

Surface Water Management

Product Range Overview



The ACO Group

Founded in 1946, the ACO Group is a foremost supplier of drainage systems and utility enclosures. Major innovative strengths of the ACO Group are its continuous research and development and technical expertise in the use of polymer concrete, plastics, cast iron, stainless steel and cement concrete.

ACO in Australia

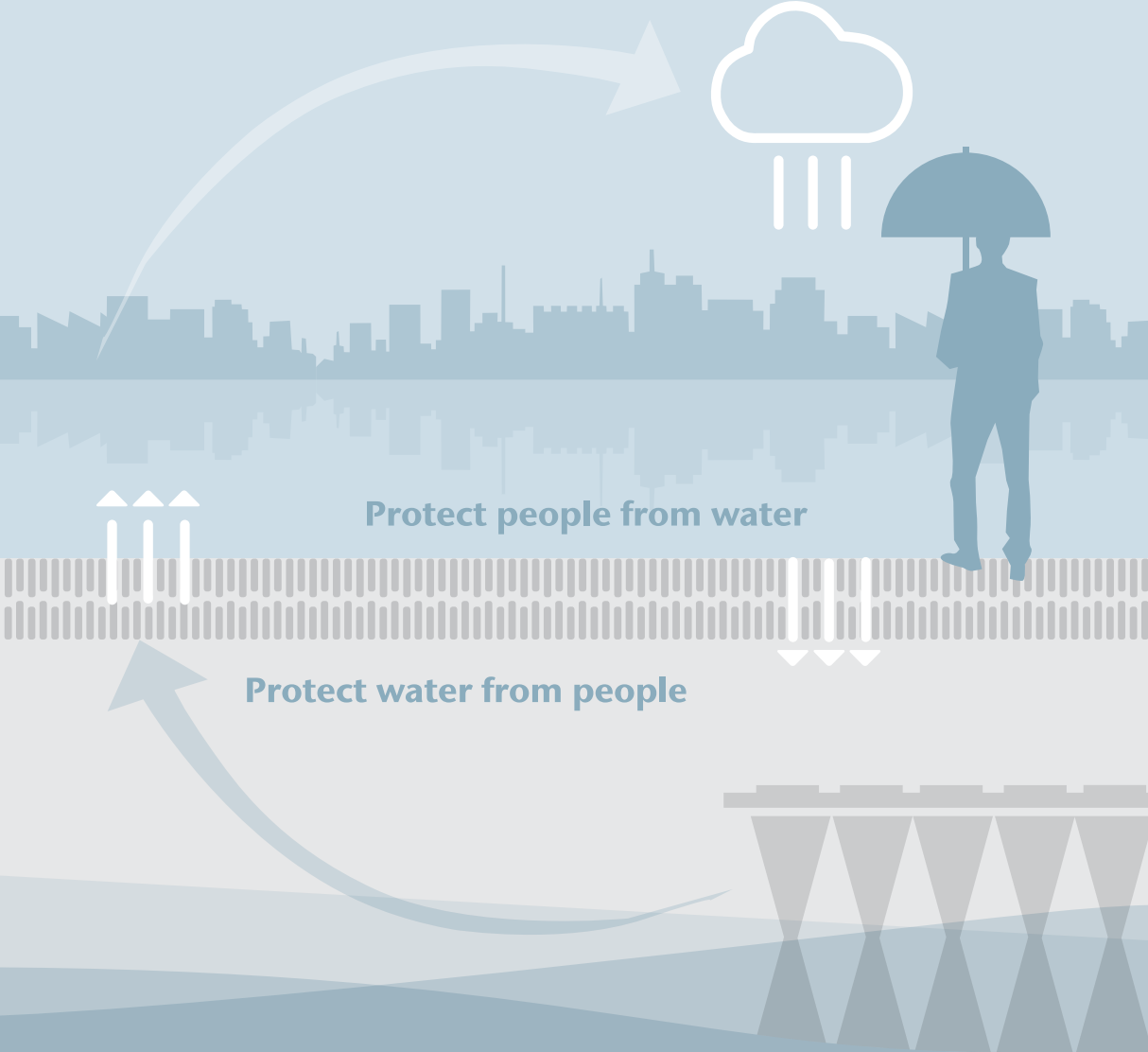
ACO in Australia was established in 1993 and is Australasia's leading manufacturer of water and cable management products with production facilities located in NSW. With over 30 years of Australian manufacturing experience in Western Sydney, ACO prides itself in drawing on the expertise of Australian talent for its workforce as well as sourcing local raw materials for the manufacture of finished products.

