

So why SASA?

Provide a basis for rational consideration of using recycled materials by:

- Describing the industry operations, regulatory requirements, manufacturing and quality assurance processes and products
- Identifying transparency of local products with compliance various State specifications
- Openly addressing industry and stakeholder concerns with performance and environmental attributes through specialist evaluations
- Characterising performance attributes associated with use in pavements
- Demonstrating environmental benefits of recycled products
- Providing examples of applications
- Links with national and international information sources

An Industry – Zero Waste SA initiative Facilitated by ARRB Group



Government of South Australia
Zero Waste SA



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www.sustainableaggregates.com.au



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PURPOSE of SASA

- Establish benchmark standards of manufacture and product certification branding.
- Facilitate communication links between industry and its stakeholders
- Support the industry through cooperative expertise
- Undertake technical development through cooperative grants etc
- Participate in national programs such as Austroads
- Host access to national and international information
- Provide education and technology transfer forums.

Sustainable Aggregates South Australia

The resource recovery and recycling industry has undergone significant development over the past ten years to the stage that South Australia is a national leader in recycling construction and demolition waste.

Through an Industry – Zero Waste SA initiative, Sustainable Aggregates SA has been created to inform, develop and promote the use of recycled aggregates and address issues associated with their manufacture and application.

Led by ARRB Group and linking to the national WMAA C&D Division goals and objectives SASA represents a commitment to an accredited high industry benchmark standard. In addition it seeks to provide a consultative link with stakeholders to address continuous improvement and contributions to sustainability in SA

Project Activities

- Product technical credibility program undertaken in conjunction with UniSA
- Environmental credibility program undertaken in conjunction with consultant specialists
- Example projects inventory of applications
- Information portal website providing technical reports, fact sheets, CO₂ emissions calculator



FORWARD THINKING IN EVERY WAY

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Welcome

Sustainable Aggregates South Australia (SASA) is a Resource Recovery and Recycling (RR&R) industry initiative co-funded by the State Government Department [Zero Waste SA](#) to inform, develop and promote the use of recycled aggregates sourced from inert hard wastes such as concrete brick, asphalt and rubble.

As a national leader in recycling inert hard wastes, South Australia recovers 860,000 tonnes of concrete. In addition 1.3 million tonnes of brick, rubble and soil is recovered, as well as 145,000 tonnes of Asphalt (Zero Waste: SA Recycling Activity Report 2010-11).

SASA development policies include:

- Providing a cooperative and consultative link between the RR&R industry and its stakeholders.
- Recognizing high benchmark standards of manufacture and product certification branding within the industry.
- Promoting the factual technical capabilities of recycled products and environmental benefits.
- Establishing an applied research and development program through industry - stakeholder consultation focusing on market development and new product initiatives.
- Providing an information reference and retrieval portal (ie this website) to disseminate technical developments in the recycling field nationally and internationally.
- Providing education and information technology transfer forums.

SASA represents RR&R organisations that conform to the strict standards and practices required of membership.

Events Calendar

Upcoming Events

- Information Workshop, March 2013



Become a Member

Membership of SASA is open to organisations or agencies working with or within the Resource Recovery and Recycling Industry. Membership is available at a variety of different levels, and provides the member with entitlements such as industry recognition and representation on stakeholder consultative groups. Membership also provides access to the latest industry information and university research. Further information is available on the membership page, via the button below.

[Join Now](#)

Creating Environmental Improvement Through Sustainability.

Latest News

Award for SASA

The Sustainable Aggregates South Australia Group (SASA) was recently awarded with the Sustainability Award for Excellence in Waste Management at the Institute of Public Works Engineering Australia, South Australia Division awards held on 25 May 2012. The award was presented in recognition of the leadership of the group to improve the awareness of recycled aggregates. [Read more...](#)

Partners



Technical Credibility

- Review of national & international specifications benchmarking our local specification (DPTI)
- Compliance testing to national specifications for seamless recognition
- Performance based laboratory testing load - deformation response
- Performance based model testing load and deformation response
- Published 12 technical papers and support of two UniSA PhD students

Environmental Credibility

- Industry management of chemical contaminants such as heavy metals, poisons and hydrocarbons
- Industry management of asbestos contamination
- Identify environmental benefits associated with greenhouse gas emissions
- Provide a CO₂ emissions calculator
- Investigation and diagnosis of thin asphalt surfacing “popping”

Application Inventory

- Application as unbound granular basecourse
- Application of bitumen stabilised material
- Application of cement stabilised material

