

Wall Pattern Examples

The following are examples showing patterns for standard heights that will work with site and soil conditions.

Gravity Wall - 32 in. tall

Can only be built in sandy soil with a level slope. Use in projects where no reinforcement is needed and the project is straight walls.

Site Considerations



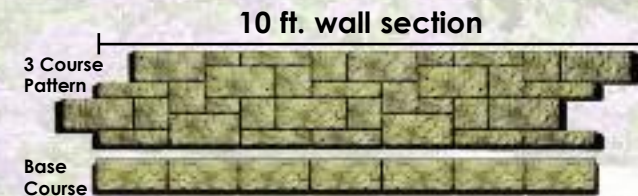
Level

AB Europa Collection

17 AB Dover (including base)
10 AB Palermo
10 AB Barcelona
4 AB Bordeaux
7 Caps sets (optional/not shown)
46 ft³ Wall Rock
10 ft. Drain Pipe

AB Collection

17 AB Classic (including base)
10 AB Jumbo Junior
10 AB Lite Stone
4 AB Junior Lite
7 Caps (optional/not shown)
49 ft³ Wall Rock
10 ft. Drain Pipe



Wall Rock is based on a trench 9 in. D x 24 in. W x 10 ft. L, for base material, block cores and behind the wall 12 in. Adding a cap to the top of the wall will add 4 in. to height.

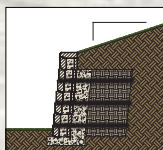
Reinforced Wall - 64 in. tall

Can be built in sandy or clay soils in all of the site conditions shown.

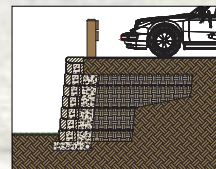
Site Considerations



Level



Slope 3:1



Surcharge 125 psf

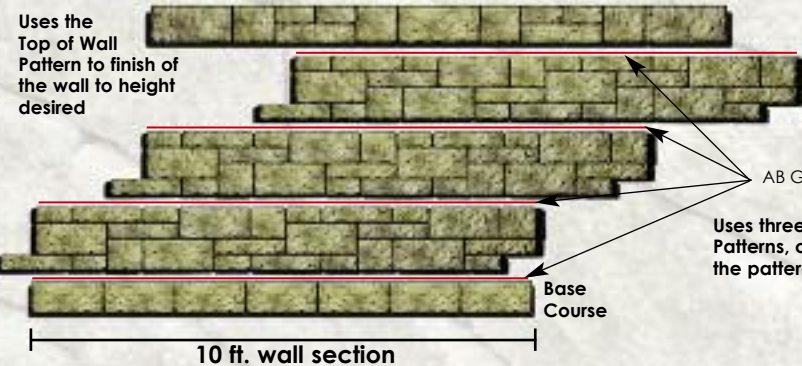
AB Europa Collection

28 AB Dover (including base)
16 AB Palermo
26 AB Barcelona
28 AB Bordeaux
7 Caps sets (optional/not shown)
81 ft³ Wall Rock
10 ft. Drain Pipe
40 ft AB Grid 4 ft wide

AB Collection

28 AB Classic (including base)
16 AB Jumbo Junior
26 AB Lite Stone
28 AB Junior Lite
7 Caps (optional/not shown)
85 ft³ Wall Rock
10 ft. Drain Pipe
40 ft AB Grid 4 ft wide

Wall Rock is based on a trench 11 in. D x 24 in. W x 10 ft. L, for base material, block cores and behind the wall 12 in. Adding a cap to the top of the wall will add 4 in. to height.



Uses the Top of Wall Pattern to finish of the wall to height desired

AB Grid

Uses three 2 Course Patterns, offset from the pattern below

Manufactured by:

Distributed by:

CALSTONE

Because Quality Matters



allanblock.com

For more information visit allanblock.com

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Taiwan Pat. #NI-72269 Japan Pat. #3,142,107 Int'l & other patents pending DOC. #L0617 - 1010
Calstone Version 8

CALSTONE LANDSCAPE Lifestyles



allanblock.com

CREATIVE
IDEAS
from
ALLAN BLOCK



Manufactured by:

CALSTONE

Because Quality Matters

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Welcome Home

For over fifteen years Allan Block has been helping landscape professionals and homeowners build their Landscape Dreams.

