

# PermeTeq™

## Wet Pour Permeable Surfacing

### What is it?

A type of permeable and anti-slip safety surfacing used for playgrounds, parks, woodlands areas and pathways.

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

Made 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
- Permeable and anti-slip
- Enables water to be absorbed into the soil, averting street flooding and diverting from creeks and waterways
- High porosity allows air and water to get to roots, for healthier trees
- 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
- Self-cleaning, long-lasting and little to no maintenance
- Stabilised surface guards against slip hazard posed through loose fill options

**New**  
PRODUCT

*Before*

*After*

### 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 minimises installation costs.
- Porous nature allows land owners to maximise 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.

0800 873 396 [www.treescape.co.nz](http://www.treescape.co.nz)

**Treescape®**



*Wet Pour Permeable Surfacing*

## **Great to know**

**PermeTeq™** can be installed in any shape profile. It can be used as edges to surround washed out beds and retail soil and has low ground impact for walkers

### **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.



### **Technical Details**

- Recycled rubber from truck tires that has been shredded to prescribed size. All steel removed & bonded with resin to form a porous, flexible layer that can withstand foot traffic and ground movement
- AS/NZS.4663:2004 - Wet Pendulum Testing & AS/NZS.4586:2004 - Pedestrian Surface Materials: Very low notional contribution of the floor surface to the risk of slipping when water wet
- High porosity, allowing air and water to get to roots
- 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.)
- 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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