ACO Surface Water Management

Climate change sets organisations a challenge to react effectively with innovative solutions to new environmental conditions. With a necessary integrated approach, ACO provides solutions for professional surface water management. To complement these intelligent systems, ACO manufactures a range of service enclosures including access covers.

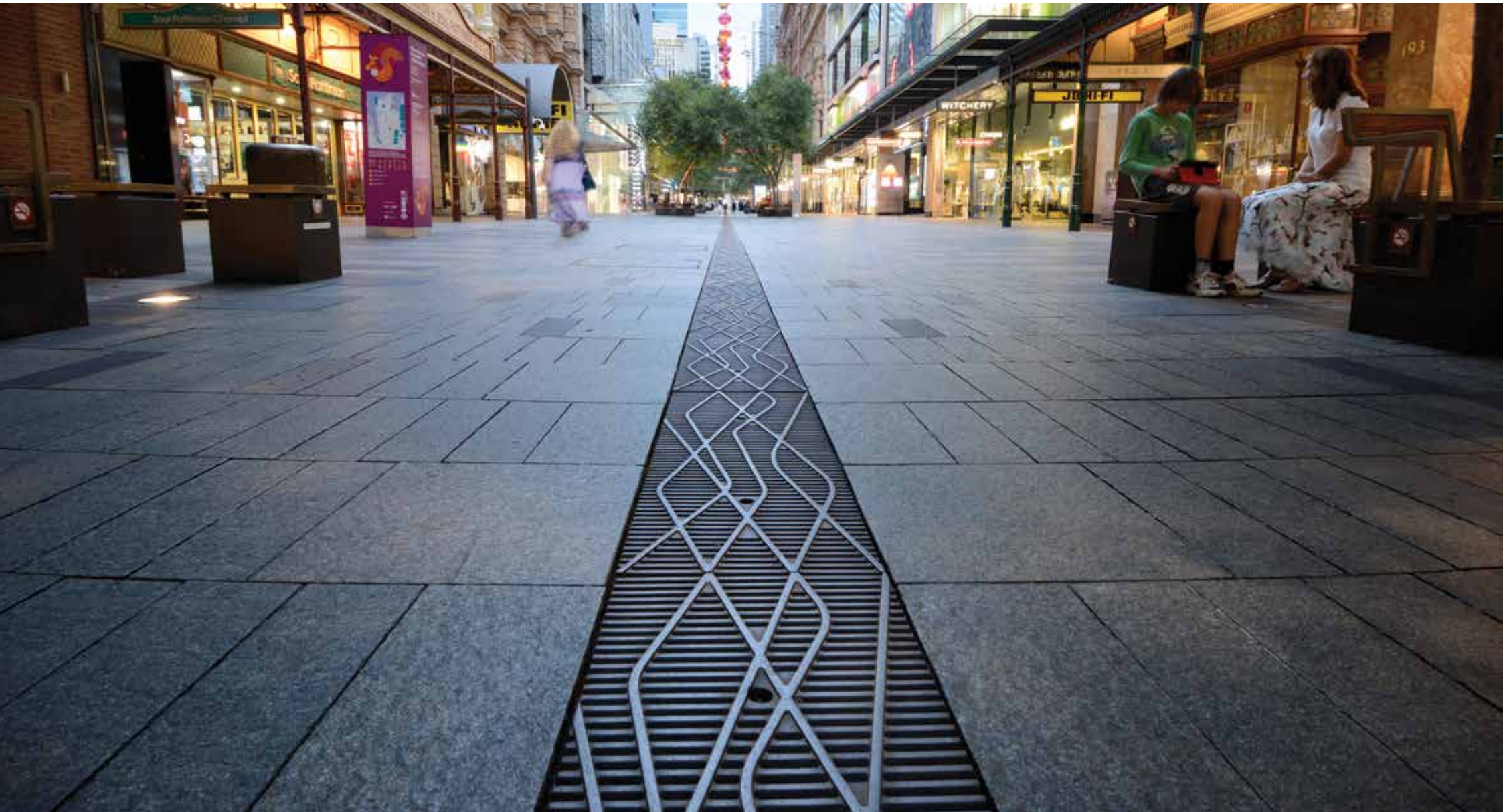
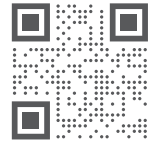
ACO WaterCycle

