



Australia's #1 recycled rubber  
raw materials and  
rubber products  
manufacturer  
[www.a1rubber.com](http://www.a1rubber.com)

# Recycled rubber products and raw materials: Playground surfacing product guide



Using the largest and most advanced rubber-buffings processing facility in the southern hemisphere, A1 Rubber's plant produces thousands of tonnes per annum of specialised rubber grades for the playground-surfacing industry.

Grade sizes are available to suit shockpad layers, top surface wear layers, custom moulding and machine laid surfaces.

All the rubber produced passes through elaborate sizing, dust and steel separation equipment. For consistency in colouring and trowelling, specific grades are unified through milling and granulation lines.

The product is available in ready-to-use 25kg poly bags and palletised at 500kg.

4 mesh rubber buffings

1-4 mm rubber granules

12 mesh rubber buffings

12 mesh granulated buffings



Palletised for transport and all-weather storage

## Australia's largest range of recycled and synthetic crumb rubbers



Using a state-of-the-art high-speed dispersion process, A1's CSBR (Coloured Styrene Butadiene Rubber) is assured of high colour consistency and repeatable accuracy.

The colourant formulations were developed using the maximum amount of inorganic pigments (for U.V. stability) and organic pigments (for aesthetic appeal).

Even on jobs up to 300m<sup>2</sup>, A1's CSBR plant can produce batches of 3tonne. That ensures perfect colour consistency throughout the entire job.

Various rubber grade sizes can be pre-coloured for wetpour, synthetic grass infill or loose fill rubber/bark surfacing.



Mixed multi-colour combinations

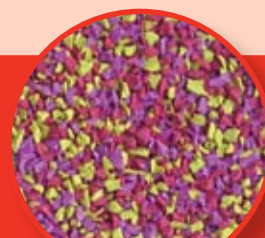


A1 Rubber distributes two manufacturer types of EPDM: MRI and Melos.

This means you have maximum flexibility to choose the appropriate material for the job application, in terms of:

- quality
- colour
- price requirements.

Results for accelerated U.V. resistance are also available on request.



Mixed multi-colour combinations

## CSBR colour range



One-stop materials ordering

# Recycled rubber products and raw materials: *Playground surfacing product guide*

## Procure

#1 in premium polyurethanes

In alliance with MRI-Polytech of the UK, A1 Rubber's Procure formulations have been developed for Australian conditions, using world-class facilities and the technical department and raw materials of BASF-Elastogran.

The formulations contain a complex structure of diisocyanate and polyether polyols manufactured under an ISO9002 accreditation system. The binder has been specifically designed to improve the elastic properties required for playground surfacing.

The product is packaged in pails for convenient shipping and pouring. As you can imagine, these easy-to-handle containers reduce the possibility of work-related injury.

Purchases can be made of any pail quantity to suit your specific job.



Packaged in easy to handle pails.



AeroCool safety surfacing is the latest innovation in playground surfacing that utilizes factory-controlled product consistency, easy on-site installation methods, has a sealed top surface membrane, offers bright colours with heat reflection, has expansion and contraction joints, easy replaceable sections and is maintainable and repaintable forever.

The AeroCool system complies with Australian Standards to heights exceeding 3.5 metres and can be installed by the average tradesperson with A1 Rubber's comprehensive installation guide.



Shockpads are palletised for easy handling

Renowned for its speedy installation, the AeroShockpad system delivers resilient performance and assurance of compliance with Australian Standards.

The AeroShockpad system is manufactured in user-friendly 1 metre x 1 metre square tiles and can be used under every playground surface type including wet-pour, synthetic grass, rubber tiles and even bark chips.

Thicknesses from 10 mm to 50 mm can be produced and they can be doubled up to achieve any thickness.

Sikaflex is recommended over the joints for wet-pour, and the slow rebound shockpad offers lighter handling and answers the call for minimizing bone fractures from rebound.



Lay up to 100m<sup>2</sup> per hour



## Combined palletisation means...

# Recycled rubber products and raw materials: Playground surfacing product guide



With three-person installation crews being able to install up to 200 square metres in an 8 hour day (including the shockpad layer), it's no wonder this system offers savings for the client and contractor.

The AeroSuper Saver system utilises factory mass-produced tile components along with optional finishing edges and pole collars.

Blue, green and red base colours are available each with rainbow speckles throughout. EPDM speckle colours and concentrations can be increased and customized for clients requiring a special effect. Compliance with Australian Standards is guaranteed.



A playground with unexpected creatures and shapes is an EXCITING place for children. AeroPlay animals and shapes offer both play and educational benefits.

Where applicable, galvanised steel shafts with welded anti-theft steel caps or chains are moulded into the items for concreting into the sub-base. Flat bases are also available for applications requiring gluing to a substrate.