Ideas can help you envision and achieve the landscape that fits your **Lifestyle**.

Whether you are building your **Dream Home** or improving your current surroundings, you can trust **Allan Block®**.

The distinctive products and the experienced people can make your **Vision** a reality.



Designing landscape walls for beauty and **Performance** has never been easier.



Let one of our certified contractors **Create** a landscape that brings you the right look, the right feel, and the right **Style** for your home.

Want to do-it-yourself? You can feel **Confident** that support is available as you plan, design and build your Allan Block wall.



In Harmony With Nature



Relax in the comfort and natural beauty of an Allan Block landscape.



Beautiful Landscapes Made Easy by Design.

Performance & Style



AB® Collection



AB® Collection



AB® Collection

Experience Outdoor Living

Realizing your vision in

outdoor living can be easier than you think.



AB® Collection



AB Europa® Collection

Escape to the Outdoors



From light landscaping to major structural walls, the Allan Block family of products will cover your landscape. Design with fluid curves or strong straight lines. Add corners and stairway details, change the color, shape or size. Allan Block gives you **unlimited design options**.



Add a Whole New Dimension to Your Landscape!

Unlimited Design Options



Stairs can be easily designed with **flowing curves**. The simplest stair designs are built using curves and require no special skills or cutting of block. Allan Blocks patented front lip provides a built-in edging that works well with AB Coastones, pavers, poured concrete, crushed rock, mulches and flagstone.



Easy To Use Allan Block®.

Enhance Your Outdoor Living Area



Using Allan Block's
Full Product Line
landscape
professionals
can easily construct
flowing designs.
They can develop
plans to incorporate
your **Lifestyle** needs
and design
landscapes
that add **Value** for
years to come.

Build Lasting Value.

Define The Structure And Character



Allan Block® walls define the structure and character of the landscape. Should you choose **soft curved walls** or classic straight walls, Allan Block has the system to satisfy every design.

Allan Block® has the System to Satisfy Every Design.

Create a Backyard Oasis



Long day of work?
Escape the daily grind without leaving the comfort of your own home.

Create your perfect
Getaway, put your feet up and find
Serenity with
Allan Block.

Relax in the comfort and
natural beauty of an
Allan Block landscape.



allanblock.com

Beautiful Landscapes Made Easy By Design

Old World Antique

AB EUROPA[®] COLLECTION

Combine the warmth of a Spanish Villa, the charm of an old English Square, and the elegance of the French Quarter.

The AB Europa Collection, a stunning look in landscape.

Use the block's individually or blend them together to create an outstanding look.



Tan Charcoal



Brown Charcoal



Gold Brown

AB Europa Collection colors available from Calstone.

Reproducing the look and feel of Natural stone, Calstone strives to create random fractures, chips, scratches, broken edges and corners, in the manufacturing of our AB Europa product line.

Every effort has been made to accurately represent the colors. However, the colors may vary slightly due to the concrete manufacturing process or this printing process. We recommend viewing actual color samples as you make your color selection.



AB EUROPA[®] COLLECTION



AB Dover
6" setback
60 lbs.

1.0 sq ft coverage (approx.)
8 in H x 12 in. D x 18 in. L



AB Barcelona
6" setback
35 lbs.

0.5 sq ft coverage (approx.)
4 in H x 12 in. D x 18 in. L



AB Palermo
6" setback
30 lbs.

0.5 sq ft coverage (approx.)
8 in H x 10 in. D x 9 in. L



AB Bordeaux
6" setback
18 lbs.

0.25 sq ft coverage (approx.)
4 in H x 12 in. D x 9 in. L

AB Europa Capstones
4 in H x 12 in. D x 7 in. L - 22 lbs



4 in H x 12 in. D x 10 in. L - 26 lbs

Note: For AB Europa walls 7 sets of caps are needed for each 10 ft of wall section.

Contact your local Allan Black dealer for exact specifications.

A Unique Blend of Shapes that Create Old World Landscapes.

Classic Cut Stone

AB[®] COLLECTION

Chiseled from nature's quarries. The strong lines and rough hewn texture of the AB Collection make any landscape a classic. Use the block's individually or blend them together to create stunning landscapes.



