

Pervious Concrete

Owners Manual & Maintenance Outline

Congratulations!

By installing a Pervious Concrete pavement you have demonstrated your commitment to the environment and the future of our planet. To make sure your pavement continues to help keep streams clean for decades to come, please take a few moments to review this manual.

Protect the Voids!

It is critically important that you protect the voids in your pavement. Pervious Concrete allows rainwater to pass through the pavement and into the soil. There are several easy but critical steps to protecting voids and insuring a long and effective life for your pavement.

First, do not allow fine materials to be dumped onto the pavement.



Protect pervious surfaces from potential hazards like slopes that could slide or erode onto the pavement and clog up the voids.

Also, do not allow unfiltered runoff to drain onto your pavement.

Be careful to prevent erosion from landscaping or adjacent properties from running directly onto the pervious pavement.

Be responsible for preventing other sourced of outside silts or fine material that may over time clog the voids. For example:

Avoid washing vehicles with heavy accumulations of dirt on your pavement.

Remove leaves, needles or other vegetation accumulations on the surface.



Don't Dump Dirt or Bark Mulch on Pervious Concrete

Scheduled Testing

At the completion of your job, prior to putting the concrete into service, your contractor should do tests of the infiltration rates of your pervious concrete according to the ASTM C1701 standard. The results should be reported in writing to the owner and then the same tests, in the same areas should be done at six month intervals for the first twenty four months after the job is complete and again, the results should be reported in writing to the owner. This will enable the contractor to help the owner develop or modify maintenance plans to keep the pervious concrete working as it is designed.

Scheduled Maintenance

Flush surface at least once per year or as needed to remove normal debris accumulations. Every year a certain amount of dust, vegetation, and other debris will accumulate on and within your pavement. That is normal and nothing to panic about but it is important to perform cleaning operations annually or as needed to protect the voids and extend the useful life of your pavement.

We recommend you contract with local street sweeping and cleaning vendors to perform scheduled maintenance so you won't have to worry about it and you won't forget about it. If you have trees or other vegetation that continuously drop leaves or needles onto the surface, you should clean more often to remove debris.

Use Water to Wash off surface

Water tends to dislodge surface material that gets ground into the pavement better than vacuum trucks. High volume - low pressure water has proven to be most effective, so that is what we recommend.

Remove Unusual Debris

Prevent clogging and extend the effective life of your pavement by quickly removing leaves, tightly packed clays, or other fine materials from the surface. Occasional exposure to sticky clay or other fine sediments is not good but generally not fatal. Use common sense and flush the surface as soon as possible for best results.

Abuse, neglect or over exposure to sediments will certainly limit the draining ability of this product. So remember:

1. **Prevent** sediment accumulations.
2. **Clean** debris off quickly.
3. **Schedule regular maintenance** to provide the greatest effectiveness of your pavement.

