

BROCK
PaverBase

For All Patios, Walkways, Stackable Sitting Walls, Pillars, Artificial Turf, Athletic Courts, Sheds and More

**HOW TO INSTALL
 ARTIFICIAL TURF AND
 PUTTING GREENS**

THE BASE is the most important step for long lasting projects.

STEP 1

PREPARING YOUR PROJECT AREA

Determine how much to excavate using the example below. Remove the grass to desired depth (skim rather than dig deep) and a few inches wider than you project area.



MATERIAL REMOVAL GUIDE

Tim's Tip:

The total project area will be approx. the thickness of your Artificial Turf + 1".

How deep you need to dig is determined by adding the thickness of the following components:

EXAMPLE	Approx. Thickness
Leveling Sand on Fabric	1/2 Inch (hand tamp)
Artificial Turf Thickness*	+ 1 Inch
Brock PaverBase	+ Approx. 3/4 Inch
Dig out this many inches below your current level	= Approx. 2-1/4 Inches

*will depend on the turf you select. Add additional 1/2" sand for putting greens.



Artificial Turf Yards

STEP 2

LEVEL AND COMPACT THE BASE

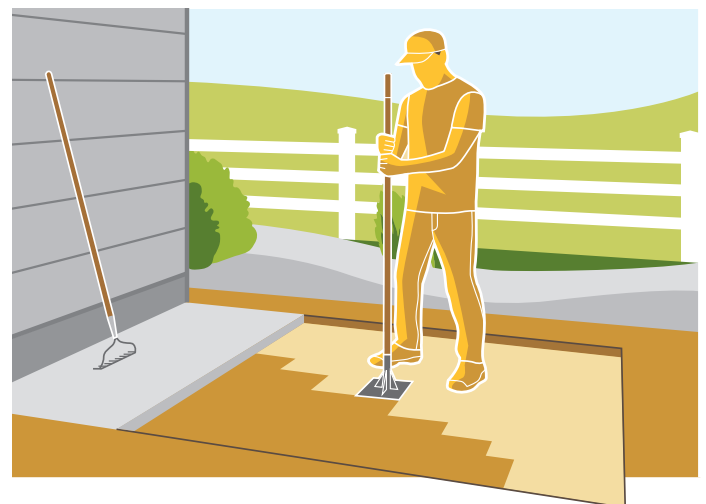
Using a hard rake and/or shovel, compact and level the area with appropriate slope. The ground should be tightly compacted using a hand tamper or plate compactor. The slope should be about 1/4" per one foot of distance. It is helpful to pull a string line so you can check your slope. To run a string line, attach a string to a fixed point on the house side about 3" above the surface of the patio, and pull it tight toward the outside edge of your new patio area. Attach the other end to a landscape stake in the ground making sure the string is tight. Use a level and ruler to create the desired slope. For example, the patio should slope 2.5" over a 10 foot distance (Diagram below). This will ensure that the patio moves water away from the house.

Tim's Tip:

Use along straight edge or side of a 2 x 4 (from high end to low end of you project) to fix the high and low spots.

The area should be as smooth as possible, making sure to get rid of high and low spots to within +/- 1/4". This is now your compacted ground with 1/4" slope per foot. Congratulations, the hard part is over!

TIP: For clay soils, use dirt/soil or base material to make it easier to compact the ground flat with 1/4" slope per foot.