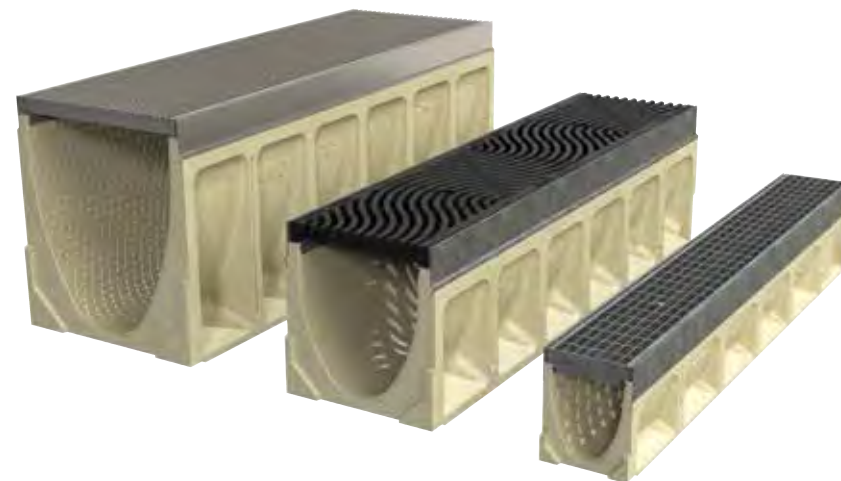
The Hydrological Cycle is the natural cycle of water from rainfall to evaporation. ACO supplies products that collect water from impervious surfaces to pass to other products which help clean solids and liquids from the collected water. ACO also supplies products that can retain and return water back to nature in a controlled manner.



ACO Drain®

Modular Commercial Trench Drain Systems





Pioneer of the modular drainage concept

ACO Drain® is Australia's first and foremost brand for trench drains for commercial applications. The range comprises modular and durable drainage channels, manufactured from corrosion-resistant polymer concrete. To suit many applications, ACO's range of AS 3996 compliant grates, slotted tops and linear permeable pavers come in a variety of materials, finishes and load classes. Lockable grates are boltless for easy maintenance.

Channels are available in 50, 100, 200 and 300mm internal widths, with in-built fall to create up to 40 metres of continuous slope to enable drainage in flat pavements. Channels have a 'V' profile for superior hydraulic performance.

