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™

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 1.5 m)
4 ft x 50 ft (1.2 m x 1.5 m)

Reliable
Fully engineered to deliver the strength your wall needs.

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.

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.

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.

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.

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!

Inside 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 Corners

Outside Curves

Inside Curves

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.

Visit allanblock.com for complete details.

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