

AB Stones

Features

- Twelve degree setback delivers maximum performance (Approx.)
- Built-in drainage, interlock and engineering
- The fastest stacking full size block available

Performance by Allan Block®

Our signature block, the AB Stones is your best choice for basic wall construction. The 12° setback delivers great leverage, performance and stability. AB Stones are the most efficient, easy-to-stack full size blocks in the market.

Achieve high performance and natural beauty with AB Stones.

The Best Block by Allan Block®

The hollow core makes them easy to handle, promotes built-in drainage and becomes rock solid when filled. The patented interlocking raised front lip creates a built-in setback and eliminates the need for pins, clips or mortar.



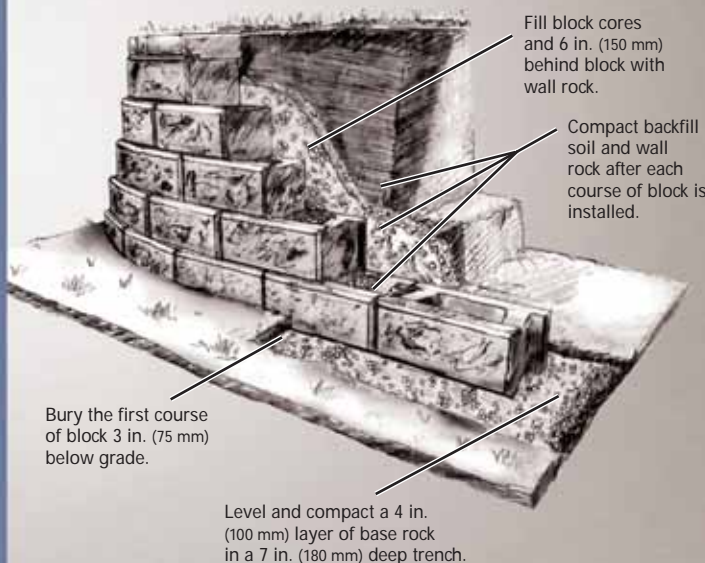
Build large scale walls with steps or terraces.



Protect shorelines with AB Stones.



TYPICAL GRAVITY WALL



Maximum Gravity Wall Heights for the AB Stones

CONDITION ABOVE WALL

Level	Surcharge		Slope		
	Clay	Sand	Clay	Sand	
3.25 ft 1.0 m	5.5 ft 1.7 m	2.0 ft 0.6 m	4.0 ft 1.2 m	2.75 ft 0.8 m	5.0 ft 1.5 m

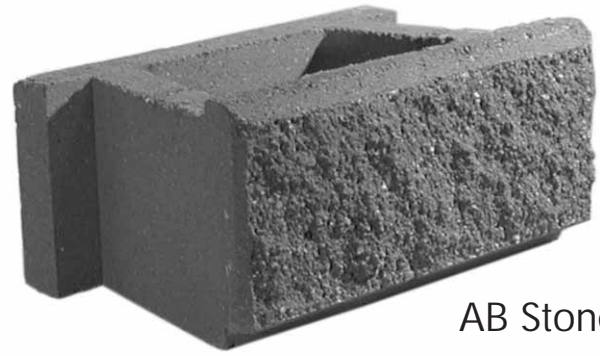
The pressure behind the wall is affected by the type of soil and the conditions above. When wall heights exceed the maximum gravity heights listed in this chart, refer to the soil reinforcement chart on the back.

AMOUNT OF 0.25 in. - 1.5 in. ROCK NEEDED

Base Rock	60 lbs./lin. ft. (90 kg/m)
Wall Rock	105 lbs./per block (48 kg)



Available At:



AB Stones

Specifications:

8 in. H x 12 in. D x 18 in. L
(200 mm H x 300 mm D x 455 mm L)

- Coverage: Approx. 1 sq. ft. (11 block per m²)
- Set Back: 12° from vertical (approx.)
- Weight: 75 lbs. (35 kg)
- Options: Capstone, Corner Block
- Colors: Each Allan Block manufacturer offers their own unique color selections.

