



Permeable Pavers

What are they?

Permeable pavers are stone or concrete bricks that when installed have joints between the pavers that are filled with tiny 1/8" aggregate stones. Storm water seeps in through these joints, into a gravel sub base, and into the earth. The joints make these pavers almost 70-80 percent permeable, which promotes the natural water cycle.

Benefits:

*Direct storm water runoff into to the earth below an impermeable surface reducing the amount of storm water pollution flowing onto the street into a waterway.

Use in Storm Water Management:

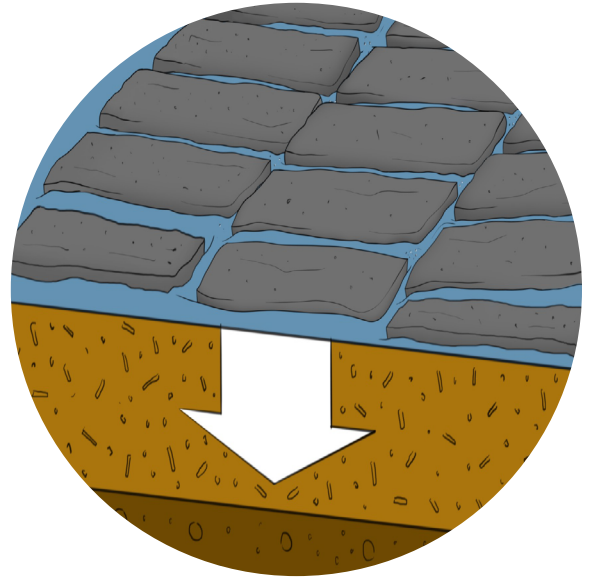
*If the storm water from a downspout cannot be diverted into an existing or new landscape area or into a rain box or rain barrel, permeable pavers provide an opportunity to divert the storm water into the earth.

*Storm water flowing off of existing driveways or walk ways can be retrofitted also with permeable pavers to prevent storm water from flowing into the street

Installation Considerations:

*When installed in retrofit situations, existing impermeable surfaces, such as concrete or asphalt, will have to be removed generally requiring saw cutting. While saw cutting machines are available at Home Depot or Lowe's for rental by homeowners, it may be prudent to hire a saw cutting contractor to do this work. Installing the pavers can be done by the homeowner using instructions from the paver supplier or by looking at the separate instructions accompanying this fact sheet.

*Pavers should be swept 2-3 times a year to remove dirt and/or leaves to allow storm water to infiltrate the paver joints.



Do it Yourself?

Tools

- Concrete cutting saw rental
- Shovel and wheelbarrow
- Tape measure
- Rubber mallet
- Level
- Garden rake
- Vibratory compactor rental
- Broom
- Hose

Materials

- Pavers
- Sand
- 1/8" aggregate

Permeable Paver Installation Costs
Per Square Feet of Finished Paver
Area (20 sf. Job)

A. Contractor does the entire job:

\$18-20/sq. ft.

B. Homeowner does the entire job:

\$11/sq. ft.