THROUGH INVESTMENT, WE'VE MADE IMPACT

Over the last ten years, Tyre Stewardship Australia has committed over $10 million towards projects that drive sustainable outcomes for Australia's used tyres.

On average, Australia generates around 545,000 tonnes of used tyres per year. The valuable resources from these tyres can be recovered and used in value-added products and applications.

Tyre-derived materials can provide significant performance benefits, be it for absorbing sound, increasing flexibility or making pathways porous to rainwater. Some examples of Australian innovation and ingenuity are featured on the other side of this flyer or scan the QR code to see a comprehensive list on our website.

If you have a bright idea or want to know more about Tyre Stewardship Australia's Market Development funding, we'd love to hear from you.
Get in touch: **getonboard@tyrestewardship.org.au**

10 YEARS
2014 – 2024

10 MILLION
in project funding

72 PROJECTS
making an impact

Roads
$5.6M committed to 32 projects

Research
$1.6M committed to 14 projects

Civil Engineering
$1.6M committed to 11 projects

Manufacturing & Mining
$1.3M committed to 10 projects

Rail
$0.7M committed to 5 projects

10 YEARS TyreStewardship AUSTRALIA

Australian Government Accredited Product Stewardship Scheme

Rubber T-Lok road safety concrete barriers

University of Melbourne's APTES Research Group and Saferoads

Adding crumb rubber to concrete road safety barriers delivers an innovative product with enhanced safety benefits and longer lifespan. It is a cost effective solution for a range of industries which make and use barriers, such as manufacturing, engineering, construction, mining, outdoor event management and government road safety programs.

Masonry pavers

McKeno Blocks and Pavers and Curtin University

Resilient and durable masonry pavement blocks use tyre derived material and aggregates in place of natural aggregates, resulting in a product which is lighter, easier to transport and install, and more cost effective.

Noise acoustic walls

Flexiroc and University of NSW

Using tyre-derived materials and glass, Flexiroc and UNSW have developed noise walls that are 30% lighter than conventional concrete noise and acoustic walls, reducing the amount of concrete required in foundations by up to 20%.

The inclusion of rubber also provides an advantage by its ability to absorb noise and reduce noise pollution as opposed to conventional concrete noise walls that reflect noise.

Permeable pavement

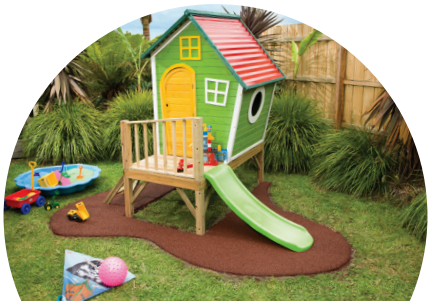
Porous Lane

Permeable pavement with up to 50% tyre derived aggregate allows water to pass through the surface, reducing stormwater runoff and pollution entering our waterways. Permeable pavement is suitable for a range of uses including car parks, footpaths and around tree bases.

Playgrounds and sporting surfaces

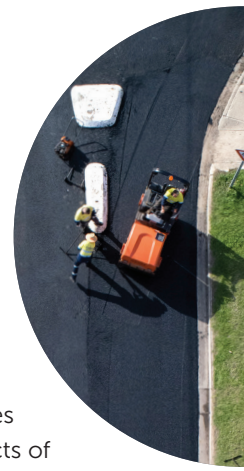
A1 Rubber

Soft-fall playgrounds, underlays and sporting surfaces that provide a resilient and flexible surface for indoor and outdoor spaces.



Rubber crumb keeping our roads Sun Smart

RMIT University



Researchers from RMIT University have found that rubber crumb provides a 'sunscreen' effect for roads. By incorporating recycled tyres in road bitumen, the impacts of ageing from UV, including cracking, are significantly reduced. The life of road surfaces are extended twice as long as conventional bitumen, and maintenance is drastically reduced. Recycled tyres help us create resilient roads for a harsher and changing climate.

Rubber T Coat coloured surfaces

Coloured Recycled Group

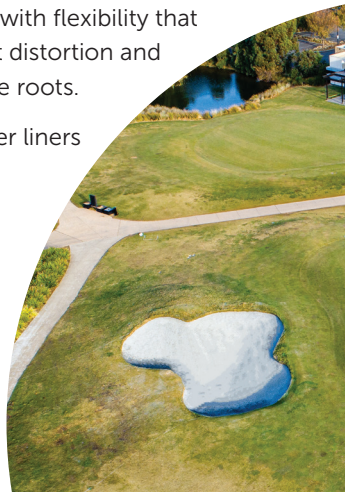
A specialised surface that can be applied to any existing surface for sporting applications, stairways, pool surrounds, hospitals and workshops.

Golflex cart path and bunkers

Flexiroc and Environmental Golf Solutions

Crumb rubber provides a hard wearing, durable, flexible, and porous surface for cart paths and bunker linings - a perfect solution for golf courses. The cart paths provide a continuous path, with flexibility that protects it against distortion and cracking from tree roots.

The Golflex bunker liners provide increased drainage results and reduce the maintenance requirements to bunker bases.



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