AB Collection colors available from Calstone

Every effort has been made to accurately represent the colors. However, the colors may vary slightly due to the concrete manufacturing process or this printing process. We recommend viewing actual color samples as you make your color selection.



AB[®] COLLECTION

Contact your local Allan Block dealer for exact specifications.



AB Stones
12" setback
60 lbs.

1.0 sq ft coverage (approx.)
8 in H x 12 in. D x 18 in. L



AB Classic
8" setback
60 lbs.

1.0 sq ft coverage (approx.)
8 in H x 12 in. D x 18 in. L



AB Rocks
6" setback
65 lbs.

1.0 sq ft coverage (approx.)
8 in H x 12 in. D x 18 in. L



AB Jumbo Jr.
6" setback
30 lbs.

0.5 sq ft coverage (approx.)
8 in H x 10 in. D x 8.5 in. L



AB Lite Stones
6" setback
35 lbs.

0.5 sq ft coverage (approx.)
4 in H x 12 in. D x 18 in. L



AB Junior Lite
6" setback
18 lbs.

0.25 sq ft coverage (approx.)
4 in H x 12 in. D x 9 in. L

AB Capstone

4 in H x 12 in. D x 18 in. L - 50 lbs



Beauty, Integrity, Performance

Allan Block® Makes It Easy!

Every Allan Block is made from **Durable** high strength concrete. Unlike treated wood, Allan Blocks won't rot, decay or leach harmful chemicals into the ground.

Quality in every block.

AB Reinforcement Grid™ is the economical and easy solution for reinforcing walls up to 6 ft. high.



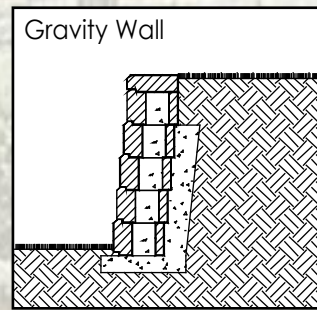
For the complete library of Allan Block literature, design ideas, installation videos and more, visit allanblock.com.

Does your wall need reinforcement?

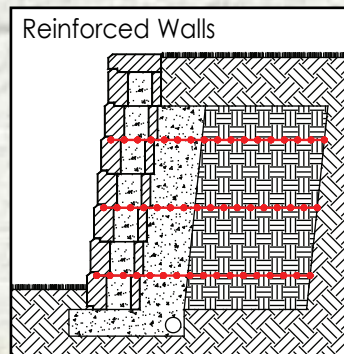
Conditions above and behind the wall will determine how high the wall can go before reinforcement is needed. Use the chart below to find the maximum height you can build a gravity wall before reinforcement is required. **Walls may require a building permit and engineering, check with your local municipality before starting construction.**

Ask about Calstones Free Standardized Engineering that is available for some walls up to 6 ft high. Contact your local dealer for more information.

Gravity Walls rely on their own weight and setback to hold the wall in place.



Reinforced Walls combine the Allan Block units with geogrid soil reinforcement to create a strong and stable wall.



Match your wall to the conditions below to find which width of **AB Reinforcement Grid™** to use, and the number of layers you need. To determine the number of rolls needed, multiply the length of your wall by the number of layers needed, and then divide by 50 (the length of a roll of grid).

Soil Reinforcement Chart									
CONDITION ABOVE WALL	WALL HEIGHT	AB and AB Europa Collection 6°				AB Stones 12°			
		CLAY SOIL		SANDY SOIL		CLAY SOIL		SANDY SOIL	
		No. of Layers	Width (W)	No. of Layers	Width (W)	No. of Layers	Width (W)	No. of Layers	Width (W)
Level	3ft (0.9 m)	0	0	0	0	0	0	0	0
	4ft (1.2 m)	2	3 ft	0	0	2	3 ft	0	0
	5ft (1.5 m)	3	3 ft	3	3 ft	3	3 ft	0	0
	6ft (1.8 m)	4	4 ft	4	4 ft	4	4 ft	4	4 ft
Surcharge 125 psf	3ft (0.9 m)	2	3 ft	0	0	2	3 ft	0	0
	4ft (1.2 m)	2	3 ft	2	3 ft	2	3 ft	0	0
	5ft (1.5 m)	3	3 ft	3	3 ft	3	3 ft	3	3 ft
	6ft (1.8 m)	4	4 ft	4	4 ft	4	4 ft	4	4 ft
Slope 3:1	3ft (0.9 m)	2	3 ft	0	0	2	3 ft	0	0
	4ft (1.2 m)	2	3 ft	2	3 ft	2	3 ft	0	0
	5ft (1.5 m)	3	4 ft	3	3 ft	3	4 ft	0	0
	6ft (1.8 m)	4	4 ft	4	4 ft	4	4 ft	4	4 ft

