

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, lasting, and durable material. It is designed for use in applications with potential water runoff, and it is easy to install. The porous composition of Flexi-Pave also allows for the passage of water to help through making it 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 made from a synthetic binding agent and applied as a single monolithic pour. The resulting material has the capacity to absorb water, store, and release it. It is made from 100% recycled tires and 5% recycled water. It is resistant to temperature fluctuations, freeze/thaw, gas/vaporization, hydrocarbons, fuel, salt water, chlorine, sodium, potassium, acids, and magnesium chloride. These properties make Flexi-Pave an ideal solution for urban water management solutions.



Permeable structure allows water to pass through and be stored.

Features and Benefits

- **Flexi-Pave** will not crack even with road expansion.
- **Stormwater** management for government, private, and commercial water management.
- **Recycled** material: 100% recycled tires and 5% recycled water.
- **Resistant** to physical force: heavy objects do not cause indentations when removed, no tire marks, no damage.
- **Difficult water** type: 100% recycled tires (e.g., 100% recycled tires, etc.).
- **Impact absorbing surface**: injury reduction for joggers and cyclists, makes it safe for all users.
- **High** resistance to salt, chlorine, sodium, potassium, acids, and magnesium chloride.
- **Resistant to freeze/thaw**: reduction of operation and maintenance costs such as resurfacing, potholes.
- **Excellent** mechanical strength: resistant to snow plow damage.
- **Cost** savings: 10% reduction in water management and storm water disposal. Use of Flexi-Pave can result in a 50-75% reduction in snow melting costs and a 100% reduction in water disposal costs.
- **Non-toxic**: 100% recycled tires and 5% recycled water.
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Flexi-Pave with a WarmZone heating system.



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

