

The base is the most important step for all Sport Court 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 Sport Court + 1".

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

EXAMPLE	Thickness
Leveling Sand	1/2 Inch
Sport Court*	+ Approx. 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 Sport Court you select.



Basketball Sport Court

STEP 2

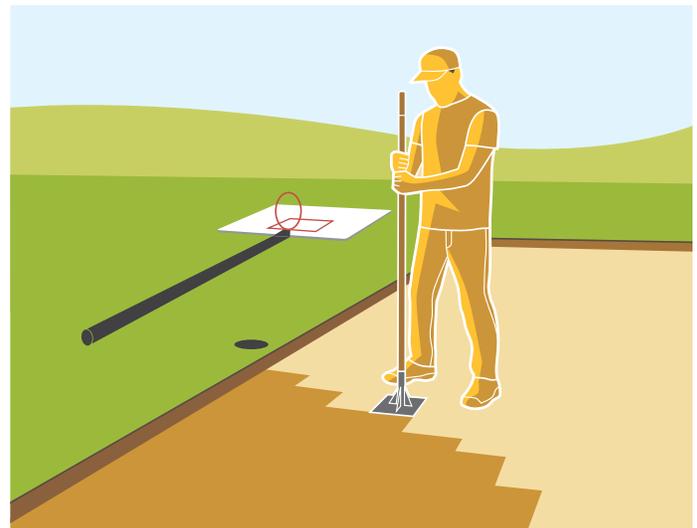
LEVEL AND COMPACT THE BASE

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 it 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 base. Congratulations, the hard part is over!



First Basketball Sport Court using Brock PaverBase

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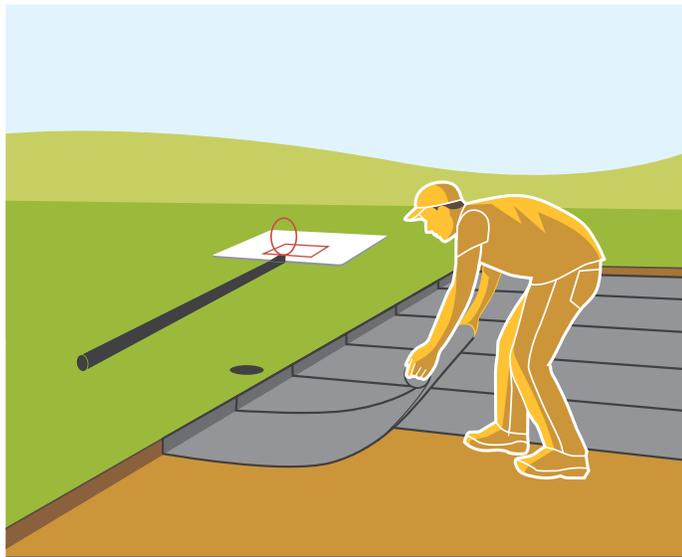
STEP 3

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 or panels and paving stones, 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.



Tennis and Basketball Sport Court

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)



Basketball Sport Court

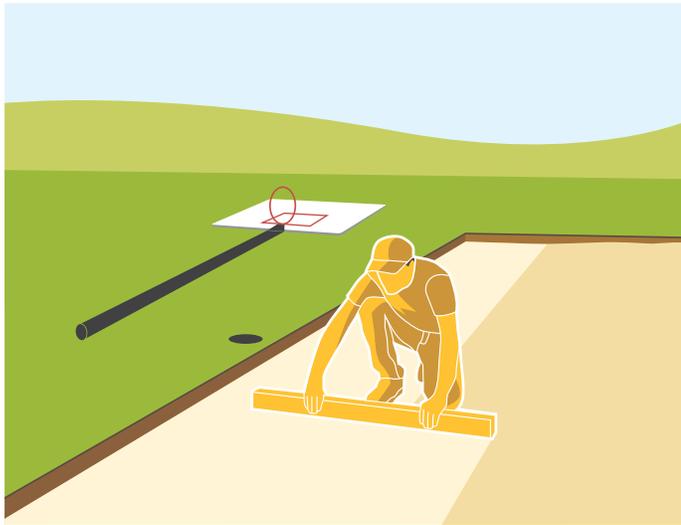
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**STEP 5
 SCREED THE SAND USING A BOARD**

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:

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



1/2" ALL PURPOSE LEVELING PAVER SAND

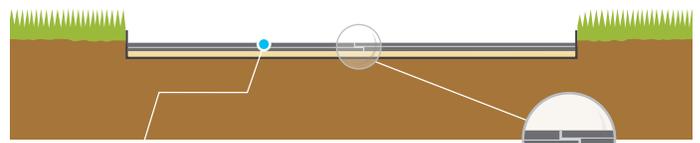


Basketball Sport Court

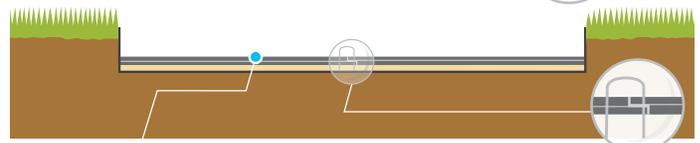
**STEP 6
 INSTALL BROCK PAVERBASE PANELS**

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 (tongue and groove) 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.