Artificial Turf Court Yard

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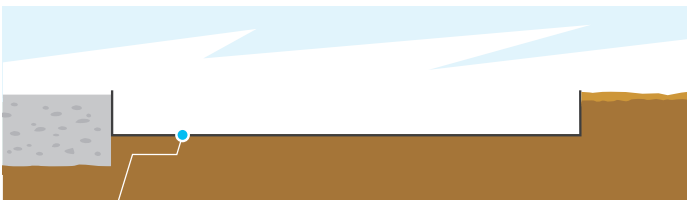
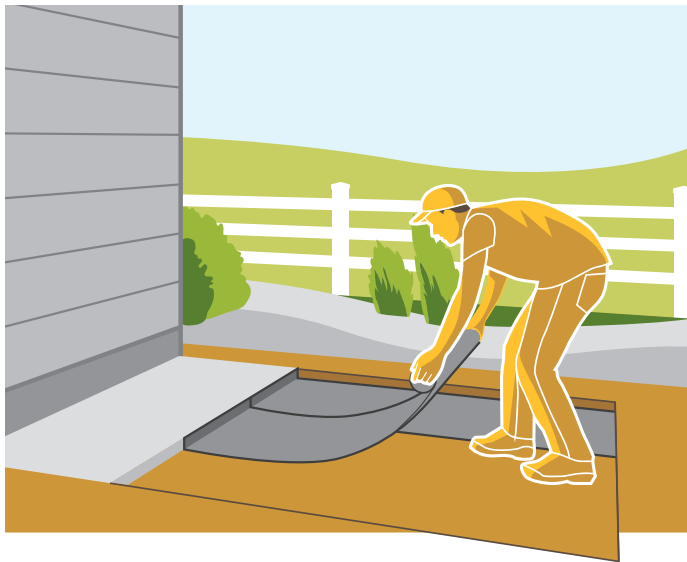
STEP 3

ADD A LONG LASTING LANDSCAPE FABRIC

Next install long lasting landscape fabric (15, 20, 30 years, Lifetime) over the excavated and compacted area. Overlap the edges of the fabric by 4-6".

Tim's Tip:

Lay extra fabric on the sides. After you lay the panel, fold the fabric up then place edge restraints. This will ensure sand cannot leech out.



LANDSCAPE WEED FABRIC (BARRIER)

NOTE: Fabric holds in the sand, not for weeds.

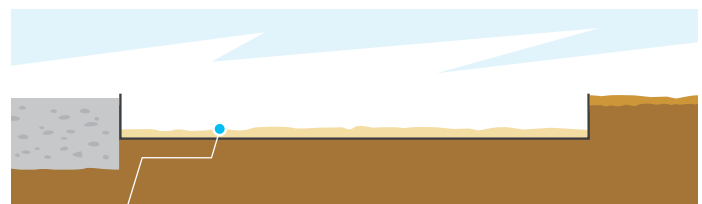


Paver Patio and Walkway with Artificial Turf Yard

STEP 4

SPREAD A 1/2" LAYER OF LEVELING SAND

Lay two 1/2" pipes (or rebar) on top of the fabric over the ground in the same direction as your slope, high to low end. Spread an even layer of sand over the pipes in your project area.



1/2" ALL PURPOSE LEVELING PAVER SAND (STEP 2 SAND)



Artificial Turf Backyard

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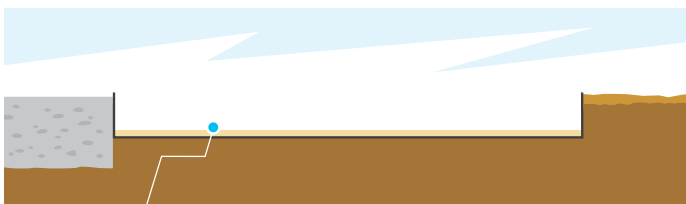
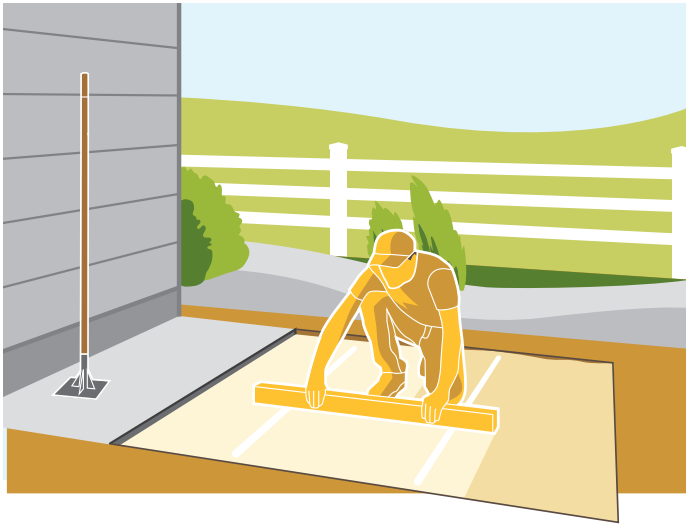
THE BASE is the most important step for long lasting projects.

