

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.

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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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