www.trenchdrain.au



ACO StormBrixx®

Underground Stormwater Tanks



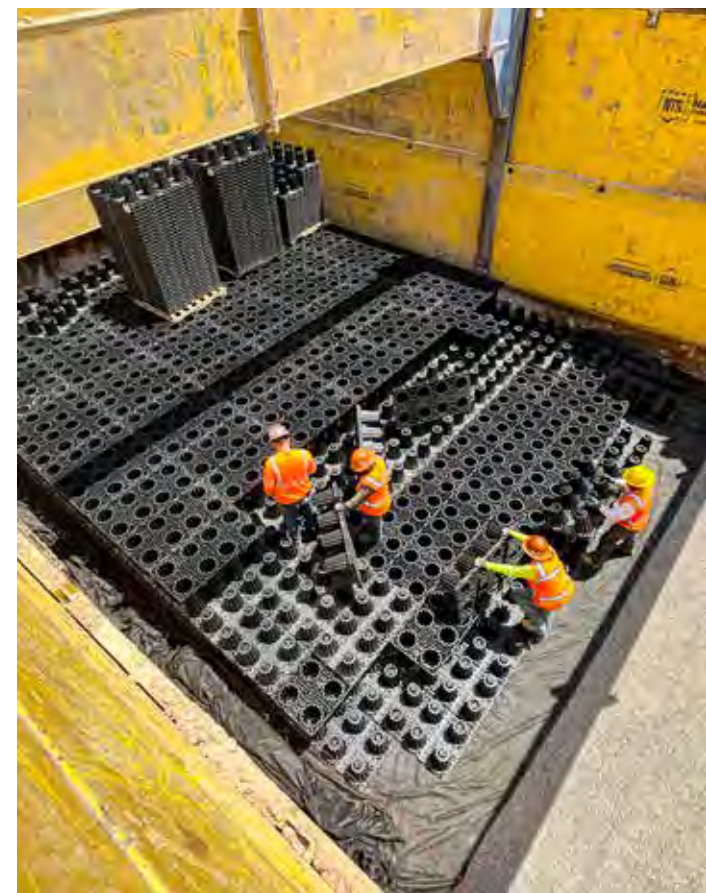


Underground tanks for retention, detention and infiltration

ACO StormBrixx® is a unique and patented plastic geocellular stormwater management system designed for surface water infiltration and storage. Its versatility allows it to be used in applications across all construction environments as a standalone solution or as part of a Water Sensitive Urban Design (WSUD) scheme.

These systems consist of factory manufactured components that are strong and easy to assemble in a brick bonded and cross bonding connection for optimal stability. The open cell structure permits completely free access for CCTV and jetting equipment which allows the whole system, including all the extremities, to be inspected and maintained from a few access points.

www.acostormbrixx.com.au



ACO Infrastructure

Trench Drains for Civil Infrastructure



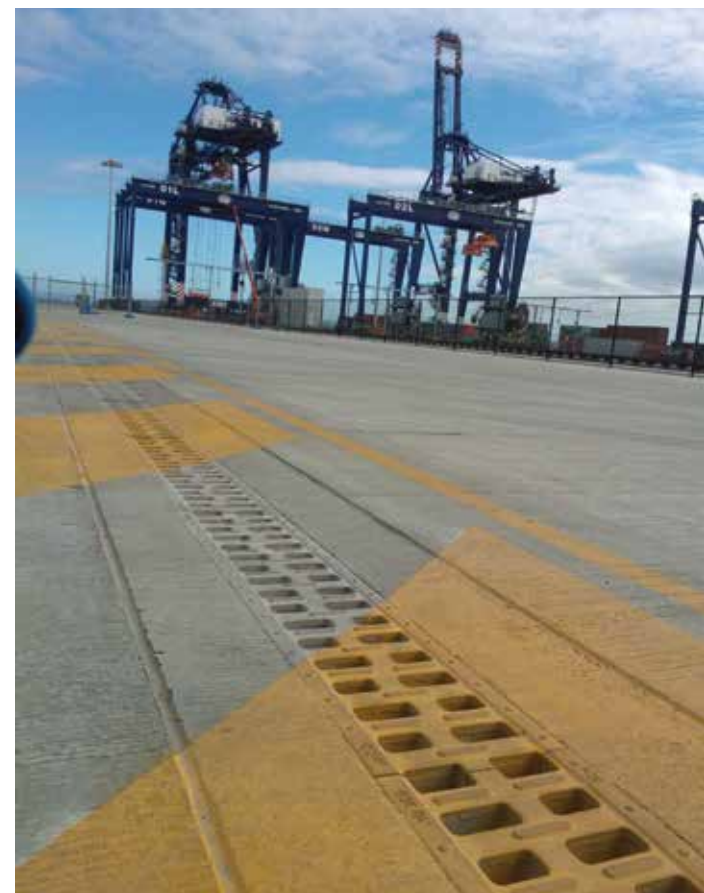


Surface Water Drainage for Transport Infrastructure

ACO Infrastructure comprises a number of systems for roads and highways; mass transit systems (rail, bus, terminals, truck stops etc...) bridges and tunnels; seaports and container terminals, and airports.