**STEP 5
 SCREED THE SAND USING A BOARD**

Using a standard 2x4 that is 6 feet long, screed the sand using the board along the pipe or rebar, maintaining your slope so watch your string line. Make sure the board you use is straight and true! Hand tamp the sand and recheck to make sure you do not have any high or low spots. Do not use a plate compactor to compact the sand. Do not use a plate compactor to compact the sand.

Tim's Tips:

- Remove the screed pipes before laying your panels
- Use long straight edge or side of 2 x 4 same (as step 2) after you hand tamp the sand.



1/2" ALL PURPOSE LEVELING PAVER SAND



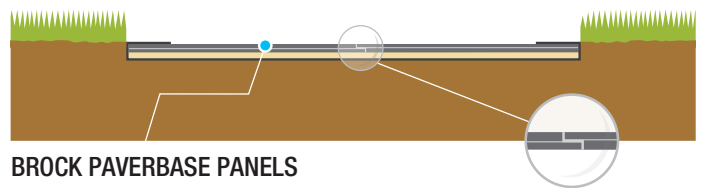
Artificial Turf with Decorative Walkway and Garden Bed

**STEP 6
 INSTALL BROCK PAVERBASE
 PANELS**

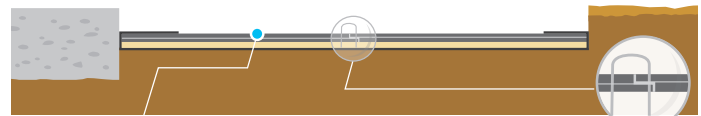
Starting against a straight edge of the patio, lay the Brock panels, ensuring that the side flanges overlap. Ideally, lay them in a "brick-like" pattern (illustration below). This will ensure stability of the panels when you lay the pavers. To off set the panels (for the second row), cut a panel in half, using a utility knife, and start with the cut panel edge on the outside (where the edge restraint will be) so the panel flange/lips can be used. Use the bottom half panel to finish the end of the next row. As you are laying your panels, use some landscape fabric pins to hold the panels tight for the next step.

Trim any curves or along edges using a utility knife. Place any extra scrap pieces of Brock PaverBase in your recycling bin.

TIP: Fold the fabric up and or up and over the panel. This will make sure the sand cannot leech out in time.



BROCK PAVERBASE PANELS



BROCK PAVERBASE PANELS AND LANDSCAPE FABRIC PINS



LANDSCAPE FABRIC PINS

STEP 6A

Use landscape fabric pins to hold the panels tight when rolling out your artificial turf. Use 3 pins per panel.



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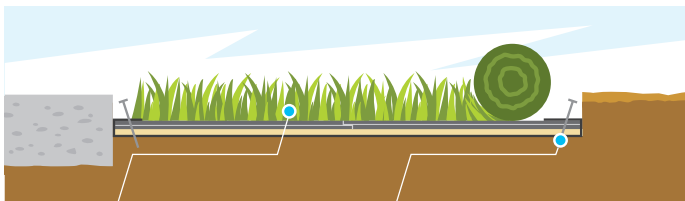
HOW TO INSTALL ARTIFICIAL TURF AND PUTTING GREENS

THE BASE is the most important step for long lasting projects.

STEP 7

INSTALL YOUR ARTIFICIAL TURF

Now the fun really begins! Roll your Artificial Turf directly on the Brock PaverBase panels. Yes you can walk on the panels. Use landscape fabric spikes along the outside edge of the panels to hold the panel and turf in place.



ARTIFICIAL TURF

LANDSCAPE FABRIC SPIKES

NOTE: Use landscape spikes along outside edge to hold panels in place.

