



11880 S Krepps Rd ~ DeWitt MI 48820  
Phone: (517) 393-5000 ~ Fax: (517) 393-5026  
www.hannemanandfineis.com

---

## Pervious Concrete – Care & Maintenance

---

“The majority of pervious concrete pavements function well with little or no maintenance. Maintenance of pervious concrete pavement consists primarily of the prevention of clogging of the void structure.”

**DEBRIS:** “Site preparation and drainage of surrounding landscaping should be designed to prevent flow of materials onto pavement surfaces. Soil, rocks, leaves, and other debris may infiltrate the voids and hinder the flow of water, decreasing the utility of the pavement. Landscaping materials such as mulch, sand and topsoil should not be allowed to accumulate on the concrete.”

**VACUUM:** “Vacuuming annually or more often may be necessary to remove debris from the surface of the pavement.” “Permeability can be increased with vacuum sweeping.”

**WASHING:** “Cleaning options may include pressure washing or power blowing. Pressure washing of a clogged pervious concrete pavement has restored 80% to 90% of the permeability in some cases.”

**SAND:** “In cold climates, sand should not be applied for snow or ice conditions.”

**SALT:** “Salt can be used in moderation.”

**PLOWING:** “Snow plowing can proceed as with other pavements.” “Plowed snow piles should not be left to melt over the pervious concrete as they can receive high sediment concentrations that can clog them more quickly.”

**COLD WEATHER:** “Pervious concrete has been found to work well in cold climates as the rapid drainage of the surface reduces the occurrence of freezing puddles and black ice. Melting snow and ice infiltrates directly into the pavement facilitating faster melting. Cold weather and frost penetration do not negatively impact surface infiltration rates. Permeable concrete freezes as a porous medium rather than a solid block because permeable pavement systems are designed to be well-drained; infiltration capacity is preserved because of the open void spaces (Gunderson, 2008).”

**DURABILITY:** “Properly constructed permeable concrete can last 20 to 40 years because of its ability to handle temperature impacts. (Gunderson, 2008).”