

## **FILTERPAVE – POROUS PAVEMENT SYSTEM**



**The FILTERPAVE™ system is the newest green evolution in hard-surfaced porous pavements, with features, performance and environmental benefits that vastly surpass standards for pavements of its kind. The FilterPave porous pavement system is truly in a class by itself.**

**Highly-Aesthetic Surface:** With architectural aesthetics, the FilterPave surface is an attractive and colorful mosaic of recycled variant-colored glass bonded with a high-strength natural binder. Color varies by region and optional color enhancements are available.

**High Porosity:** The structurally-sound system is twice as porous as other hard-surfaced porous pavements, resulting in a greater reduction of storm water runoff.

**High Percent Use of Recycled Materials:** The pavement uses a high percentage (~90%) of 100% post-consumer recycled glass in the mix, allowing constructive use of abundant materials that are traditionally land filled. The specially-processed and bonded glass is as safe as any traditional surface on which to walk or drive.

**Low Environmental Impact:** The highly permeable surface is a natural low-impact-development BMP for reducing storm water runoff, managing stormwater on-site and reducing the requirements and costs for storm water collection systems. Polluting fluids that leak from automobiles are also *adsorbed* by the glass pavement.

**Eco-Friendly:** The adhesive is comprised of 2/3 natural plant-based resin, safe for marine and plant life.

**Extremely Low Carbon Footprint:** Unlike most existing hard-surfaced porous pavements, the FilterPave system has a negligible contribution to the creation of hydrocarbons in the manufacture of its components, transportation of materials and in its placement.

With a hardened surface comparable with open-graded base course (OGBC), the system can be designed to handle light to heavy pedestrian or vehicular traffic loads with permeable base when required.

### **APPLICATIONS**

Parking Areas	Golf Cart Pathways
Trails/Walkways	Sidewalks and Driveways
Pedestrian Patios	Boat Ramp Landings

