

**adbri**MASONRY

an ADBRI company

low energy curing

circular economy

innovation

energy efficiencies

solar power

reduce waste

water management

recycling

**Building a better,**  
greener Australia



Adbri Masonry is Australia's leading masonry manufacturer producing locally made concrete Bricks, Besser® Blocks, Pavers and Retaining Walls.

We take our leadership position seriously and as such, we know that building a better Australia involves more than just making products, it involves contributing to a sustainable future and creating value for our communities.

We have a number of sustainability initiatives in place including the promotion of an environmentally beneficial range of permeable paving products, the roll out of solar arrays at a number of our factories and the reuse of industrial by-products in our processes.

*As leaders in our industry, it's our responsibility to contribute to a sustainable future. As customers, it's your choice to support businesses who are doing their bit.*

## Circular Economy and Recycled Materials

Adbri Masonry contributes to the circular economy by utilising recycled industrial by-products as raw materials in our production process. The process of recycling industrial by-products gives new life to these alternative materials, reducing natural resources consumption and waste to landfill.

We use recycled glass fines in the production of our masonry products in our Townsville factory. We use flyash and bottom ash in the production of our grey masonry Besser® Blocks and bricks to lower cement use in our mix designs. We also recycle slag, a waste product from metal production and use this as a substitute for natural aggregates in some of our product mixes.

The initiative to reuse product that would otherwise be sent to landfill benefits the environment without compromising on quality.





## Renewable Energy

The production of concrete masonry is a low emissions process owing to the use of steam curing (as opposed to gas firing required in other building products manufacturing). Adbri Masonry are further reducing energy emissions with a transition to renewable energy sources. In 2019, the first solar array was installed on the roof of our Townsville factory. Throughout 2020, solar arrays have been installed on our Nowra, Bendigo, Campbellfield and Euro<sup>®</sup> factories taking our total renewable energy generation capacity to 600kW and delivering CO2 reductions across our business.



CAMPBELLFIELD, VIC



TOWNSVILLE, QLD

## Environmentally Focused Products

At Adbri Masonry, we're not only trying to make our products better for the environment by optimising efficiencies, using recycled materials and reducing our energy emissions, we're also producing a range of products which deliver benefits to the built environment.

Our leading range of permeable pavers can be used as a part of a fully permeable system that can capture, harvest and even recycle rain and surface water runoff. Permeable pavements can also reduce pollution in our waterways and mitigate downstream flood events. Permeable systems work by allowing stormwater runoff to infiltrate through special voids in the pavement surface and into the sub base below where it can be harvested, or returned to the natural water table at a controlled rate.

The benefits that permeable pavements deliver to communities, councils and the environment are proven and well documented internationally. With drought and water conservation considerations, stormwater infrastructure impacts and pristine waterways to protect, the potential applications are now being fully explored and realised in Australia.

Adbri Masonry Permeable Pavers



To satisfy the needs of your Water Sensitive Urban Design (WSUD) project, **ask for Adbri Masonry.**

## A light touch

**Did you know that masonry products are reusable and recyclable?** Concrete masonry products deliver great whole of life environmental benefits because they can be repurposed long after their original use. As the units are segmental (individual), bricks can be reclaimed and reused, concrete pavers can be lifted and re-laid after maintenance or even used in other projects. This removes the need to purchase more which in turn reduces environmental impact.

### About Adbri Ltd

Adbri Masonry is a wholly owned division of Adbri Ltd, an ASX 200 construction materials and industrial minerals company with operations throughout Australia.

Adbri Ltd has a number of environmental initiatives in place including an alternative fuels program which has seen over 1 million tonnes of Refuse Derived Fuel used to supplement traditional fossil fuels.

To continuously improve and contribute to a sustainable future, Adbri Ltd launched their first ever Green Team in 2020. This employee-led team volunteer time to generate environmental ideas and share initiatives that can be deployed throughout the business to help reduce Adbri's impact.



**We're investing to contribute to a sustainable future. You can too, ask for Adbri Masonry for your next project.**



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BESSER® BLOCKS

PAVERS

RETAINING WALLS



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