

## PERMEABLE PAVING

### What is it?

A type of safety surfacing used for playgrounds, parks, woodlands areas and pathways.

The soft, impact absorbing features are great for walking and playing on.

Comes from 100% recycled truck tyres from which all steel is removed.

Fast and lowest cost manufactured product.

### Key features and benefits

- Gives all natural appearance
- Enables contaminated city water to be absorbed into the soil and not flowing into our creeks and water ways
- Soft and flexible; can be installed right to stem
- Allows roots to grow through and expand without cracking
- 100% safe with no residue or leachate
- Long-lasting
- Little to no maintenance
- The stabilized surface guards against slip hazard posed through loose fill options.

Before



After



### Technical Details

- Recycled rubber from truck tires that has been shredded to prescribed size. All steel removed<sup>®</sup>; bonded with resin to form a porous, flexible layer that can withstand foot traffic and ground movement
- When tree stems grow the rubber can be adjusted to stem size by cutting in situ
- No need for compaction to support weight
- Can take loads through recoil dispersement
- Percolation rates can reach from 330 L/min and increases with more traffic flow\*
- Filters sediment before it reaches drainage material, thereby extending service life (when measured against other materials)
- Can be supplied in black, brown and green to match surrounding area or provide contrast
- Great for sloping areas as it will not migrate like loose materials (shell, lime chip etc)
- High porosity aids tree health by providing air and water to roots
- No leachate

\*The percolation rates may vary depending on the geographical and climatic conditions. Green and brown colours can fade with time.

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### Installation

#### 1. Make the bonded bark.

The long strand recycled rubber particles are mixed with a special polymer resin binder to form a continuous layer to provide integrity and guard against movement.

#### 2. Apply fresh mixture on the ground surface.

The fresh mixture is applied to the pre-prepared area (with drainage and fill to grade already completed) at the interface with the paving and concrete. It is then smoothed in a manner similar to concrete and can be contoured around roots or obstructions.



### Great to know

- It can be installed in any shape profile
- Can be used as edges to surround washed out beds and retail soil
- Has low ground impact for walkers

### Value for money

Rubber mulch is a **cost effective** product with a **multitude of uses**. It can be installed on uneven concrete and lowers foot pressure. For a little more than the price of a traditional tree pit you will have more stable option without the ongoing maintenance requirements.

The useful life expectancy of this product is **averaging 5 years** before repairs are required. Also, it can be effectively repaired without having to repave the entire planter bed

The only fully dynamic **100% recycled tree surround system** on the market presently

Matching the colour and contours of the surrounding areas also minimizes installation costs

Porous nature allows land owners to **maximize their land use** by applying hard surfaces without infringing on consented limits

**Outlasts** other permeable options through its **inherent flexibility** and the ability to trim to shape as trees grow

### Our Customers