Example:

Using the AB Collection 6° block, a 5 ft high wall built in sandy soil with a sloped surface above the wall requires three layers of geogrid, 3 ft wide.

Soil reinforcement increases the strength of the wall by creating a reinforced mass of soil behind the blocks. The weight of the reinforced soil mass combines with the blocks for a heavier, stronger wall. The above chart is for **estimating AB Reinforcement Grid** quantities only.

Additional Assistance

Refer to **Landscape Walls by Allan Block** for a complete details on wall design and installation for walls up to 6 ft high.

For more technical information, such as building stairs, terraces, ending and topping off walls or to download the Landscape Wall book visit our website at allanblock.com



Wall Patterns

By blending the different sized blocks together into your wall, you can capture the look of hand-laid stone. Choose from one of our pre-set patterns to build your wall or create your own random look. Both of the collections can be used to create patterned walls.

Standard Patterns - Uses all blocks in the collection.

2 course Pattern is 10 ft section 16 in.

Blocks Required

AB Europa Collection	AB Collection
6 AB Dover	6 AB Classic
4 AB Palermo	4 AB Jumbo Junior
8 AB Barcelona	8 AB Lite Stone
8 AB Bordeaux	8 AB Junior Lite*

* Use an AB Lite Stone cut in half when AB Junior Lite is not available.

3 course Pattern is 10 ft section 24 in.

Blocks Required

AB Europa Collection	AB Collection
10 AB Dover	10 AB Classic
10 AB Palermo	10 AB Jumbo Junior
10 AB Barcelona	10 AB Lite Stone
4 AB Bordeaux	4 AB Junior Lite*

Uses for the 2 course Standard Pattern include:
Any wall project. This is the recommended pattern.

Use the Top of Wall Pattern shown below to finish off the top of a wall where an additional pattern is needed.

Uses for the 3 course Standard Pattern include:
Gravity walls - walls requiring no geogrid
Straight walls - Cutting and fitting of blocks is needed if using with a curved wall

Lite Pattern - Uses the small blocks in the collection.

2 course Pattern is 10 ft section 16 in.

Blocks Required

AB Europa Collection	AB Collection
7 AB Palermo	7 AB Jumbo Junior
15 AB Barcelona	15 AB Lite Stone
12 AB Bordeaux	12 AB Junior Lite*

* Use an AB Lite Stone cut in half when AB Junior Lite is not available.

Note: Maximim recomended gravity wall height for Lite Patterns is 3 ft.

Note: A base course of full size blocks (AB Classic or AB Dover) **needs to be included**. For each 10 ft of wall length you will need 7 full size blocks. For 10 ft. of wall length for AB Caps, the AB Collection you will need 7 AB Caps, the AB Europa Collection requires 7 pairs of caps.

Top of Wall Pattern - Use this pattern to finish off the top of a wall.

1 course Pattern is a 10 ft section 8 in.

Blocks Required

AB Europa Collection	AB Collection
2 AB Dover	2 AB Classic
2 AB Palermo	2 AB Jumbo Junior
6 AB Barcelona	6 AB Lite Stone
4 AB Bordeaux	4 AB Junior Lite*

* Use an AB Lite Stone cut in half when AB Junior Lite is not available.

If building with the Lite Pattern, replace each AB Dover/AB Classic block with 2 AB Jumbo Junior/AB Palermo or 2 AB Lite Stone/AB Barcelona Blocks.

Corner Blocks



8 in. H x 8 in. D x 16 in. L
Available in left and right hand