These systems consist of factory-manufactured channel units made from corrosion-resistant durable materials to withstand the most challenging environments. Systems come complete with either non-removable or removable lockable grates compliant to AS 3996 and EN 1433. Iron grates deliver exceptional load-bearing capacity and long-term durability.

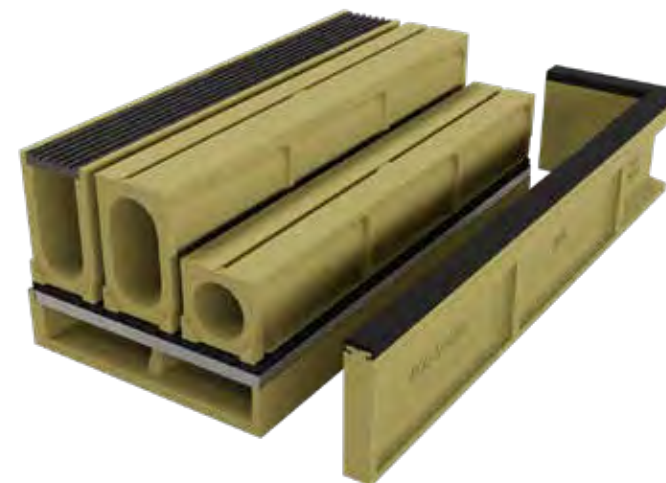
www.trenchdrain.au



ACO Sport

Track & Field Drainage





The Olympic choice of surface drainage used since 1972

ACO Sport is at the forefront of modular building components, offering fully modular jump kits with curbs, sand traps and covers to suit common sizes.

Products are designed to maximize the functionality of athletic facilities while meeting the requirements of any arena from a high school field to an Olympic Stadium without disrupting the performance of athletes.

ACO is the market leader in the supply of products for world class facilities including F1, MLB, NFL, NRL, AFL, NCAA and Olympic venues worldwide (including the Sydney Olympics in 2000).