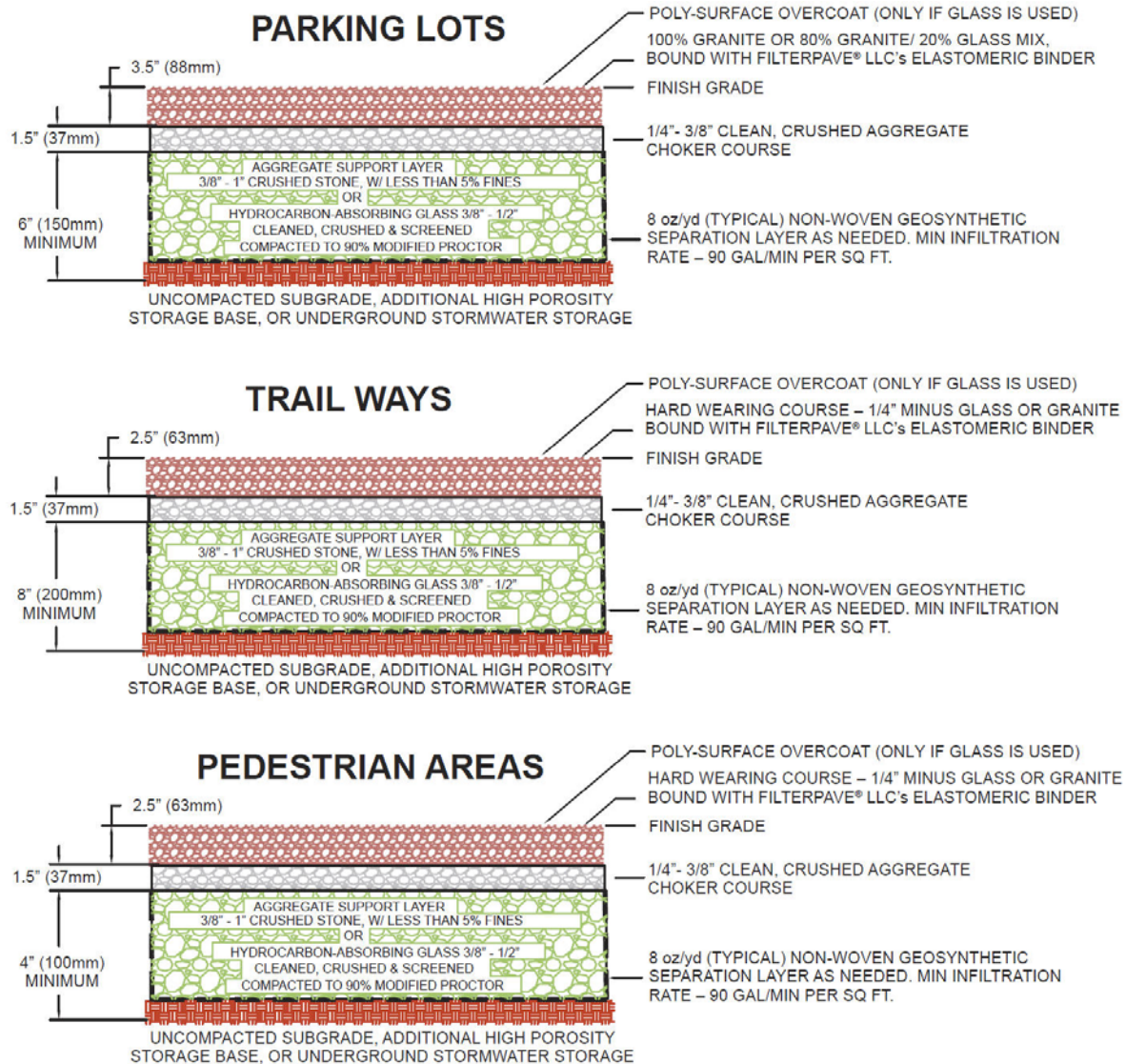
### **LEED® GREEN BUILDING CREDITS**

Contributes to LEED® green building credits in the following categories: Reduced Site Disturbance Stormwater Quality and Quantity Control Reduced Heat Island Effect Recycled Material Content

**INSTALLATION** The FilterPave system is installed by a nationwide network of Certified Contractors, experienced in the application of specialty pavements.





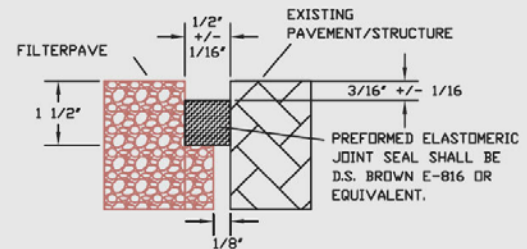


#### GLASS PROPERTIES

THE GLASS SHALL BE PROCESSED USING FILTERPAVE® PRODUCTS, LLC'S PATENTED PROCEDURE FOR USE IN THE FILTERPAVE® POROUS PAVEMENT SYSTEM. ONLY GLASS PURCHASED THROUGH FILTERPAVE® PRODUCTS, LLC OR AN AUTHORIZED AGENT IS ACCEPTABLE.

#### BINDER PROPERTIES

THE BINDER SHALL BE A UNIQUE ELSTOMERIC BINDING MATERIAL MANUFACTURED SPECIFICALLY FOR USE IN THE FILTERPAVE® POROUS PAVEMENT SYSTEM. ONLY BINDERS PURCHASED THROUGH FILTERPAVE® PRODUCTS, LLC OR AN AUTHORIZED AGENT IS ACCEPTABLE.



ABUTTING FILTERPAVE® TO EXISTING PAVEMENT/ STRUCTURES (WHEN JOINT IS REQUIRED)

#### NOTES:

- 1) BASE DEPTHS SHOWN ARE MINIMUMS FOR STRUCTURAL STRENGTH. POOR SUBGRADE PERMEABILITY AND/OR AREAS WITH HIGHER THAN AVERAGE RAINFALLS MAY REQUIRE MORE BASE AS A STORAGE RESERVOIR.
- 2) SUBGRADE TO BE EVALUATED FOR CBR VALUE AND PERMEABILITY IN ALL CASES.

FOR MORE INFORMATION GO TO: [WWW.FILTERPAVE.COM](http://WWW.FILTERPAVE.COM)  
OR EMAIL SCOTT WENDLING AT: [INFO@FILTERPAVE.COM](mailto:INFO@FILTERPAVE.COM)