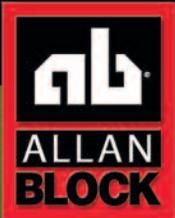


AB Reinforcement Grid™

*For Advanced Soil Reinforcement on walls
up to 6 feet in height (1.8 m)*

Build a Lasting Structure with Allan Block Reinforcement Grid™



allanblock.com

Simple

Roll out along the wall on every other course of block.

Convenient

Pre-packaged in handy roll sizes of:
3 ft x 50 ft (0.9 m x 15 m)
4 ft x 50 ft (1.2 m x 15 m)

Reliable

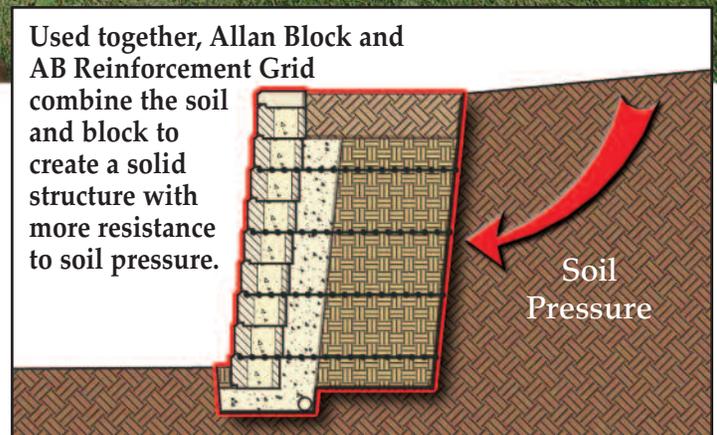
Fully engineered to deliver the strength your wall needs.



**Build It Once
Build It Right
Build To Last
with Allan Block**

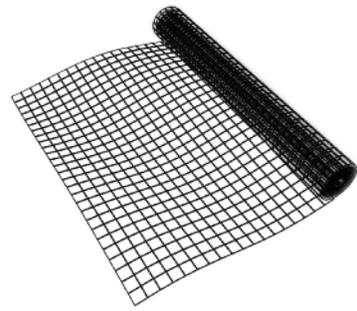
**REINFORCEMENT
GRID**

Used together, Allan Block and AB Reinforcement Grid combine the soil and block to create a solid structure with more resistance to soil pressure.



Build a Lasting Structure with the Allan Block Advanced Soil Reinforcement Grid.

For walls up to 6 ft. (1.8 m) high



Walls that typically require grid will be reinforced on every other course to the top of the wall. Refer to the [Retaining Walls Installation Guide for Residential Walls](#) for complete details.



Roll out grid

Step 1: Install the base course of block and fill the hollow cores and 12 in. (300 mm) behind the wall with wall rock. Backfill behind the wall rock with on-site soils and compact the entire area behind the blocks in maximum 8 in. (200 mm) lifts. Check for level and alignment, making adjustments as necessary.



Backfill



Install next course

Step 2: Roll out the AB Reinforcement Grid behind the wall with the edge of the grid against the raised front lip of the block.

Step 3: Stack the next course of block on top of the grid, so that the blocks are offset from the blocks below. Pull on the back of the grid to remove any slack and stake in place.



Compact

Step 4: Using wall rock, fill the hollow cores and behind the block as described in Step 1. Compact the entire area with the first pass this time directly on the top of the blocks. Check for level and alignment, adjusting as necessary.



Stake grid

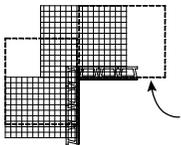
Step 5: Continue installing your next courses of block using the steps shown above. Per your approved plans, install geogrid when required on every other course of the wall to the desired height.

NEVER compact directly on the AB Reinforcement Grid or drive heavy machinery WITHIN 3 ft (0.9 m) of the wall. Heavy machinery may cause the wall to rotate forward out of alignment!



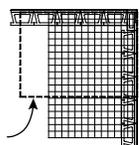
Install grid on every other course

Inside Corners



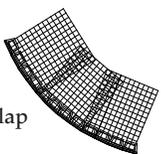
Alternate placement on every other layer

Outside Corners



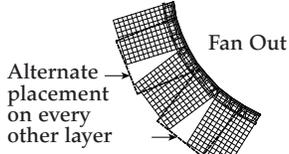
When placing grid for **inside corners**, extend the grid past the corner. Alternate this grid placement on every other layer so the grid extends past from the opposite direction every other time. On **outside corners**, simple lay grid into the corner and cut to fit with a utility knife.

Outside Curves



Overlap

Inside Curves

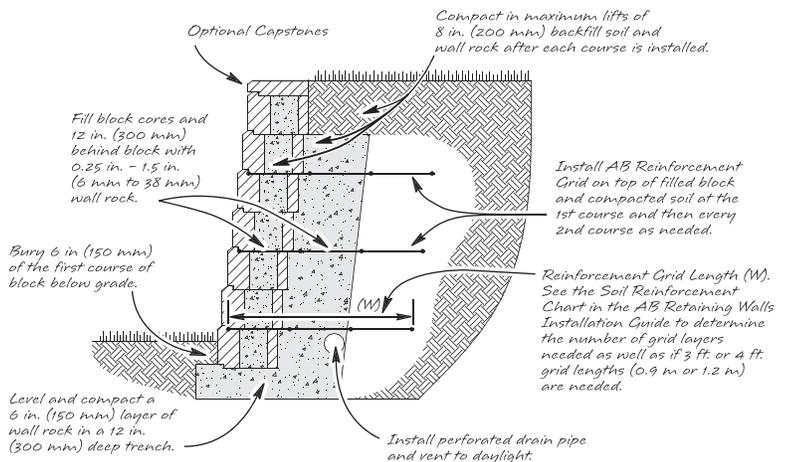


Alternate placement on every other layer

Fan Out

The grid should follow the back of raised front lip on the top of the block. Simply cut the grid with a utility knife and fan out on **outside curves** or overlap to follow **inside curves**.

Reinforced Wall Cross Section



Visit allanblock.com for complete details.

