on straight wall applications. It can be used along with other patterns of the top of the wall project, where reinforcement is not required. It is a good pattern to use in all AB Fence projects between the corn bids.

Wall Pattern Examples

2.5 ft. (0.8 m) Tall Gravity Wall Can only be built in sandy soil with a level slope.

Wall Rock used for base material, block cores and 12 in. (300 mm) behind the wall. The base material is placed in a trench 9 in. D x 24 in. W x 10 ft. L (230 mm D x 610 mm W x 3 m L). Refill with AC 100 P in a bag will add 100 sq ft (9.3 m sq) to the height the wall.

3 course pattern

- AB Collection
  - AB Junior Jumbo
  - AB Junior Lite
  - AB Lite Stone
  - AB Panel Blocks
- AB Europa Collection
  - AB Dover
  - AB Barcelona
  - AB Palermo

- AB Fence
  - Half Panel Blocks
  - Lite Panel Blocks

- Reinforcement Grid as needed for the project

Walls

- No bond beam required
- Use to finish off the top of a wall or fence projects where taller patterns do not work. When bond beams are needed in projects, this is the pattern to use.

- 1 course pattern - Approximately 8 ft. (2.4 m) high - the height of a full-size block. Use to finish off the top of a wall or fence projects where taller patterns do not work. When bond beams are needed in projects, this is the pattern to use.

- 2 course pattern - Approximately 16 ft. (4.8 m) high. The 2 course pattern is required. The used in the pattern mimics cutting and filling and is the correct pattern height to accommodate grid when required.

- 3 course pattern - Approximately 24 ft. (7.2 m) high. This pattern should only be used on straight wall applications. It can be used along with other patterns of the top of the wall project, where reinforcement is not required. It is a good pattern to use in all AB Fence projects between the corn bids.

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This project uses two 2 course patterns to complete the wall.

This project uses two 2 course patterns to complete the wall.
**Wall Patterns**

Allan Block has created patterns that can be used with any of our retaining wall collections as well as our A B Fence product. Our different sized blocks are made to fit together to form beautiful patterned walls that add curb appeal to any project.

To assist in block selecting and to ease the construction process there are pre-set patterns available. These patterns can be used repeatedly throughout the project by reversing or offsetting each pattern section as it is installed to help give the project a more random look.

When working with the A B Collection on the A B Europa Collection - check your approved plans for geogrid placement. Reinforcement grid is typically required on every other course, or using the 2 course pattern is required. When using cradles on an offset wall, a level surface is required on every other course for proper grid installation. See our Landscape Walls guide for more information and installation details.

If building an A B Fence project, check your approved plans for bond beam location and use the appropriate patterns to allow for this. See the A B Fence Installation guide for additional patterns and information when working with bond beams. For the latest information, additional patterns and installation details, visit our website at allanblock.com.

### Blocks Required per Pattern Section

<table>
<thead>
<tr>
<th>Pattern</th>
<th>A B Collection</th>
<th>A B Europa Collection</th>
<th>A B Fence Collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 course</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2 course</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3 course</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: The base course of any wall or fence project needs to be full size blocks. The above block counts are for the pattern section and do not include additional blocks for the base course. You will need to also include for each 10 ft. (3 m) of wall or fence panel length you will need 7 full size blocks. A B Fence or A B Classic wall projects and A B Fence Panels both for A B Fence. If using A B Caps on the project you will also need for each 10 ft. (3 m) of wall or panel length 7 A B Caps.

### Wall Pattern Examples

#### 2.5 ft (0.8 m) Tall Gravity Wall

*Can only be built in sandy soil with a level slope.*

<table>
<thead>
<tr>
<th>Pattern</th>
<th>A B Collection</th>
<th>A B Europa Collection</th>
<th>A B Fence Collection</th>
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</tr>
<tr>
<td>3 course</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Wall blocks used for base material block sizes and 2 ½ ft. (300 mm) behind the wall. The base material is closed in placing in a trench 10 ft. (3 m) wide x 2 ½ ft. (300 mm) deep x 10 ft. (3 m) long. Geogrid between patterns as needed. Next course is 10 ft. (3 m) length.

Rolling with an A B C ap will add 10 in. (250 mm) to the height.

#### 4.5 ft (1.4 m) Reinforced Wall

*Can be built in sandy or clay soils.*

<table>
<thead>
<tr>
<th>Pattern</th>
<th>A B Collection</th>
<th>A B Europa Collection</th>
<th>A B Fence Collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 course</td>
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</tr>
<tr>
<td>2 course</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3 course</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Wall blocks used for base material block sizes and 4.5 ft. (1400 mm) behind the wall. The base material is closed in placing in a trench 10 ft. (3 m) wide x 4.5 ft. (1400 mm) deep x 10 ft. (3 m) long. Geogrid between patterns as needed. Next course is 10 ft. (3 m) length.

Rolling with an A B C ap will add 10 in. (250 mm) to the height.

### A B Fence Pattern Examples

#### 6 ft (1.8 m) Tall Fence Panel with cap

<table>
<thead>
<tr>
<th>Pattern</th>
<th>A B Collection</th>
<th>A B Europa Collection</th>
<th>A B Fence Collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 course</td>
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</tr>
<tr>
<td>3 course</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

A B Fence pattern generates a 7 full size blocks pattern with 2 additional bond beam locations at the top and bottom of the panel. Quantity shown does not include materials needed for the bond blocks. See the A B Fence Installation guide for more information.

### Pattern Descriptions and Examples

1. **course pattern**  
   Approximately 8 ft. (2400 mm) high - the height of a full size block. Use to finish off the top of a wall or fence projects where taller patterns do not work. When bond beams are needed in fence projects, this is the pattern to use.

