



FLEXIMIX

FlexiMix

PERMEABLE FLEXIBLE SURFACING

YOUR SOLUTION FOR DURABLE, SUSTAINABLE SURFACES

FLEXIMIX IS A FLEXIBLE, PERMEABLE + COST-EFFECTIVE SURFACE FOR URBAN + COMMUNITY SPACES, INCLUDING TREE SURROUNDS + PEDESTRIAN ZONES.

MADE FROM RECYCLED TYRE RUBBER + SELECT AGGREGATES, FLEXIMIX OFFERS A DURABLE, LOW-MAINTENANCE ALTERNATIVE TO BITUMEN, MEETING KEY AUSTRALIAN STANDARDS + TRUSTED BY ARCHITECTS, ASSET MANAGERS + LOCAL GOVERNMENTS FOR SUSTAINABLE, LONG-TERM PERFORMANCE.

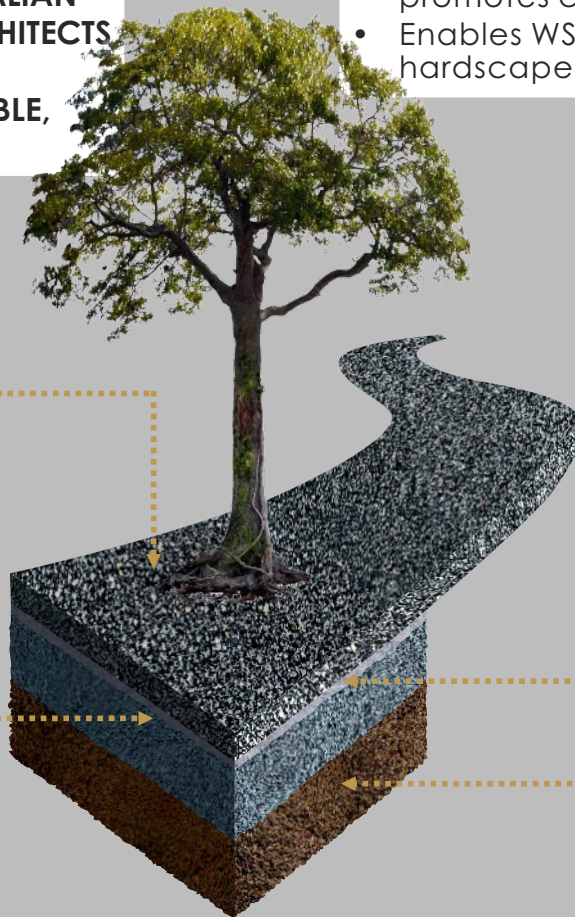
ENVIRONMENTAL OUTCOMES

- Alleviates pressure on stormwater infrastructure.
- Promotes root health, degassing and canopy growth.
- Enables local groundwater recharge.
- Reduces flooding in heavy rainfall events.
- Diverts tyres from landfill and promotes circular resource use.
- Enables WSUD integration in hardscape design.



FlexiMix porous surfacing comprised of rubber crumb and select aggregates graded from 3mm-7mm

Cellular reinforcement layer filled with clean aggregate.



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 2.3 MPa

Flexural Strength: Up to 0.9 Mpa

Permeability Coefficient: 8×10^{-5} m/s

Dry Density: 0.87 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



South Australia

08 8248 3322

✉ admin.sa@surfcon.com.au

🌐 www.surfcon.com.au

Queensland

07 3265 1950

✉ admin.qld@surfcon.com.au

☎ 1300 682 772



FLEXIMIX

FLEXIMIX: YOUR SOLUTION FOR DURABLE, SUSTAINABLE SURFACES

FlexiMix is purpose-built for performance, resilience & sustainability in the public realm. Its flexible, permeable structure handles natural ground movement & foot traffic without cracking or lifting, offering an ideal surface for spaces where traditional paving fails.

The recycled composition of FlexiMix contributes to landfill reduction & circular resource use, while it's permeability supports rainwater infiltration & healthy tree root systems. Impact absorption, high slip resistance & a clean finish make FlexiMix a safe & attractive choice for public environments.

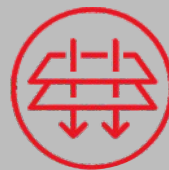


TECHNICAL COMPOSITION

- 4mm-7mm recycled car tyre rubber
- 3mm-6mm washed & kiln dried aggregate
- Depth dependent on application

WHY CHOOSE FLEXIMIX?

- Durable + Flexes with ground movement to prevent cracking.
- Shock-absorbing & slip-resistant for safe, comfortable use.
- Permeable to allow water infiltration and prevent pooling.
- Tree-root friendly, supporting healthy growth & soil ventilation.
- Low-maintenance + Durable, Resists lifting, cracking & weeds.
- Made with up to 70% recycled rubber (approx. 30kg per m²).
- Cost efficient compared to bitumen - initially & over time.



SPECIFIER'S NOTE:

To specify FlexiMix, 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 FLEXIMIX APPLICATIONS

- ✓ Green infrastructure areas
- ✓ Tree surrounds + root zones
- ✓ Courtyards, plazas + shared use zones
- ✓ Pedestrian footpaths + cycling trails
- ✓ School grounds + commercial spaces
- ✓ Coastal boardwalks + Marina walkways



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.



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admin.sa@surfcon.com.au admin.qld@surfcon.com.au

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