Porous Pave

PERMEABLE • DURABLE • FLEXIBLE

What is Porous Pave?

Porous Pave is a unique surfacing material made from recycled tires.
It is very durable and highly porous!

Porous Pave is available in two versions:

Porous Pave XL is a hard material made from 50% recycled tires, 50% stone aggregate and a moisture cured urethane binding agent.

Commonly used in pathways, driveways, patios, sidewalks and other areas used for walking or light vehicle traffic.

Thickness of install will vary from 1" to 2" thick depending on application

Porous Pave XLS is a softer material made from 100% recycled tires and a softer, more flexible urethane binding agent.

Commonly used in pool surrounds and play areas where a impact absorbing surface is desired. Not for use in areas where wheeled vehicle traffic occurs

Thickness of install will be 1" or 2" depending on application

The unique tire grinding process ensures that over 99.5% of the steel fragments are removed from the tires.

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888-448-3873 • Fax 231-834-5537 • www.porouspaveinc.com

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Key Sales Features

Highly Porous

One of Porous Pave's biggest features is its highly porous structure. Porous Pave allows large amounts of water to drain through it, thereby minimizing the amount of volume directed to storm drains, basins and other areas of drainage.

- Rainwater is evenly dispersed over the ground and allowed to soak in rather than all of it being directed to storm sewer or retention ponds.
- Erosion and channeling of water is reduced around perimeter of sites not using storm sewers or retention ponds.
- Less run-off results in minimal and in some cases no sub-surface plumbing or catch basins — greatly reducing costs. Also, retention ponds may be reduced in size allowing more usable land for building, parking, etc.
- The non-skid properties of Porous Pave combined with its water storage capacity makes it safer than most other products in similar applications for walkways and parking areas.
- Porous Pave diminishes water run off by allowing water to soak through into the ground.
- Reduces need for separate retention areas and increases usable square footage of site.
- Porous Pave eliminates puddles in low areas.

Environmentally Friendly

- Porous Pave is made from recycled tires. The shredding process removes all steel fragments and produces approximately $^{1}/_{4}$" - $^{3}/_{8}$" rubber "chips". The use of Porous Pave keeps thousands of tires from going to the landfill. For example, 4500 Lb of scrap tires are used to create 1,000 square feet of 2" porous pavement.
- Porous Pave is mixed on-site and can be applied with little or no damage to existing landscape.

Flexible

- Resists cracking and heaving commonly found on concrete sidewalks. Reduces the chance of slip and fall accidents.
- 50% rubber content allows product to move if sub-base moves.

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Key Sales Features *(Continued)*

Frost & Freeze Resistant

- Flexible nature withstands cracking or heaving due to ground movement or frost
- Porous Pave can be applied in temperatures between 40º and 90º F and generally cures in 24 hours, this is a much wider temp range and faster cure time than similar engineered surfaces

Installation Benefits

- Installs in less than half the time of brick pavers
- Low impact installation - no heavy equipment needed, ideal for use in existing landscapes.
- Porous Pave is one large expansion joint eliminating the need for “saw cuts” or expansion strips.
- Entire surface is porous - not just certain areas like brick pavers.

Slip Resistant

- High rubber content ensures good traction even when wet ... lessening the chance of slip and fall accidents.
- Textured surface is not slippery compared to smooth surfaces like concrete.

Strong & Durable

- At only 2" thick, Porous Pave can handle low speed car traffic
- Use at 1½" thick for bike paths, patios, trails or any other foot and pedestrian traffic
- Use at 1" to overlay existing concrete, asphalt, metal surfaces and wood
- Porous Pave is resistant to oil, chlorine, ozone, UV rays, muratic acid, transmission fluid, gasoline, diesel, hydraulic fluid, salt water and many other hostile materials
- Resistant to snow plow damage

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General Specifications

A proven paving product that is durable, flexible and highly porous. It is made from recycled tires, aggregate and a special single component urethane that remains flexible.

Features	*Benefits*
Permeable	Rated at 27% porosity, 5800 GPH permeability
Slip Resistant	Lessons the chance of slip and fall accidents
Flexible	Flexibility of product withstands cracking or heaving
Durable	Resistant to most hostile materials (oil, gas, chlorine, UV, etc.)
Quick Installation	Mix and pour in place application on site
Strong	Can handle low speed traffic at only 2" thick
Environmentally Friendly	Made from recycled tires, every 1000 square feet of Porous Pave saves about 4,100 pounds of tires from the landfill

Installation should be preformed by a Certified Installer

A hard material made from 50% recycled tires, 50% stone aggregate and a moisture cured urethane binding agent. Thickness of install will vary from 1" to 2" thick depending on application. Can be installed from 45º to 95ºF temperatures, curing temperature should not drop below 35ºF. Fully cured in 24 hours after installation, creating an extremely porous, heavy duty surface.

Substrates for Porous Pave

- At 2" thick a base of 4" crushed stone or similar aggregate with low fines, 3/8" to 3/4" in size, compacted to a density of 95% minimum is needed
- At 1 1/2" thick it is designed for foot traffic only and requires a 2" aggregate base
- At 1" thick it is designed to install over an existing engineered surface (concrete, asphalt, wood, etc.)

Uses

Storm water management, driveways, sidewalks, pathways, patios, pool surrounds, tree surrounds, play grounds, maintenance strips, cart paths, bunker liner, etc.

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Tree Surrounds

Typical Material Install:

2" Porous Pave XL

Typical Base Requirement:

2" Crushed Stone Base

Porous Pave is ideal for use around trees — allows air and water to tree roots while providing a durable, slip resistant surface.

- Reduces maintenance commonly found with metal tree grates
- Can be cut as trees grow larger
- Pour-in-place material can fit any shape or size
- Low cost, durable installations provide years of maintenance free service
- Install as a long term replacement to metal tree grates higher maintenance covering like bark, pea stone, etc.

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Color Options

The Porous Pave manufacturing process infuses our recycled rubber chips with rich colors. Porous Pave colors are deep and enduring – not thin outer coatings that flake off or fade away.

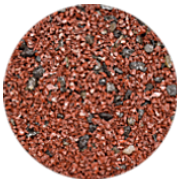
Porous Pave's versatility gives you options. We offer eight standard colors. You can mix and match any two of our eight colors to create custom color combinations. Porous Pave is pourable within forms to express creative designs in permeable pavement with distinctive shapes in different colors.

Standard Colors


Black

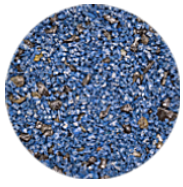

Brown


Cypress


Redwood


Tan


Grey


Blue


Green

Custom Colors


Brown-Tan


Redwood-Black


Black-Tan


Grey-Black


Cypress - Black


Green-Brown


Blue - Grey


Brown-Black

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