2. **course pattern**  
   Approximately 4 ft. (1200 mm) high. This pattern is used to form a straight or curved wall pattern. The use of the pattern minimizes cutting and fitting and is the correct pattern height to accommodate grid when required.

3. **course pattern**  
   Approximately 24 in. (600 mm) high. This pattern should only be used on straight wall applications. It can be used along with other patterns of the top of the wall project where reinforcement is not required. It is a good pattern to use in A B fence projects between the 2 bond beams.

### Example Projects

- **The project uses 4 2 course patterns to the top of the wall.**
- **The project uses two 2 course patterns to complete the wall.**
- **This project uses two 2 course patterns to complete the wall.**
- **This project uses a 2 course and a 3 course pattern to complete the wall.**
If an AB Fence Half Lite Panel block is not available, cut an AB Fence Lite Panel block in half. This will give the project a more random look.

When working with the AB Collection or the AB Europa collection, reinforcement grid is typically required on every course. Level installation. See our Landscape Walls guide for more information and installation details.

If building an AB Fence project, check your approved plans for bond beam location and use the appropriate patterns to allow for this. See the AB Fence Installation guide for additional patterns and information when working with bond beams.

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Wall Patterns

Allan Block has created patterns that can be used with any of our retaining wall collections as well as our AB Fence product. Our different sized blocks are made to fit together to form beautiful patterns that add value to any project.

To assist in visualizing and to ease the construction process there are preset patterns available. These patterns can be used repeatedly throughout the project by repeating or offsetting each pattern section as it is installed to help give the project a more random look.

When working with the AB Collection on the AB Europa Collection, check your approved plans for ganged placement. Reinforcement grid is typically required on every other course, or using the 3 course pattern is required. When using coramid or on overhead wall, a level surface is required on every other course for proper grid installation. See our Landscape Walls guide for more information and installation details.

If building an AB Fence project, check your approved plans for bond beam location and use the appropriate patterns to allow for this. See the AB Fence Installation guide for additional patterns and information when working with bond beams.

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Blocks Required per Pattern Section

Wall Pattern Examples

2.5 ft (0.8 m) Tall Gravity Wall

Can only be built in sandy soil with a level slope.

Wall Rock used for base material. block size and/or (30") (762 mm) behind the wall. The base material is closed or placed in a trench (30") (762 mm) wall to level the ground (30") (30") x 10") (254 mm) x 3") (76.2 mm) deep. See the AB Fence Installation guide for additional patterns and information when working with bond beams.

Rusting with an AB Cap will add it to the height of the wall.

4.5 ft (1.4 m) Reinforced Wall

Can be built in sandy or clay soils.

Wall Rock used for base material. block size and/or (30") (762 mm) behind the wall. The base material is closed or placed in a trench (30") (762 mm) wall to level the ground (30") (30") x 10") (254 mm) x 3") (76.2 mm) deep. See the AB Fence Installation guide for additional patterns and information when working with bond beams.

Rusting with an AB Cap will add it to the height of the wall.

6 ft (1.8 m) Tall Fence Panel with cap

This project uses four 2 course patterns to the top of the wall.

This project uses two 2 course patterns to the top of the wall.
The Allan Block Collections

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The Allan Fence System combines the benefits of mortarless technology with the time-proven performance of reinforced concrete. The Allan Fence Blocks are split-faced on one side and striated on the other side to provide an architectural finish on both sides. By using the blocks together, you can build beautiful patterned walls, by reversing the split-faced and striated finish, you can add another effect to the pattern.

Tips for Building Patterned Walls or Fence Panels

Patterns

Patterned walls may require a certain level of detail and craftsmanship to construct. Some custom fitting of blocks will be required. Plan on taking a little extra time to build, particularly when building one for the first time.

Cutting Blocks

- When building patterned projects, an Allan Junior Lite (Allan Collection) or an Allan Half Lite Panel (Allan Fence) will be needed. If these blocks are not available, half-high, full-length blocks that are available, will need to be cut in half to create these smaller blocks. For wall projects, cut on an AllLite Stone and for all fence projects cut on an AllLite Panel Block. To help speed installation, pre-cut the desired number of blocks at the start of the project. Remember to follow saw manufacturer guidelines and wear protective safety glasses and mask when cutting concrete.

Combining Patterns

- Depending on the height and conditions, grid or bond beam placement of the project, you can combine the patterns to achieve the desired height. As an example, for a project 4 ft (1.2 m) tall, 4 courses of blocks that requires 2 layers of geogrid, install two - 2 course patterns on the base course and 1 course pattern on the top of the wall. Install geogrid on top of the base course and after the first pattern. See Wall Pattern Examples.

Cutting Blocks

- When building a patterned project, an Allan Lite Stone (Allan Collection) or an Allan Half Lite Panel Block (Allan Fence) will be needed. If these blocks are not available, half-high, full-length blocks that are available, will need to be cut in half to create these smaller blocks. For wall projects, cut on an AllLite Stone and for all fence projects cut on an AllLite Panel Block. To help speed installation, pre-cut the desired number of blocks at the start of the project. Remember to follow saw manufacturer guidelines and wear protective safety glasses and mask when cutting concrete.

Forming Patterns

- Offset each new pattern from the pattern below to maintain the "random" appearance.

Patterned Fence Panels Only

Pattern Style

- Reverse the blocks in the pattern for another type of style, randomness and texture.

Pattern Placement

- Use a single course pattern above and below the horizontal steel at all bond beam locations.

Ending Panels

- Randomize the pattern at each end of the panel to fit into the structural post.

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The Allan Block products are so versatile that you can blend the different sized blocks together to create projects with beautiful curb appeal.

Use Allan Block for your next retaining wall or fence/landscaping project for amazing results.