

PaveDrain Permeable Pavement Frequently Asked Questions



The Midwest's Most Trusted
Site Solutions Provider

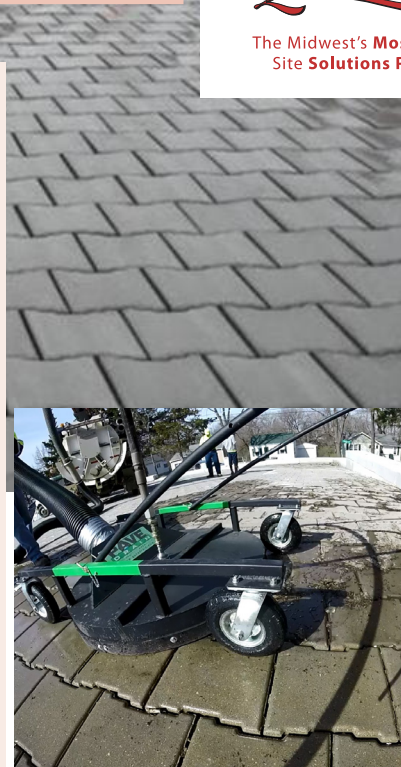
PaveDrain:

1. What is the volume of water that the arch of the block holds? The PaveDrain arch can hold one inch of stormwater per square foot of block.
2. Do I need to infill the block joints? No-this is the real advantage of the PaveDrain block. Because of these open joints, this block can drain at over 3000 inches per hour.
3. How do you maintain? With the PaveDrain Vac-head, maintenance is performed using a normal vacuum truck found in most municipal maintenance facilities. Utilizing 2500 psi water jets to impact the debris, the 3400cfm vacuum sucks it up and out into the storage compartment of the truck. In a University of Louisville study, the infiltration rate was returned to over 90% original capacity and in several cases closer to 100% of original capacity.
4. Is it more expensive compared to regular pavement?

On strictly a square foot cost basis, yes. When you look at the life cycle cost, including the stormwater management cost of having to manage the impervious surface and the cost of maintenance, PaveDrain can come in 20-30% less expensive.

In some cases, the use of PaveDrain can eliminate or reduce the need for traditional stormwater infrastructure such as intakes and culverts, which can lower the comparative cost of the overall site development.

5. Than porous concrete? With maintenance being somewhat an issue with porous concrete as well as longevity, the life cycle cost of porous concrete is higher.
6. Porous Asphalt? Same as porous concrete
7. Porous pavers (Patio)? Porous pavers are very different. Where PaveDrain infiltrates at over 3000 inches per hour, porous pavers state infiltration rates of 140" per hour but quickly can degrade in infiltration to 10" and under.
8. Is a crane required to install PaveDrain? No. While a crane may be the best option for some sites with cable-tied mats, many large excavators can lift and place cable-tied mats as well, depending upon the mat size and weight. Small sites or sites with challenging access may require hand placement of individual blocks instead of mats.
9. What if one or more PaveDrain blocks gets damaged during installation? Individual PaveDrain blocks can be removed and replaced without heavy equipment or disruption to the system.



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