

What is Flexi®-Pave?

Discover what makes this material so unique

Flexi-Pave is a porous, non-cracking, insulating, and flexible construction material that can be used for a variety of applications. The revolutionary product is composed of 95% recycled tires and 5% recycled water. This material is made up of 95% recycled tires and 5% recycled water. The result is a permeable, porous, insulating, and flexible material that is designed for use in applications with potential water runoff, such as parking lots, roads, and sidewalks. The porous composition of Flexi-Pave allows for the infiltration of water to help reduce runoff and the perfect solution for urban storm water management problems.

What is Flexi-Pave made of?

1. Recycled 55 inch diameter tires (80% recycled tire granules)
2. Recycled 1/2 inch size aggregate rock
3. Flexi-Pave proprietary 100% recycled binding agent

Flexi-Pave uses a 50 percent ratio of stone and recycled tires. The tires are mixed evenly with a synthetic binding agent and applied as a single monolithic pour. The resulting mixture has the capacity to absorb water, store it, and release it. The material is made up of 95% recycled tires and 5% recycled water. It is resistant to transmission heat, water flow, gas/vapors, and is resistant to salt water, chlorine, acids, bases, acids, and magnesium chloride. These properties make Flexi-Pave an ideal surface for parking lots and streets.



Increasing infiltration rates into the subgrade and sand filter

Features and Benefits

- **Flexi-Pave** is a non-cracking, non-cracking, non-cracking material.
- **Stormwater Management**: Flexi-Pave is a permeable material that allows water to infiltrate the ground, reducing runoff and improving water management.
- **Resistant to Physical Damage**: Heavy objects (e.g., cars, trucks, etc.) can be driven over Flexi-Pave without causing damage.
- **Difficult to Damage**: Flexi-Pave is resistant to damage from heavy objects (e.g., cars, trucks, etc.) and is resistant to damage from heavy objects (e.g., cars, trucks, etc.).
- **Impact Absorbing Surface**: Flexi-Pave is a soft surface that can absorb impact from heavy objects (e.g., cars, trucks, etc.) and is resistant to damage from heavy objects (e.g., cars, trucks, etc.).
- **High Resistance to Salt Water**: Flexi-Pave is resistant to salt water and is resistant to damage from salt water.
- **Resistant to Freezing**: Flexi-Pave is resistant to freezing and is resistant to damage from freezing.
- **Resistant to Mechanical Damage**: Flexi-Pave is resistant to mechanical damage and is resistant to damage from mechanical damage.
- **Cost Effective**: Flexi-Pave is a cost-effective material that can be used in a variety of applications.
- **Non-Cracking**: Flexi-Pave is a non-cracking material that can be used in a variety of applications.
- **Non-Asphalt**: Flexi-Pave is a non-asphalt material that can be used in a variety of applications.



Cooler than asphalt with a 10-degree Celsius temperature difference

Flexi-Pave

United States

A permeable pavement system made of recycled tires that helps to reduce the urban heat island effect and improve stormwater management.

Cool pavement

Stormwater Management

11 SUSTAINABLE CITIES AND COMMUNITIES

