

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.

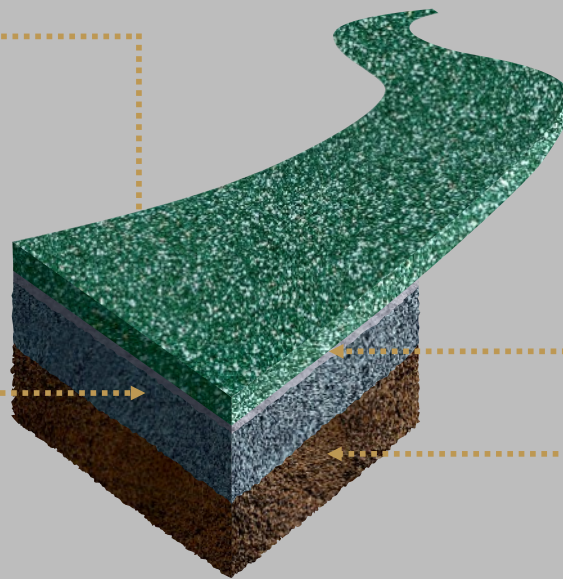
ENVIRONMENTAL OUTCOMES

- 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 O₂ & 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: 4×10^{-5} m/s

Dry Density: 0.86 t/m³

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



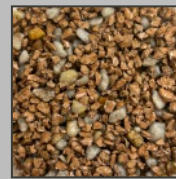
Clayridge



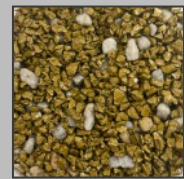
Sable



Treetop



Driftwood



Goldleaf

*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 m²).
- **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.