



Aero COOL is the very latest innovation in playground surfacing that covers all requirements in regards to Australian Standards Compliance, written certification, affordability, bright colours, thematic design, low heat, maintenance and durability.



DEVELOPMENT

After listening to concerns and requests from playground owners, designers and installers around Australia, the A1 development team set about developing a new surfacing system that would be:



- manufactured and installed faster, useable sooner,
- safer than wetpour systems for installers, adult and child users,
- brightly and limitlessly coloured, a stimulus for thematic design and imaginative play,
- consistent in thickness, density, resiliency and feel,
- heat reflecting rather than absorbing, and.....AFFORDABLE



The result is: **“AeroCool”**.

Colours & Designs Limited Only By Imagination!

MATERIALS

AeroCool Base System.....

AeroCool utilises a factory prefabricated, computer-controlled thickness, rubber Aero Shockpad tile system as its foundation for impact attenuation and precision composition. This mechanical joined base system offers consistency in thickness, density and resiliency, and thereby a meaningful guarantee of performance. It offers speed of installation, easily replaceable/extendible sections and boundless application flexibility.

The AeroCool surfacing system is a medium density product consisting of polymetrically bound *recycled* rubber made from the finest quality rubber and polyurethane. It can be installed as a single layer system or over the Aero base Shockpad. The top wear layer is installed in an attractive brick pattern and all seams are sealed and bonded with a tough, abrasion resistant polyurethane construction adhesive. Recommended Aero surfacing thickness varies with site specific impact attenuation requirements ranging from 10mm up to 100mm for fall heights of over 3 metres.

THE PLAYGROUND PEOPLE

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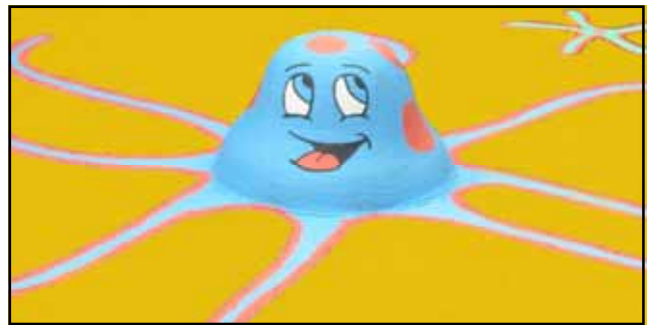
Coating.....

The AeroCool Coating has been designed especially for Australian conditions. It is resistant to mould, fungal growth and a wide range of chemicals. It is unaffected by UV infra-red radiation and ozone. The product is fully recyclable, is classified as non-hazardous under Worksafe guidelines and is manufactured under a quality system, which is certified compliant with ISO 9001 Standards. AeroCool coating is a heavy bodied, multi-purpose premium grade acrylic membrane fortified with mineral fillers, fibres, microspheres and high quality pigments which exhibit superior qualities of durability, cohesive strength, flexibility and water and weather resistance.



APPLICATIONS

AeroCool's main application is for playground softfall surfaces and it is also ideal to revamp old rubber playground surfaces either with full colour coverage or partial coverage through individual design. Other applications include installation over tennis courts, concrete and asphalt areas. It is specially formulated to resist temperature extremes and fight off ultraviolet degradation. Aero Cool coating's elastic qualities make it ideal for playground surfaces.



REPAIRS

Most types of surfaces show signs of wear or damage in time. Small repairs look unsightly. AeroCool has taken this possibility into consideration. Typically if a synthetic softfall surface starts to wear and breakdown, it will need to be patched or fully replaced at considerable expense. In the case of wetpour rubber the 'wet' polyurethane binders used do not readily adhere to existing cured surfaces. Because of the AeroCool coating's acrylic properties and ease of application, additional coloured coats can be applied over existing surfaces and sections of any size replaced without fuss.

COMPLIANCE

The AeroCool surface conforms to Australian Standard AS/NZS 4422: 1996 when site tested. The product has undergone extensive independent laboratory and in-field testing, with results showing consistent, predictable performance on fall heights to 3 metres and beyond on both the body and seams of the product.

WARRANTY

The manufacturer warrants the owner that the protective surface will be free from manufacturing defects for a period of 7 years from the date of installation in accordance with the manufacturer's installation specifications and when used for the purposes intended.

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