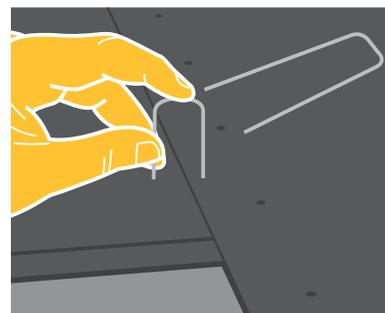
Trim any curves or along edges using a utility knife. Place any extra scrap pieces of Brock PaverBase in your recycling bin.



BROCK PAVERBASE PANELS



BROCK PAVERBASE PANELS AND LANDSCAPE FABRIC PINS



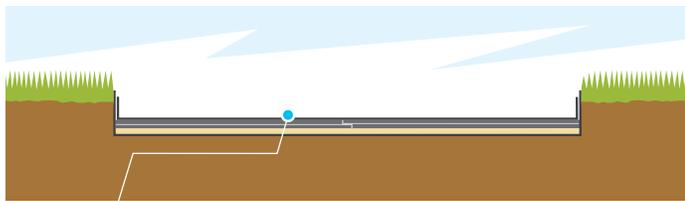
Landscape Fabric Pins

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STEP 7

ADD 2ND LAYER OF LONG LASTING LANDSCAPE FABRIC

Once the Brock PaverBase is installed, place a second layer of weed barrier fabric on top of the panels to stop any sand migration. Yes you can walk on the panels. Overlap the edges of the fabric by 4-6".



LANDSCAPE WEED FABRIC (BARRIER)

Tim's Tip:

Important to use a 20-30 year or lifetime landscape fabric. The fabric will keep the uv rays from reaching the panels.



Basketball Sport Court

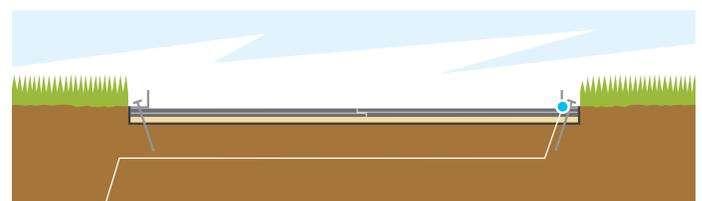
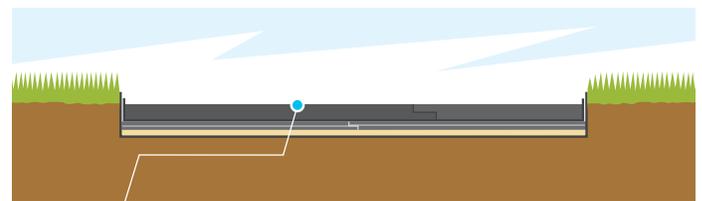
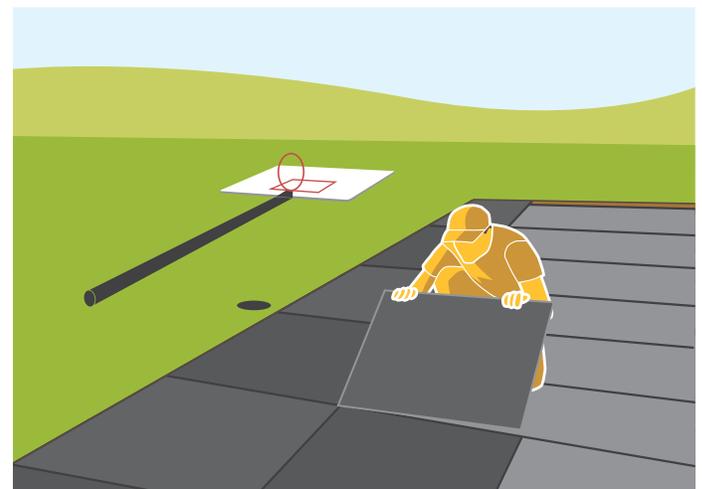
STEP 8

INSTALL THE SPORT COURT TILES

Now the fun really begins! Lay the Sport Court Tiles directly on the Brock PaverBase panels. Yes you can walk on the panels when laying the tiles.

Tim's Tip:

You can use landscape spike on the outside panels to hold in place.



EDGE RESTRAINTS AND SPIKES



Basketball Sport Court

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STEP 9

TIME TO PLAY AND HAVE FUN

Enjoy your sport court to create memories for years to come!



Basketball Sport Court



Bocce Ball Court



Basketball Sport Court



Pickleball Court

Now you can enjoy your new project!

PROJECT QUESTIONS?

CALL TIM NEWTON ANYTIME AT: 813.431.8259