

**LIFETIME
GUARANTEE**

BROCK[®]
Paver Base
PRO[™]

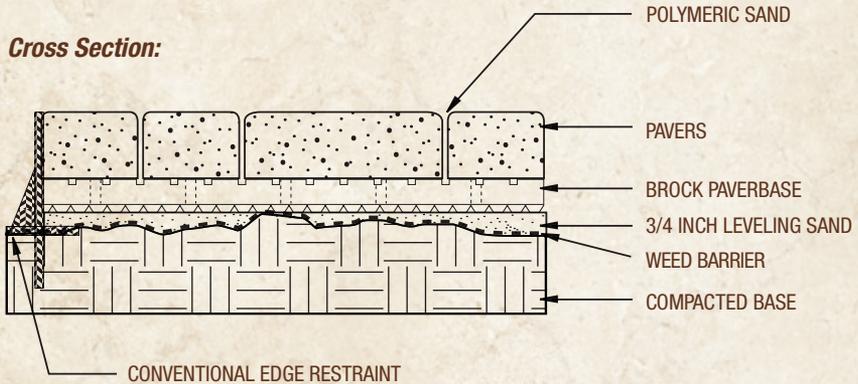
Build a Better Patio.

INSTALLATION INSTRUCTIONS



BROCK[®] **PaverBase** PRO

Cross Section:



INSTALLATION

OVERVIEW:

Building your new patio with Brock PaverBase should be simple and enjoyable. The idea is to minimize the amount of material you have to dig, then build a Brock “platform” on which you lay your pavers. The base underneath the Brock PaverBase needs to be compacted and properly leveled. Brock PaverBase panels will then spread load over that base to help ensure your patio stays level and smooth for years.

Expansive or unstable subgrade soil conditions may result in failure of the paver installation including undulations in the finished paver surface or cracking of pavers. Brock PaverBase will not resolve subgrade issues associated with expansive or unstable soils. Subgrade soil issues should be remediated prior to the installation using Brock PaverBase if these soil conditions exist.

Brock PaverBase is intended for pedestrian applications and not for vehicular traffic of any kind.



STEP 1:

Remove what is currently there.

Most commonly this is a grass area that will become your new patio. How deep you need to dig is determined by adding the thickness of the following components:

Example		Thickness (inches)
Compacted Base		1-2"
Leveling Sand	+	3/4"
Paver Thickness*	+	2 3/4"
Brock PaverBase	+	3/4"
Dig out this many inches below your current level	=	5 1/4"

*will depend on the paver you select.



STEP 2:

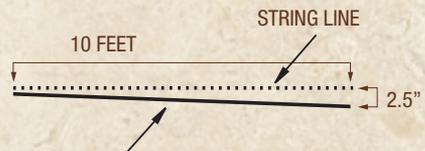
Level and compact the base.

Using a hard rake and/or shovel, level the area and make sure it slopes away from any structures, such as the house. The 1-2" of Base material 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, put two landscape stakes in the ground. Tie a piece of string to one of them, then pull it tight to the other. Use a level and ruler to create the desired slope. For example, the patio should slop 2.5" over a 10 foot distance (Diagram). This will ensure that the patio moves water away from the house.

The area should be properly compacted. This can be done with a hand tamper or plate compactor. 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!



Patio surface should slope away from structure.



STEP 3:

Spread a thin layer of sand.

Add a geotextile barrier fabric (weed barrier) on top of the compacted base. Then, spread an even layer of sand to a depth of $\frac{1}{2}$ " – 1" deep on top of the leveled and compacted base. Use the sand to get the surface as smooth as possible. Scree the sand using a straight board (see picture). The board will also help you keep the slope so watch your string line.



Level the sand using a board.

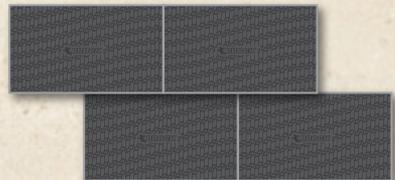
STEP 4:

Install the Brock PaverBase.

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 (Diagram). This will ensure stability of the panels when you lay the pavers.



Trim any curves or along edges using a razor knife.



Place any extra scrap pieces of Brock PaverBase in your recycling bin.

STEP 5:

Install your pavers.

Now the fun really begins! Lay the pavers directly on the Brock PaverBase panels. You can slide the pavers into place. If you are trying to do a straight line, and the line gets crooked, hammer the row back in place using a rubber mallet.



STEP 6:

Spreading Polymeric Joint Sand.

Note: Polymeric joint sand will essentially harden like concrete between your pavers. It has several advantages: It is stable, so the sand won't end up on the top of your pavers; It allows you to power wash your patio without displacing the joint sand; It gives the patio a cleaner, more finished look.

Using a broom, spread sand over the patio and into the gaps between the pavers. Spread over small areas before moving onto the next one. Go back and forth over the gaps until no more sand will fit. Once you have swept the sand into the paver joints, a hand tamp should be used over the entire paver area in order to “vibrate” the sand further into the joints. This tamping procedure will insure that the maximum amount of sand is holding the pavers in place. **(DO NOT USE A PLATE COMPACTER TO VIBRATE THE PAVERS!)** Continue to add sand until the joints are full.



Important: When using Polymeric Sand, a few extra steps are required (see next page).

STEP 6a:

Cleaning the patio.

Once you are done spreading the polymeric sand into the gaps, use a leaf blower to blow the fine dust off the surface of your patio. (You want to make sure you sweep it off well first or you will generate a large dust cloud!) **DO NOT WASH IT OFF WITH WATER!) THAT COMES LATER.** If the patio is not free of polymeric sand on the surface of the pavers, you may see a film/haze on the pavers once you follow step 6b.



Make sure the surface of the pavers is clean.

STEP 6b:

Watering the Polymeric Sand.

Once the surface of the patio is completely clean, follow the instructions for wetting on the packaging of the polymeric sand. This will entail lightly spraying the joint sand with water, which will activate the polymer that hardens the sand.



ENJOY YOUR NEW PATIO!



GO TO WWW.BROCKPAVERBASE.COM/HOW-TO-BUILD-YOUR-PATIO
TO WATCH AN INSTRUCTIONAL VIDEO, OR FEEL FREE TO CONTACT
US WITH ANY QUESTIONS AT 1-877-276-2587.



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