

Eco-Elegance Defined



FILTER PAVE®

Featuring BASF Chemistry



The Porous pavement system made from
100% post consumer recycled glass

FILTER PAVE® Porous Paving

The Eco-Elegant Stormwater Management Solution.

FILTERPAVE® is a poured-in-place mix of recycled 100% post-consumer recycled glass, regionally-sourced stone or glass/stone combination that is bonded with a proprietary BASF® polyurethane elastomeric binder. The result: a unique porous paving surface that is versatile, beautiful, flexible and durable.





FILTER PAVE®
Featuring BASF Chemistry

POROUS PAVING SYSTEM



LEED® CREDITS
US GREEN BUILDING COUNCIL

CONTRIBUTION CREDIT CATEGORIES for the FILTERPAVE™ SYSTEM		
SUSTAINABLE SITES	CREDIT 5.1: SITE DEVELOPMENT: PROTECT OR RESTORE HABITAT	
	CREDIT 6.1: STORMWATER DESIGN: QUANTITY CONTROL <small>Maintain natural stormwater flows by promoting infiltration.</small>	
	CREDIT 6.2: STORMWATER DESIGN: QUANTITY CONTROL <small>Use pervious pavements to reduce pollutant loadings.</small>	
	CREDIT 7.1: HEAT ISLAND EFFECT: NON-ROOF <small>SRI of at least 29.</small>	
MATERIALS & RESOURCES	CREDIT 4.1: RECYCLED CONTENT: 10% <small>Post-consumer.</small>	
	CREDIT 4.1: RECYCLED CONTENT: 20% <small>Post-consumer.</small>	
	EXTRACTED, PROCESSED AND MANUFACTURED REGIONALLY CREDIT 5.1: MANUFACTURED WITHIN A RADIUS OF 500 MILES: 10%	
	EXTRACTED, PROCESSED AND MANUFACTURED REGIONALLY CREDIT 5.2: MANUFACTURED WITHIN A RADIUS OF 500 MILES: 20%	

Filter Pave™ Products LLC | 555 Green Meadows Rd, Ste 9 | Columbia, MO 65201
Filter Pave is a registered trademark of Filter Pave Products, LLC. (573) 228-9025 | www.filterpave.com

While the FILTERPAVE Glass Series and the FILTERPAVE Stone Series are placed like concrete, they perform with the best qualities of both concrete and asphalt, and exhibit one of the highest permeabilities of all porous pavements in the marketplace.

FILTERPAVE pavements offer architectural aesthetics, design flexibility, and environmental benefits that surpass standards for other pavements of its kind.

- Made from 100% post consumer recycled glass and regionally sourced stone and aggregate
- Can help achieve LEED®¹ credits
- Mitigates Urban Heat Island with a Solar Reflective Index of 29
- Effective for storm water management. (2xs more porous than competing systems)
- Durable to harsh weather due to advanced, flexible BASF polyurethane elastomeric binders
- Poured in place for optimal design flexibility
- Colorful options for glass, stone and stone/glass combinations

1. LEED is a registered trademark of the U.S. Green Building Council (USGBC). This information has been prepared for the benefit of customers interested in the FILTERPAVE porous pavement system. It was reviewed carefully prior to publication. FILTERPAVE assumes no liability. Final determination of the suitability of any information or material for the use contemplated, or for its manner of use, is the sole responsibility of the user, for its accuracy or completeness.

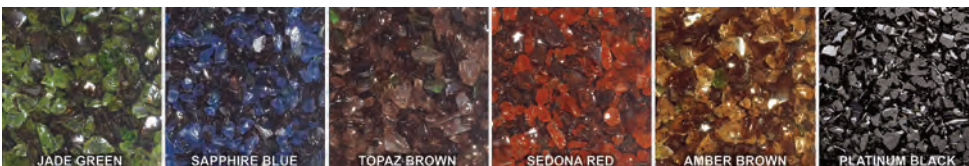
Eco-Elegance Defined

FILTERPAVE® Stone Series



FILTERPAVE® Stone and Glass/Stone Mixes are recommended for vehicular applications. Seen here: FILTERPAVE Stone Series, Central Park, NYC

FILTERPAVE® Glass Series



FILTERPAVE® Jade Green and Sapphire Blue Glass Series International Crane Foundation, Baraboo, WI.

Visual Appeal

Decorative recycled glass and aggregate porous pavements offer higher aesthetic appeal than conventional porous asphalt or pervious concrete.

Color options are achieved through pigmented glass aggregate, natural architectural stone aggregate or glass and stone combination.

FILTERPAVE® Stone Series

The elegance of natural stone is the signature of FILTERPAVE pavements and its characteristics contribute to many of the same green building credits and low-impact development benefits.

FILTERPAVE® Glass Series

A colorful mosaic is created by the FILTERPAVE system's bonded recycled glass aggregate and offers the easiest way to reduce environmental impact and earn green building credits.

Due to variations in color mix of recycled glass or natural stone minerals which are mined directly from the earth, a possibility of slight color change and particulate concentrations may cause minor disparities. These differences add to the distinct and authentic look of the system. Please refer to the Product Specifications for more information at filterpave.com/resources.