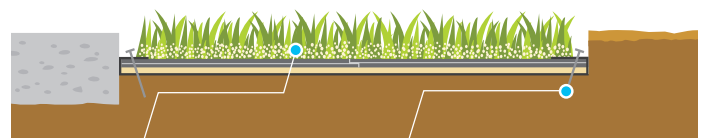


Artificial Turf Front Yard

STEP 8

SPREAD IN A TOP FILL SAND OR WHAT THE TURF COMPANY RECOMMENDS

For thicker turf, spread a top fill material, sand or what the turf company recommends to hold down the turf. Use landscape fabric spikes along the outside edge of the panels to hold the panels and turf in place.

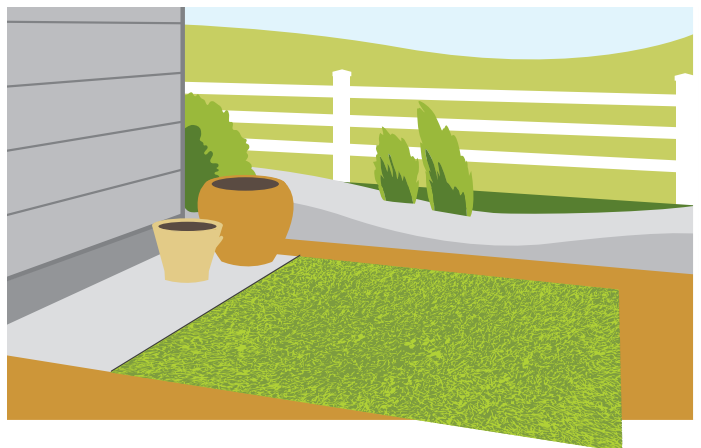


TOP FILL MATERIAL

LANDSCAPE FABRIC SPIKES

STEP 9

ADD FINISHING TOUCHES. ENJOY!





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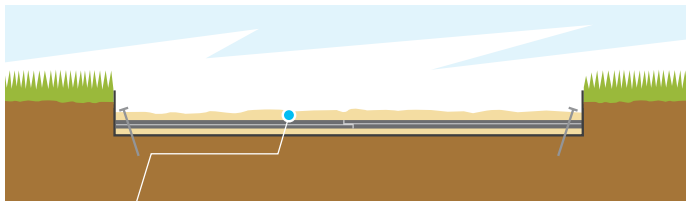
PUTTING GREENS

FOLLOW STEPS 1 THRU STEP 6

STEP 7

SPREAD LAYER OF LEVELING SAND

Add a 1/2" thick layer of all purpose leveling paver sand on top of the panels. This layer of sand will fill in the channels and holes and create smooth panel surface, better for the thin putting green turfs.

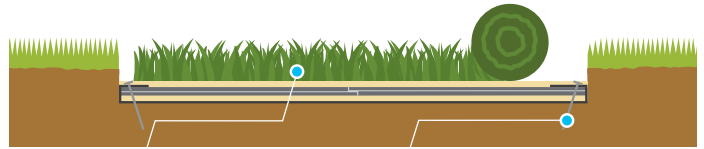


1/2" ALL PURPOSE LEVELING PAVER SAND (STEP 2 SAND)



STEP 8

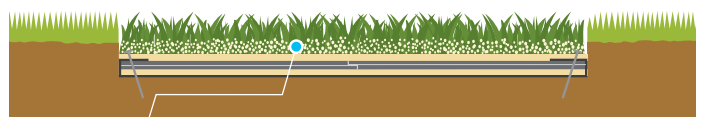
Roll out your putting green turf as directed by the turf manufacturer. Use landscape fabric spikes along the outside edge of the panels to hold the panels and turf in place.



PUTTING GREEN TURF LANDSCAPE FABRIC SPIKES

STEP 9

You are ready to enjoy your putting green and make great memories for years to come.



TOP FILL MATERIAL



Need help?

Call Tim Newton anytime with questions or to discuss your PaverBase project:
813.431.8259