

Building Drainage Architecture

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 Building Drainage Architecture

ACO offers solutions that are designed to protect the building from water at and around the building line from the ground level up to the roofline.

ACO's range of products, complete with a choice of grates are purpose designed to suit the drainage requirements of buildings. ACO's grate options help the designer facilitate access and mobility within and around the building envelope, whilst complying with legal requirements and the aesthetic objectives of the design.

Modern and Sustainable Architecture

Drainage in buildings is often required to protect the structure from stormwater and wastewater damage and flooding. Specific areas include bathrooms, thresholds, balconies, patios, facades, doors, swimming pools, rooftops and other alfresco areas. To respond to a growing built environment and more complex legislation, ACO's products offer excellence in visual appeal, integration, customisation and user safety.











BalconyDrain

Compact linear drainage solutions











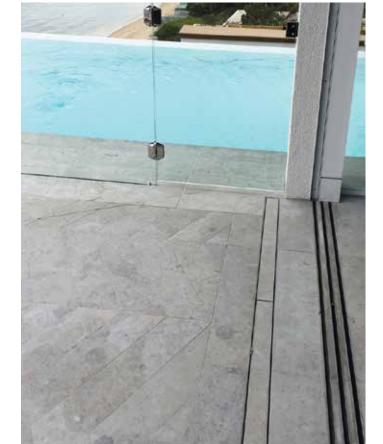




Compact Drainage Solutions for exposed floors

BalconyDrain is a range of shallow drainage channels designed for areas that require compact and discreet solutions around the building line. The drainage system is not limited to use in balconies. It can also be used in areas along the building line, for example, terraces, patios and other areas with restricted construction depth.

BalconyDrain is available in a choice of depths and widths to suit site, user and hydraulic requirements. Grates are designed to be aesthetic, slip resistant and will not trap narrow heels





www.acobuildline.com.au/balconydrain

ACO ShowerChannel

Linear bathroom drains















Discreet, safe and elegant shower drains

ACO's bathroom drainage solutions inspire creative bathroom planning. They allow the use or elimination of physical barriers (shower hobs) within the bathroom floor and can be incorporated into a wide range of designs. Systems comprise stainless steel linear drains which can be customised.

ACO ShowerChannel is available in a choice of depths and widths to suit site, user and hydraulic requirements. Grates are designed to be aesthetic, discreet and slip resistant.

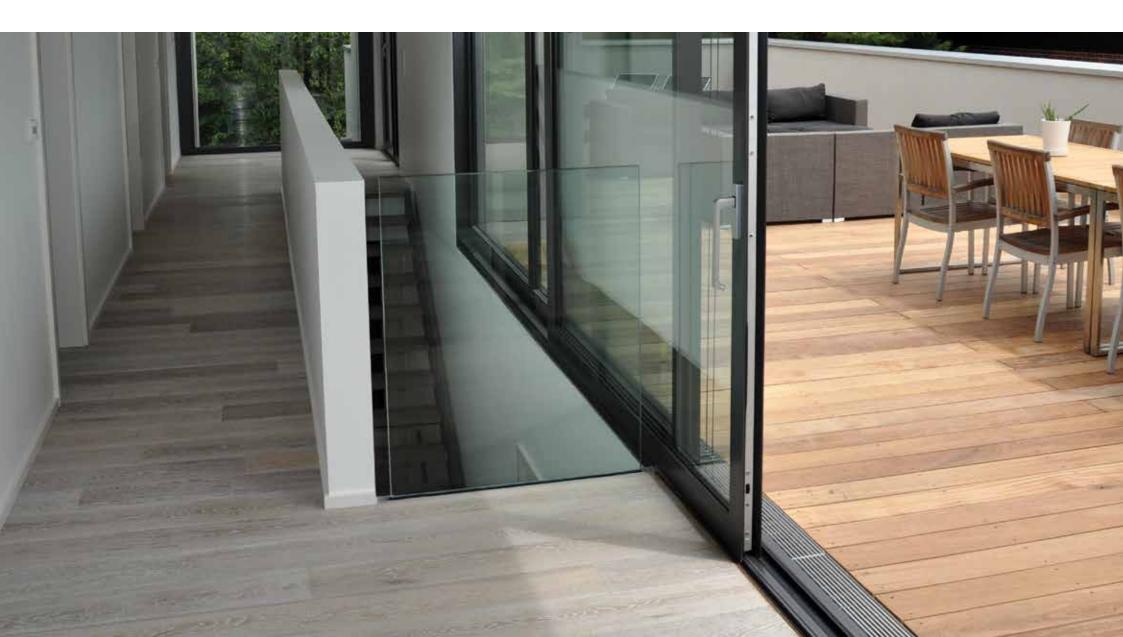


www.acobuildline.com.au/showerchannel

ACO RainTrak

Threshold door drainage















Threshold drainage for sliding and bi-fold doors

RainTrak® is a stormwater drainage system designed for integration with a drainable aluminium doorsill to create a flush entranceway. Flush entranceways require linear drainage to remove wind driven rain from the door and building facade.

RainTrak® is designed to be installed adjacent to the door track, external to the building in entranceways, balconies and courtyards

Each door manufacturer has differently designed doors, requiring customised drainage solutions that specifically suit the door sill used on each project. RainTrak® is designed to be adaptable to any number of door sills.







ACO ProfiLine

Surface and subsurface drainage















Perforated linear drain for surface and subsurface drainage

ACO ProfiLine is particularly suitable for porous pavers, elevated pod style decks as well as green roofs that require a balance of draining water, whilst keeping soft bedded areas moist for plants to flourish. During heavy rain, the landscaping will become saturated and both surface and infiltrated runoff can be directed towards the channel which discharges into a roof or floor drain.

During light rain, the water runoff from the surface or facade will percolate out of the channel side walls and help irrigate the landscape.





www.acobuildline.com.au/profiline

ACO Self

Products for the Home and Garden











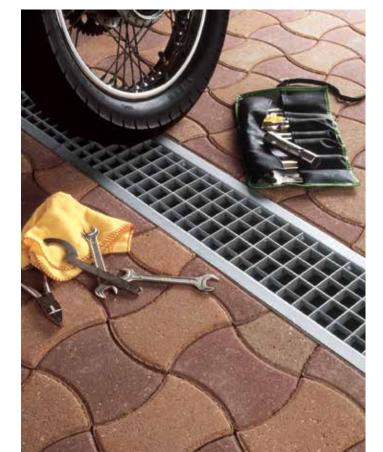




Quality products for private open spaces

ACO Self is a range of building products specifically designed for the residential landscaper and do-it-yourself enthusiast. The products offer the same quality and design excellence as ACO's commercial lines, but are designed to meet the demands and budget of the residential customer.

Products in the range include surface drainage, such as trench drains and point drains, and other landscape products.

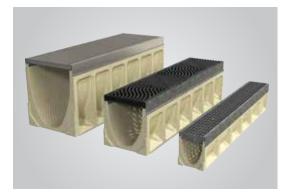




www.trenchdrain.au



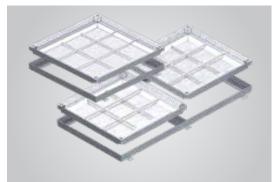












ACO, Australian Made and Certified

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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'.

ACO's relevant product lines are opproved for plumbing drainage and have WaterMark certification.





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 WaterCacle 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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