Applications



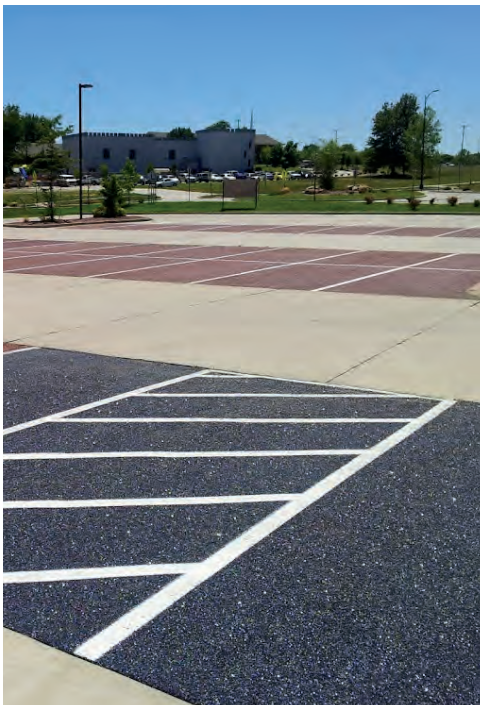
Driveways



Pedestrian Plazas



Tree Wells



Parking Areas

FILTERPAVE Stone and Stone/Glass Series are recommended for vehicular applications



Golf Cart Pathways



Sidewalks



Trails/ Walkways



FILTERPAVE® FAQ

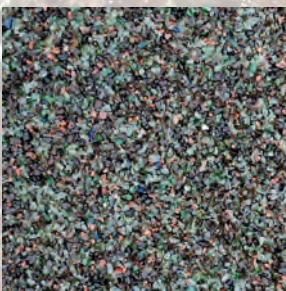
FACT CHECK

Most bottles that consumers clean and sort are recycled at recycling centers and reused and saved from landfills.

TRUTH

Most bottles you bother to “recycle” end up in landfills.

But **FILTERPAVE**, LLC is committed to changing that. Approximately 90 recycled glass bottles of all colors are used in just one square foot of **FILTERPAVE** pavement.



Q: How does **FILTERPAVE** perform in extreme weather?

A: The **FILTERPAVE** Porous Pavement system is flexible, durable, and resistant to freeze-thaw-heat cycles and has been installed successfully in cold climates such as Wisconsin and Canada.

FILTERPAVE performs well under extreme heat because the BASF Elastomeric Polyurethane binder is stable under a very wide range of temperatures and allows for expansion and contraction.

Porous Pavement	Sustainable Void Space, %
FILTERPAVE®	39
FILTERPAVE® Stone Series	47
Pervious Concrete	20
Porous Asphalt	N/A
Flexipave®	18
Pavers	10

Q: How do I manage snow removal on **FILTERPAVE**?

A: All **FILTERPAVE** porous pavements should be plowed using a polycarbonate type-cutting blade mounted to a traditional truck mounted plow. Shovels and snow blowers can be used as normally done on other pavements.

Q: Will **FILTERPAVE** clog?

A: Filterpave is twice as porous as other hard-surfaced porous pavements, resulting in a greater reduction of storm water runoff². Testing results indicate that the **FILTERPAVE**® porous pavement system is nearly twice as porous as pervious concrete and maintains the highest sustainable void space of any porous pavement system.

Q: What goes under **FILTERPAVE**?

A: All **FILTERPAVE** projects require a geotechnical evaluation of the permeability of the underlying native soils. With this information and the design storm requirements, an open graded base layer constructed of clean, washed rock or recycled concrete are used at various depths to provide the appropriate amount of storm water storage /structural base to both infiltrate water and support the pavement.

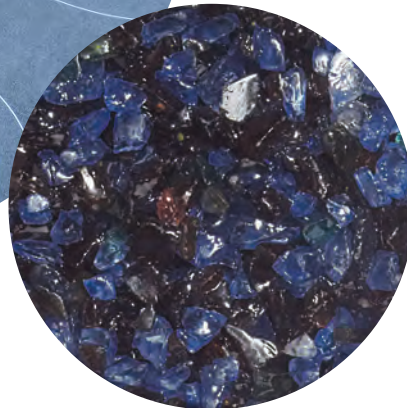
With all porous pavement systems, it is important to have a site specific, open graded infiltration base designed for storm water storage. This base area is typically made of rock with approx. 40% void ratio that can accept the expansion of water to ice (approx. 15%) without any damage to the pavement.

2. Based on performance testing conducted by the Stormwater Management Academy at the University of Central Florida.

Porous Paving Solutions with Intelligent Beauty



Western Oregon University - Monmouth, OR



- Made from 100% recycled glass and regionally-sourced aggregates
- Colorful choices combined with poured-in-place installation equals design freedom
- 2X more porous than competing systems
- High reflectivity combats Urban Heat Island Effect (SRI 29)
- Reduces landfills and retention ponds in one step
- Naturally irrigates and replenishes aquifers

FILTERPAVE...
the Eco-Elegant Answer
for Stormwater Management



FILTER PAVE®

Featuring BASF Chemistry

FILTERPAVE Products, LLC | 555 E. Green Meadows Rd., Suite 9 | Columbia, MO USA 65201 | Tel: 573-228-9025

Visit filterpave.com

Copyright 2012 FILTERPAVE Products, LLC. All Rights Reserved.