The items can be moulded using oxide colorants or can be AeroCool-coated for maximum appeal.



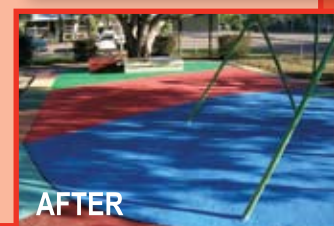
**A1 Rubber's AeroPlay animals and shapes:** crocodiles, turtles, frogs, dolphins, rocks, balance logs, mushrooms, spiders, frilly-neck lizards, platypus, bollards, shapes and much more.



AeroCool coating is a heavy-bodied, premium grade acrylic coating fortified with non-slip microspheres and high quality pigments. AeroCool coating exhibits superior durability, cohesive strength, flexibility and weather resistance.

Specially developed to coat rubber playground surfaces, it fights off temperature extremes and protects the rubber surface from degradation.

Virtually any colour can be supplied; application is by broom, roller or spray; and the product washes up in water. AeroCool is the perfect coating for thematic designs, brightening up an old surface and repairing worn playground surfaces.



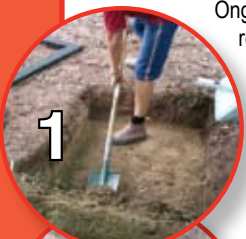
## FastPads Australia's #1 Safety Pad System

Value-add any playground project with A1 Rubber's FastPads.

Installed in just 30 minutes, this innovative kit is more cost-effective than alternatives and offers an excellent lock-down security feature.

Ongoing development has resulted in the highest durability coloured top coating and compliance to Australian standards in excess of 3 metres.

The system can be extended in modules to cover any impact area's requirement.



## CURVEDGES Australia's Largest Selling Sand & Bark Edge

With its flowing curves and pre-drilled mounting holes, Curvedge's appeal extends to both the client and the installation contractor. Curvedge is made from solid recycled rubber and its engineered shape is designed to withstand the side-loading pressure of sand, even when wet.

Curvedges have a flat mounting base and use standard 16mm deformed bar steel pins driven through 70° angled pre-drilled holes for security to the sub-base. Curvedges are manufactured in 2.2 metre lengths and are available in 200mm or 300mm high options.

A1 Rubber also manufacture a wide range of other edging accessories for various applications.



**...Lower transport and handling costs**

# Wetpouring has never been so EASY— with the innovative **Rotatub** mixer...

- *Excellent mixing capability*
- *Easy product loading and unloading*
- *Designed for easy manouvering*
- *Designed for one man loading onto ute*
- *Manufactured to exacting standards*
- *Robust and sturdy design for years of trouble free use*
- *Powdercoated*
- *Fits easily to a ute or trailer*
- *Workplace Health & Safety approved*
- *Made on-site at our Brisbane factory*

SELF CLEANING

## Rotatub

WETPOUR MIXERS

Manufactured by A1 Rubber



## The world's first self cleaning wetpour mixer

- **Efficient Blade Configuration** - mixes in approximately 3 minutes
- **High Density PE removable blades** - for easy dry stripping
- **Spring Loaded Mixing Blades** - scrapes clean the mixing pan
- **Spring Loaded Discharge Door** - for a guaranteed seal
- **Engineered Design** - product can be discharged straight into a wheelbarrow

**Manufacturing recycled rubber products and raw materials is our SPECIALTY. Customer service is our FOCUS.**

Our Australian manufacturing facility and head office, based in Brisbane, uses the latest state-of-the-art processing equipment and systems to guarantee the highest levels of quality control and customer service.

A1 Rubber Pty Ltd specialises in the manufacture and wholesale supply of recycled rubber crumb, pre-coloured CSBR rubber, EPDM, polyurethane binder, colourants, oxides, playground shockpad and surfacing systems, moulded products and commercial-grade sports and play-surface coatings.

Experienced staff provide you with expert advice on the more technical aspects of playground rubber surfacing applications including product requirements for standards compliance and on-site installation technicalities.

Our one-stop material ordering system gives you new opportunities to manage your project's logistics smoothly. We are able to hold complete orders in readiness for specific dispatch times. This minimises your requirements for warehousing, handling and raw materials management.

We also help you to make considerable transportation savings through our combined palletisation ability. We take great care in maximising each pallet-load, then wrapping it for shipment to ensure that our products are safely transported to you.

With access to the latest in world-class recycled rubber manufacturing technology, A1 Rubber is well positioned to continue to improve the quality, range, competitive pricing and service levels you expect from a market leader.

#### **International Distribution**

**Australian Manufacturing and Head Office  
Factory:** 34 Binary Street,  
Yatala QLD 4207



Australia's #1 recycled rubber products manufacturer