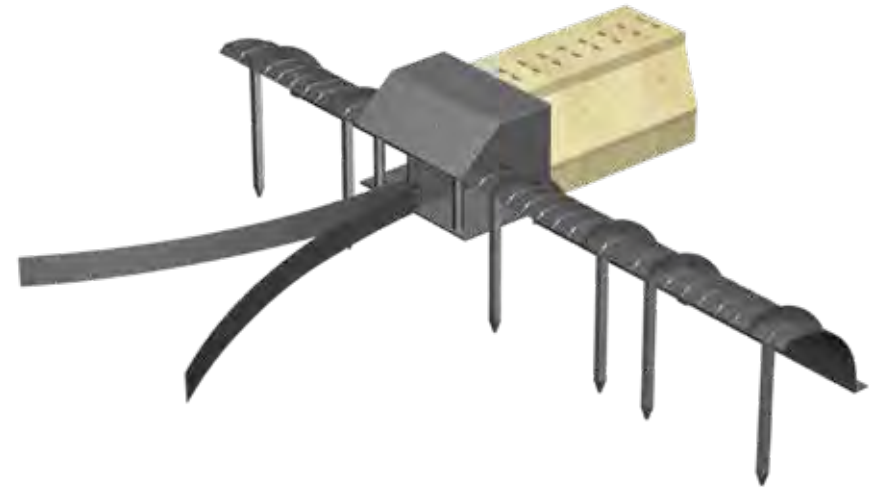
www.acoaus.com.au/sport



ACO Wildlife

Wildlife Guidance and Passage Systems





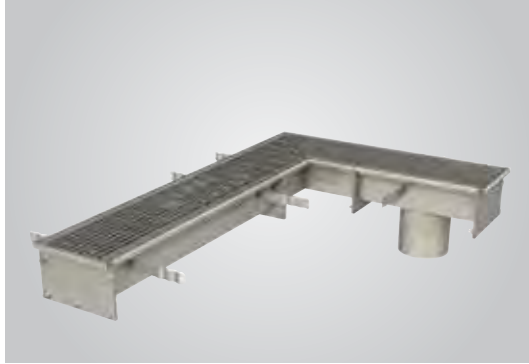
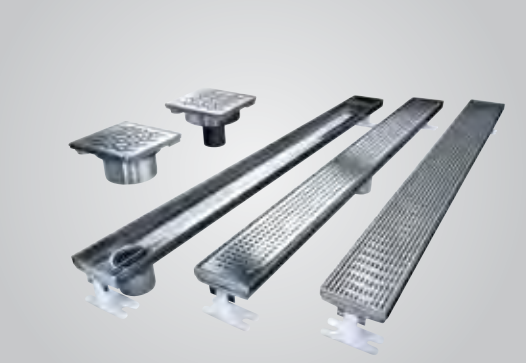
Helping small creatures cross roads

ACO encourages the construction and infrastructure industries to conserve the environment and its animal inhabitants. For more than 30 years, ACO has been at the forefront of industries concerned with the preservation of wildlife and the environment. ACO has sponsored conservation and used technology to produce items which directly support wildlife conservation.

These items include polymer concrete tunnels to help amphibians and other animals cross under roads and fencing systems to keep them off of the roads and away from traffic.

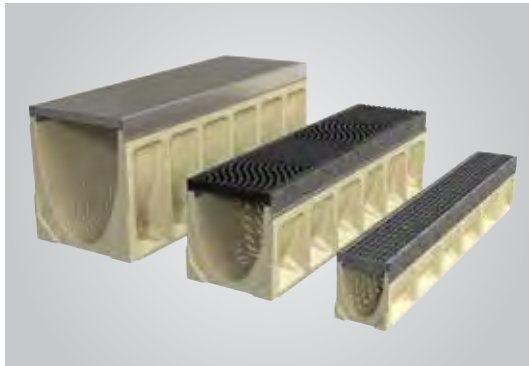
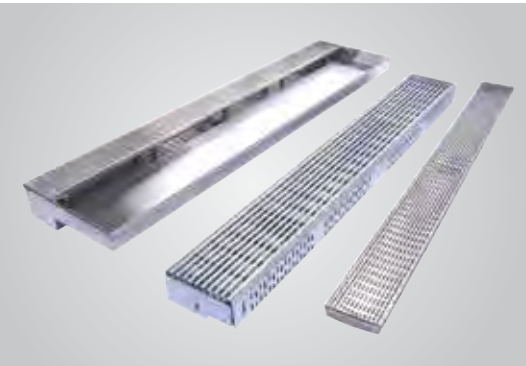
www.acoaus.com.au/wildlife





ACO, Australian Made

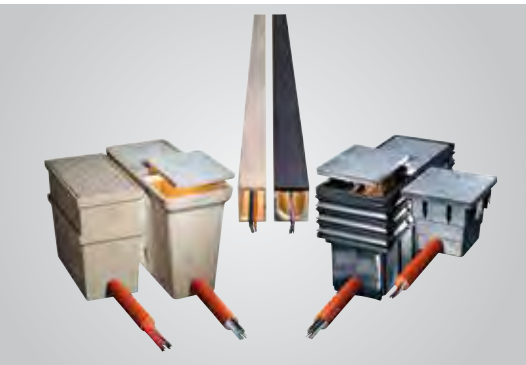
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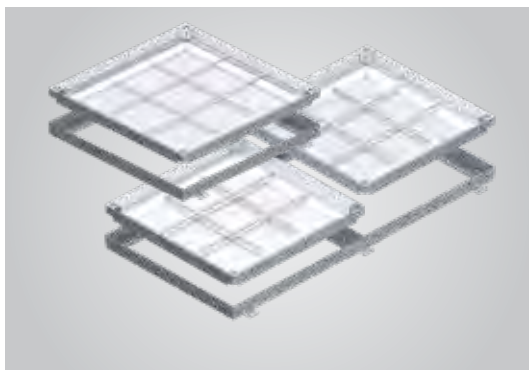
With over 30 years of Australian manufacturing experience in Western Sydney, ACO prides itself from drawing on the expertise of Australian talent for its workforce as well as sourcing locally sourced raw materials for the manufacture of finished products.

