

What is Permeable Pavement?

Permeable pavement is a pavement type with a porous surface that is composed of concrete, open pore pavers or asphalt with an underlying stone reservoir. Also considered as green pavement, it allows water to run through it rather than accumulate on it or run off of it.

It is commonly used in parking lots, sidewalks, low-traffic areas and driveways. This eco-friendly pavement is suitable for all different kinds of conditions.

The 3 common types of permeable pavement include:



- **Traditional Concrete/Asphalt:** The standard mix minus the fine particles which are left out to make it more porous.



- **Plastic Pavers:** The plastic grids have a honeycomb shape that allows vegetation, such as grass, to grow through the spaces.



- **Concrete Pavers:** There are spaces between the concrete blocks which aids better drainage and water permeability.

Benefits



Permeable pavements can help filter out pollutants that contribute to water pollution.



Challenge!

On your next walk, count how many permeable pavements you can find and challenge a friend to beat your score!

It can be made using recycled materials which puts less pressure on the environment to produce materials to build pavements and driveways.



Did you know?

Permeable pavements can also lessen the need for road salt and lower construction costs for residential and commercial development by reducing the need for some conventional drainage features.



Since water and precipitation seep through the pavement, there won't be any ice formation on it. Even in freezing temperatures, the pavement remains warm and proves to be a safe surface for driving and walking.

