

## Why Use FilterPave™ Porous Pavement?



The cost and complexity of complying with state and federal Stormwater regulations is a fact of life. The single most important driving force of that cost and complexity is the amount of impervious area on a project site.

The more impervious area devoted to parking lots, internal roadways and sidewalks, the less available area for buildings or other amenities. Expensive and complicated measures to capture, treat, store and control the resulting Stormwater runoff are also required.

The **FilterPave™ system** is a unique advance in pavement technology combining improved performance and safety with environmentally friendly components.



The **FilterPave™ system** is comprised of either a 4" layer of specially-treated 70-80% post-consumer recycled glass, 20-30% granite and a polymer binder or, a 2" layer of the above mix installed in a recycled plastic substrate for higher torsional loads and surface wear.

The **FilterPave™ system** is a hard-surfaced pavement with porosity comparable to an open graded base course and a riding surface similar to concrete.

## FILTERPAVE™ PRODUCT NOTE

Its aesthetically-pleasing color and use of recycled materials make the system ideal for LEED® green building certification credits.

By capturing rainfall as it lands and allowing it to infiltrate into the ground, the **FilterPave™** Porous Pavement can significantly minimize or eliminate runoff and the problems and costs associated with it.



Rainfall through the pavement can also be collected and transported to storage containers for later use in landscaping and other facility applications.

Mixing and installation are very similar to conventional concrete pavements. Unlike concrete, the FilterPave™ system is fully cured and ready for use in 48 hours.

Normal maintenance consists of sweeping, flushing and/or vacuuming the **FilterPave™ system** once a year or when required.

Research at the University of New Hampshire has shown that in cold climates, porous pavements offer savings of between 75% and 100% on de-icing

materials. Air circulation through the open pores of the pavement and the reduction of natural ice insulation created by standing water accelerates the natural melting process.

By greatly reducing the need for de-icing materials, the **FilterPave™ system** causes significant reductions in chloride runoff, which is an increasing concern of both EPA and state regulators.

Traditional site development costs such as curbs, catch basins, pre-treatment systems, subsurface drainage systems, inlet/outlet protection measures, etc. related to paved areas can generally be eliminated or greatly reduced in size and cost.

The **FilterPave™ system** is not only friendly to the environment, it can lower construction and maintenance costs now and in the future.

For parking lots, driveways, sidewalks, pedestrian and recreational pathways, landscaping and architectural applications, the FilterPave™ system is unquestionably

**A Pavement Like No Other!**



  
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