ACO's core competency includes polymer concrete casting, rotational moulding, metal fabrication and assembly.

The famous 'Australian Made' logo is the true mark of Aussie authenticity. It's Australia's most trusted, recognised and widely used 'country of origin' symbol, and is underpinned by a third-party accreditation system. This ensures products that carry the logo are certified as 'genuinely Australian'.



www.acoaus.com.au/australianmade



Intelligent Sustainable Solutions



ACO is a global leader in the manufacture of intelligent water management solutions to support Water Sensitive Urban Design (WSUD) with products that have a dual purpose of protecting people from water, and water from people.

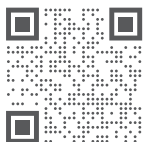
Increasingly extreme weather must be counteracted by more complex and sophisticated drainage concepts. ACO's products are manufactured to be mechanically strong and UV stable with high thermal and corrosion resistance. They are tested to perform to the strictest performance standards to ensure they last for the design life of the project without premature replacement.

Where possible, ACO keeps its supply chain local to ensure transport distances from cradle to grave are short, minimising the carbon footprint associated with transportation.

As an Australian manufacturer and supplier, ACO strives to operate in a sustainable manner with actions to:

- eliminate or minimise waste and pollution, at every opportunity
- explore ways to make our products more sustainable
- be energy efficient
- use clean energy sources, as far as practical
- recycle where possible, at every opportunity
- partner with sustainable companies whenever possible

In 2023, ACO commissioned a GHG assessment that identified the company's environmental impact comprising our entire Australian manufacturing, sales, and warehouse operations. The final report broke down ACO's carbon footprint against industry benchmarking. It also contained key performance indicators critical for further greenhouse gas reporting and tracking. ACO's life cycle assessment on our core products is currently in progress and this will form the basis of an Environmental Product Declaration due to be published in 2026.



ACO is an ambassador for the UN SDG 6

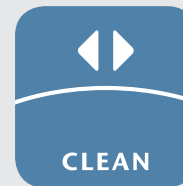
ACO has an official partnership with UNESCO World Engineering Day 2025! As a leader in water technology, ACO joins this global initiative to emphasise the vital role of engineering in achieving the UN's Sustainable Development Goals.

ACO WaterCycle System



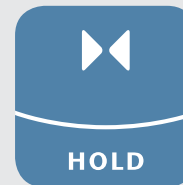
Collect: gather and capture

The surface water or the liquids being treated are collected from the surface as quickly and as completely as possible by the drainage system. This part of the ACO WaterCycle guarantees protection, safety and comfort for the people, buildings and traffic routes in the immediate vicinity.



Clean: pre-treat and process

The collected liquids are treated using integrated physical, chemical or biological processes that ensure they can be discharged into the stormwater or sewer system. This part of the ACO WaterCycle creates the conditions for recycling and sustainable use.



Hold: retain and contain

Containers, barriers and valves ensure that the liquids stay within the drainage system where they can be properly controlled. This part of the ACO WaterCycle enhances protection and safety for extreme situations: e.g. heavy rain, flooding or handling hazardous liquids.



Reuse: pumping, discharging and reusing

Pumps, lifting plant central orifices and pipe systems transfer the collected, treated and controlled water into the downstream systems and processes. This part of the ACO WaterCycle brings the collected, treated and controlled water to the interfaces for further treatment, re-use or release.

www.acoaus.com.au/sustainability

ACO. we care for water

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