

INSTALLING A SYSTEM YOU CAN TRUST

Redi-Rock's Positive Connection Blocks

If you've ever repaired a failed MSE wall, you understand the value of a system you can trust to stand the test of time. When installing Redi-Rock's Positive Connection blocks, you won't have to worry that someone else will need to clean up after your work in the future.

Unlike friction connections featured in other geosynthetic reinforced wall systems, there is virtually no chance of a pullout connection failure with PC blocks because the geogrid wraps through the block. And, while many reinforced retaining wall systems require a pin or other mechanical connector, the PC System requires none.

A little extra attention to the detail of wrapping strips of geogrid through the block goes a long way toward trusting the end result. Use the tips and tricks on the reverse side to streamline your install of Redi-Rock's Positive Connection blocks.



Your Trust-Building Partner - Factory Cut & Certified

When using factory-cut, 12-inch (305-millimeter) wide strips of geogrid with PC blocks, there's no possibility of installing grid in the weak direction. Available in different tensile strengths, the PVC coated polyester geogrid wraps through the vertical core slot cast into the block and extends into the reinforced soil zone on both the top and bottom of the block to a distance specified by the engineer.

"The Positive Connection provides peace of mind, knowing when you walk away from a job you don't have to worry about an issue 5-10 years down road."



Joel Stalo, Owner, Michigan Pavers & Walls
Installer of Redi-Rock since 2007

Tips and Tricks for Efficient PC Installation

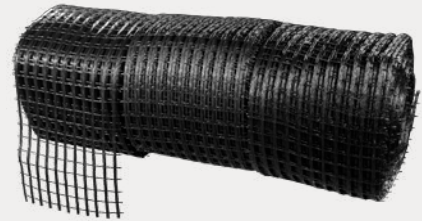
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TRIPLE JIG

Nope, that's not a dance. It's a way to become more efficient when cutting your grid. Set up a jig where you place three rolls of grid on a metal pole between sawhorses, roll out the lengths you need and cut all three at once. Roll them back up and organize them on pallets labeled with the correct size. Cutting and staging your grid before stacking blocks speeds up the end result.

Hint on the length of grid to cut:

- 28-inch (710-millimeter) PC blocks: 2 times the design length plus 3 feet (0.9 meters)
- 41-inch (1030-millimeter) PC blocks: 2 times the design length plus 5 feet (1.5 meters)



SECOND STAGE

As part of the crew is working on backfilling or setting the next course of block, stage the correct lengths of grid close for easy access. Whether in front of the wall (shown) or moving an entire pallet of the correct grid lengths closer, pare down the time and distance the folks who will be threading the geogrid through the core slot need to travel.



FOLLOW THE DOTTED LINES

Use spray paint to mark the distance the grid should be staked from the wall. This way, it's a no brainer as you're rolling out the correct length of grid and staking it prior to backfilling, especially if there's a change of grid length between block courses.



METHOD TO THE MADNESS

Finding a method to the madness to secure the top leg of geogrid while backfilling reaps results in the long run. Many installers roll up the top half of grid and secure it with a pin running through the grid and lift hook (shown). Others pull both ends of grid taught, fill the core slot with crushed stone, then simply flip the top end over the wall. Either makes it easy to tension the bottom half of grid while backfilling. With practice, your crew can dial down the install time!



RESOURCES AT THE READY!

All manufacturers in the Redi-Rock network want what you want — a wall that stands the test of time. Believe it or not, they also want you to enjoy creating that wall, so most of them are more than willing to answer questions as they come up or even head out to your jobsite to get you started on the right foot. Don't hesitate to ask!

Download the full Installation Guide at www.redi-rock.com/install or call Tom McConnell at 814-316-2751 for more information!