

**PERMEMIX IS A HIGH-PERFORMANCE, PERMEABLE SURFACE THAT BLENDS SUSTAINABILITY, STRENGTH + VISUAL APPEAL.**

**MADE FROM RECYCLED TYRE RUBBER + PREMIUM AGGREGATES, PERMEMIX IS AVAILABLE IN A RANGE OF COLOURS, DESIGNED TO INTEGRATE SEAMLESSLY INTO YOUR PROJECT SPACE, OFFERING UNMATCHED DESIGN VERSATILITY WHILE DELIVERING LONG-TERM DURABILITY.**

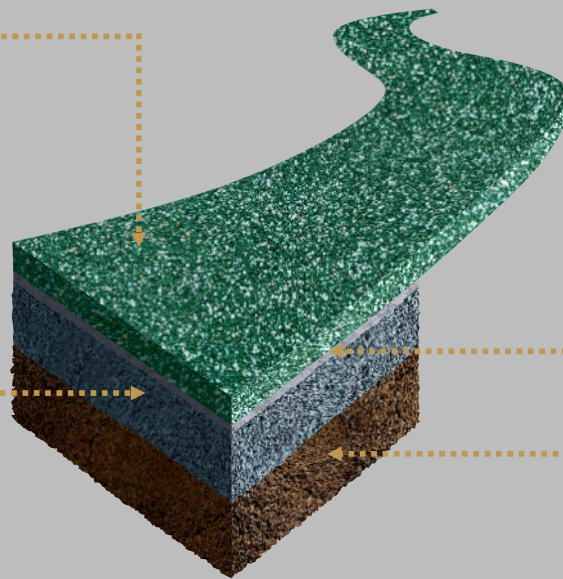
### ENVIRONMENTAL OUTCOMES

- Fully permeable, supporting WSUD & stormwater goals in hardscape design.
- Allows groundwater recharge & reduces runoff 
- Promotes root health, degassing & canopy growth.
- Reduces flooding in heavy rainfall events.
- Made with recycled rubber, diverting tyres from landfill
- Supports sustainability frameworks.

### PermeMix porous surfacing

Comprised of rubber crumb and select aggregates graded from 2mm-5mm

100mm of **clean aggregate OR** 25mm of existing soil can be removed manually (with care) to allow for applicable thickness of PermeMix system to be installed directly on soil and around root system.



**Geofabric layer** allows the roots to take in O<sub>2</sub> & other nutrients, enabling the release of gases to diffuse into the atmosphere.

**Subgrade**

### PERFORMANCE VALUES

**Compressive Strength:** Up to 2.1 MPa

**Flexural Strength:** Up to 0.9 MPa

**Permeability Coefficient:**  $4 \times 10^{-5}$  m/s

**Dry Density:** 0.86 t/m<sup>3</sup>

**\*Not Suitable for Vehicular Traffic\***

### TESTED TO AUSTRALIAN STANDARDS

**AS 5101.4-08** - Unconfined Compressive Strength

**AS 1012.11** - Flexural Strength

**AS 1289.6.7.1** - Constant Head Permeability

**AS 1141.11** - Mean Particle Size distribution

**AS 1289.6.6.1** - One Dimensional Consolidation

**AG:PT/T053** - Repeated Load Triaxial

**AS 4586** - Slip Resistance: new pedestrian surface

## PERMEMIX: DESIGNED TO PERFORM, MADE TO LAST

PermeMix is a **flexible, permeable** surface engineered for public paths, cycleways & civic zones. Made from up to 70% recycled tyre rubber, it supports **circular resource use** & offers long-term **durability** without cracking, lifting, or water pooling. The permeable structure aids stormwater infiltration & tree root health, making it ideal for green infrastructure.

With **high slip resistance, impact absorption**, & a natural matte finish, PermeMix delivers safety, comfort & visual cohesion. A refined **colour selection** allows seamless integration into both modern & heritage landscapes, ensuring it is suited for councils & designers seeking performance without compromising on aesthetics.

### COLOUR RANGE



Ironshade



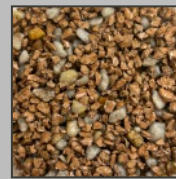
Clayridge



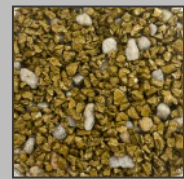
Sable



Treetop



Driftwood



Goldleaf

\*Driftwood and Goldleaf incur additional cost. Additional colours available on request.

#### TECHNICAL COMPOSITION

- **2mm-5mm** recycled car tyre rubber
- **2mm-5mm** washed & kiln dried aggregate
- Depth dependent on application

#### WHY CHOOSE PERMEMIX?

- **Engineered for flexibility:** Adapts to ground movement.
- **Permeable** to support stormwater infiltration & tree root zones.
- **High slip resistance & impact absorption** for safe public use.
- **Low-maintenance:** resists lifting, cracking & weed growth.
- Composed of up to **70% recycled rubber** (approx. 30kg per m<sup>2</sup>).
- **Curated colours** to complement civic & landscape design.



#### SPECIFIER'S NOTE:

To specify PermeMix, include the following in documentation: "Surface system to be supplied and installed as per Manufacturer and Installer Specifications, including certified depth and FHO (Free Height of Fall), where applicable." This ensures correct installation & compliance.

#### IDEAL PERMEMIX APPLICATIONS

- ✓ Decorative hardscape + landscape zones.
- ✓ Tree surrounds with high design visibility.
- ✓ Pathways adjacent urban play spaces.
- ✓ Pedestrian footpaths + laneways.
- ✓ Plazas, courtyards + shared use zones.
- ✓ Cycleways + green infrastructure corridors.
- ✓ Coastal boardwalks + Marina walkways.
- ✓ School grounds + commercial spaces.



Proudly Australian owned and operated, with warehouses in Adelaide & Brisbane, we are the specialists when it comes to synthetic surfaces in Australia.

Call us today for an obligation free quote.