

Permeable and Porous Paving



Permeable Pavers replace traditional bricks or paving and allow for storm water filtration and absorption. Some permeable pavers are built upon gravel or stones that allow water to soak slowly back into the ground.

Benefits

- Infiltrate water back into ground instead of overloading wastewater systems
- Alleviate flooding strain
- Act as a filter for rain water
- Reduce standing water and problems associated (mosquitos, algae, weeds etc)
- Aid landscaping by reducing erosion
- They trap up to 80% of the total suspended solids including salt and oil that would otherwise go into the Lake
- Aid with keeping water on the property for plants and trees
- Increased pedestrian safety by reducing slipping potential

Cost

- \$4-\$8 per square ft

Porous Pavers have visible holes that allow grass and other natural material to continue growing. This structure allows for load distribution and lessens soil compaction.



In cities and developed areas, natural areas are increasingly replaced by impermeable surfaces such as buildings, roads, and parking lots. This change from drainable surface to undrainable (or "impermeable") poses an increased risk to our storm water systems and to Lake Superior. Storm water that was once able to soak directly into the ground and was used by grass, plants, and trees, now has to travel sometimes long distances in order to find an outlet. The more impermeable surface in a city, the greater risk of flooding, with that water collecting all solids and pollutants on the roadways and carrying it to the closest water way. This increased water volume also puts a great strain on city infrastructure and causes our wastewater treatment plant to process more than they need to, causing unneeded costs to taxpayers.

Find yourself next to the water.

ASHLAND

City of Ashland, Wisconsin

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