

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.

***PERMEMIX** CAN BE INSTALLED AS A **20MM TOP LAYER** OVER EXISTING SURFACES (BITUMEN, CONCRETE, PAVERS), OR AS A **30MM TOP LAYER** IN A PERMEABLE SYSTEM (INSTALLED OVER GEOFABRIC ON A PREPARED SUB-BASE OR NATURAL EARTH) WHEN MAXIMUM DRAINAGE IS REQUIRED.

ENVIRONMENTAL OUTCOMES

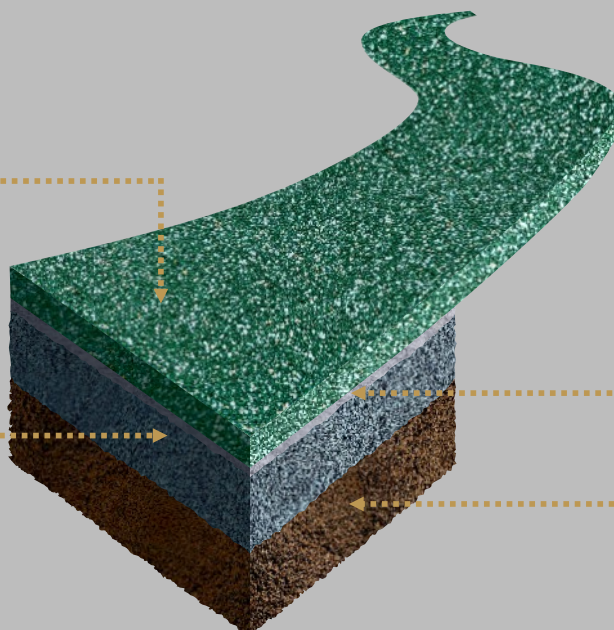
- Fully permeable system supports WSUD & stormwater goals in hardscape design.
- Allows groundwater recharge & reduces runoff
- Promotes root health, degassing & canopy growth.
- Reduces flooding in heavy rainfall events.
- Made with recycled rubber, diverting tyres from landfill
- Supports sustainability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



PermeMix porous surfacing

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

(for 30mm system) 100mm of **clean aggregate** OR 25mm of existing soil can be removed manually to allow for required thickness of PermeMix system to be installed directly on soil & around root system



(for 30mm system)
Geofabric layer allows 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.

With **high slip resistance and impact absorption**, 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.



TECHNICAL COMPOSITION

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

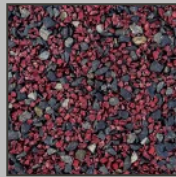
WHY CHOOSE PERMEMIX?

- **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).

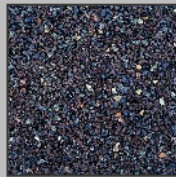
CLASSIC RANGE



Ravine



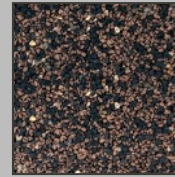
Ironshade



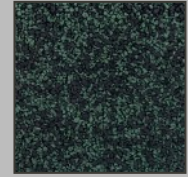
Blackwood



Acacia



Pepperbark



Juniper

ARCHITECTURAL RANGE



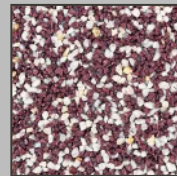
Windspray



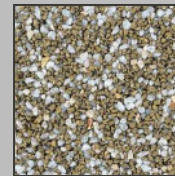
Driftwood



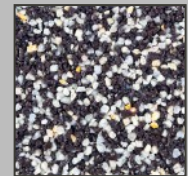
Treetop



Clayridge



Goldleaf



Sable

* THE ARCHITECTURAL RANGE UTILISES A UV-STABLE ALIPHATIC BINDER TO SUPPORT UV INTEGRITY + PREVENT WHITE STONE FROM YELLOWING UNDER UV EXPOSURE. DRIFTWOOD + GOLDFLEAF INCUR AN ADDITIONAL COST. ADDITIONAL COLOURS AVAILABLE ON REQUEST.

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, where applicable." This ensures correct installation & compliance.

IDEAL PERMEMIX APPLICATIONS

- ✓ Decorative hardscapes & tree surrounds
- ✓ Pedestrian footpaths, laneways & cycleways
- ✓ Pathways adjacent to urban play spaces
- ✓ Plazas, courtyards & shared-use zones
- ✓ Coastal boardwalks & marina walkways
- ✓ School grounds & Commercial landscapes



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.