

Lite Stones

Features

- Ideal for low walls and long borders
- Strong horizontal lines
- Easy to handle

Refined by Allan Block®

The Lite Stone adds graceful definition to walkways and yard perimeters. It is one half the size of the Classic and has the same patented design features.

Perfect for elegant landscapes.

The Best Block by Allan Block®

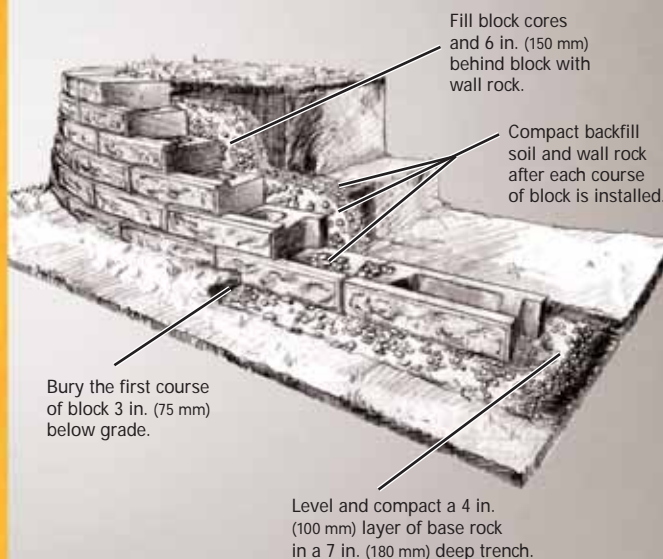
The hollow core makes it easy to handle, promotes built-in drainage and becomes rock solid when filled. The patented interlocking raised front lip creates a built-in setback and eliminates the need for pins, clips or mortar.



Free flowing and graceful.

Low profile design adds graceful definitions to driveways.

TYPICAL GRAVITY WALL



Maximum Gravity Wall Heights for the Lite Stone

CONDITION ABOVE WALL

Level		Surcharge		Slope	
Clay	Sand	Clay	Sand	Clay	Sand
3.0 ft	4.0 ft	1.75 ft	3.0 ft	2.5 ft	3.75 ft
0.9 m	1.2 m	0.55 m	0.9 m	0.8 m	1.1 m

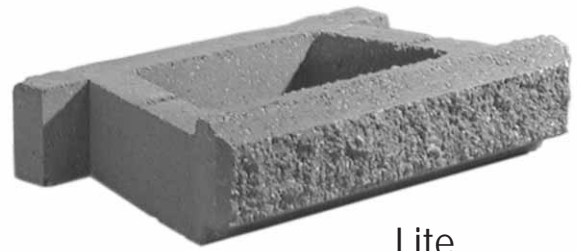
The pressure behind the wall is affected by the type of soil and the conditions above. When wall heights exceed the maximum gravity heights listed in this chart, refer to the soil reinforcement chart on the back.

AMOUNT OF 0.25 in. - 1.5 in. ROCK NEEDED

Base Rock	60 lbs./lin. ft. (90 kg/m)
Wall Rock	53 lbs./per block (24 kg)



Available At:



Lite
Stones

Specifications:

4 in. H x 12 in. D x 18 in. L
(100 mm H x 300 mm D x 455 mm L)

Coverage: Approx. 0.5 sq. ft.
(22 block per m²)

Set Back: 6° from vertical

Weight: 35 lbs. (15 kg)

Options: Capstone, Corner Block

Colors: Each Allan Block manufacturer offers their own unique blended color selections.

Contact your local Allan Block Dealer for exact specifications.

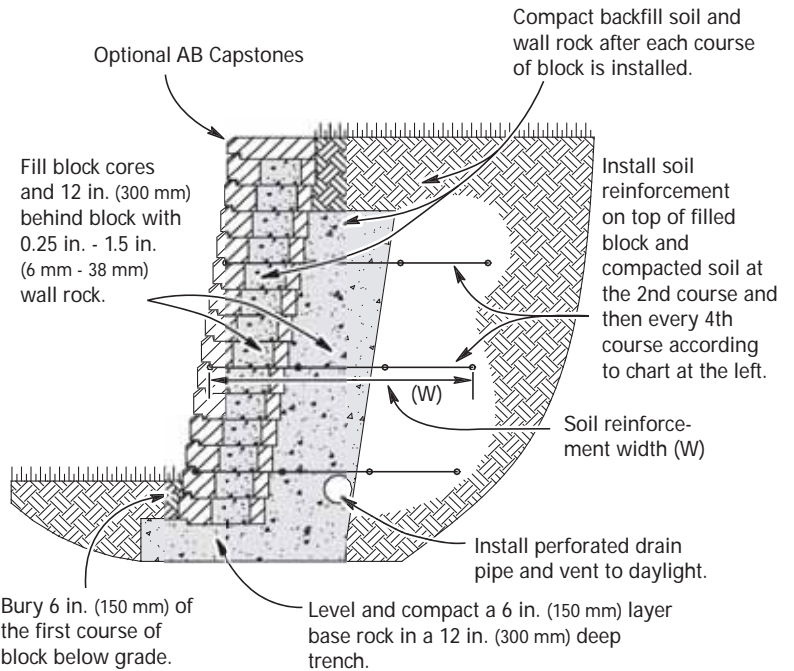
Estimating Guide for Lite Stones

Number of Lite 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	
4 in (0.1 m)	7	14	20	27	34	4.0 ft (1.2 m)
8 in (0.2 m)	14	28	40	54	68	4.2 ft (1.3 m)
16 in (0.4 m)	28	56	80	108	136	4.4 ft (1.35 m)
24 in (0.6 m)	42	84	120	162	204	4.6 ft (1.40 m)
32 in (0.8 m)	56	112	160	216	272	4.8 ft (1.45 m)
40 in (1.0 m)	70	140	200	270	340	5.0 ft (1.5 m)
48 in (1.2 m)	84	168	240	324	408	5.2 ft (1.6 m)
56 in (1.4 m)	98	196	280	378	476	5.4 ft (1.65 m)
64 in (1.7 m)	112	256	320	432	544	5.6 ft (1.7 m)
72 in (1.8 m)	126	284	360	486	612	5.8 ft (1.8 m)

Soil Reinforcement Chart for Lite 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	3	3 ft
	6 ft (1.8 m)	4	4 ft	4	4 ft
Surcharge 125 psf	2 ft (0.6 m)	1	3 ft	0	0
	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	2	3 ft
	5 ft (1.5 m)	3	4 ft	3	3 ft
	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	82 lbs./per block (37 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.