Contact your local Allan Block Dealer for exact specifications.

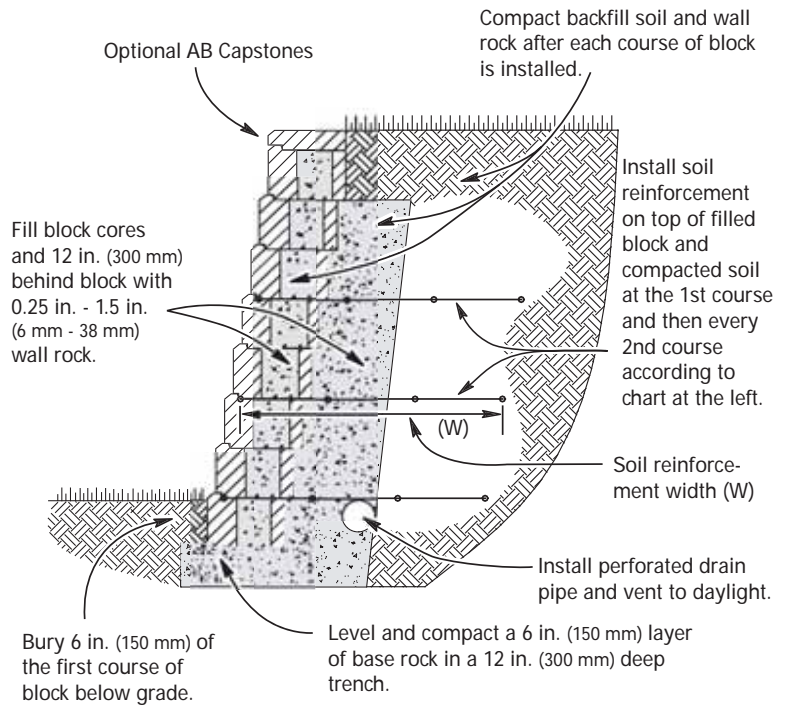
Estimating Guide for AB Stones

Number of AB Stones Needed						Radius Table
APPROX. WALL HEIGHT	WALL LENGTH					
	10 ft 3 m	20 ft 6 m	30 ft 9 m	40 ft 12 m	50 ft 15 m	
8 in (0.2 m)	7	14	20	27	34	4.0 ft (1.2 m)
16 in (0.4 m)	14	28	40	54	68	4.3 ft (1.3 m)
24 in (0.6 m)	21	42	60	81	102	4.5 ft (1.4 m)
32 in (0.8 m)	28	56	80	108	136	4.8 ft (1.45 m)
40 in (1.0 m)	35	70	100	135	170	5.0 ft (1.5 m)
48 in (1.2 m)	42	84	120	162	204	5.3 ft (1.6 m)
56 in (1.4 m)	49	98	140	189	238	5.5 ft (1.7 m)
64 in (1.7 m)	56	112	160	216	272	5.8 ft (1.75 m)
72 in (1.8 m)	63	126	180	248	306	6.0 ft (1.8 m)

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

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.

Typical Section Reinforced Wall



AMOUNT OF 0.25 in. to 1.5 in. ROCK NEEDED	
Base Rock	120 lbs./lin. ft. (178 kg/m)
Wall Rock	165 lbs./per block (75 kg)

Ask for AB Reinforcement Grid™ Available in 3 ft. (0.9 m) or 4 ft. (1.2 m) widths by 50 ft. (15 m) in length.



This information is provided to assist in the proper design and installation of Allan Block walls. Site conditions, varying soil types and local code requirements must be verified. For information on installation, refer to the Allan Block Installation Guide. Final installation is the responsibility of the user.

Consult with your local block supplier, a landscape professional or engineer for more complete information or assistance.