

Utility Enclosures

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

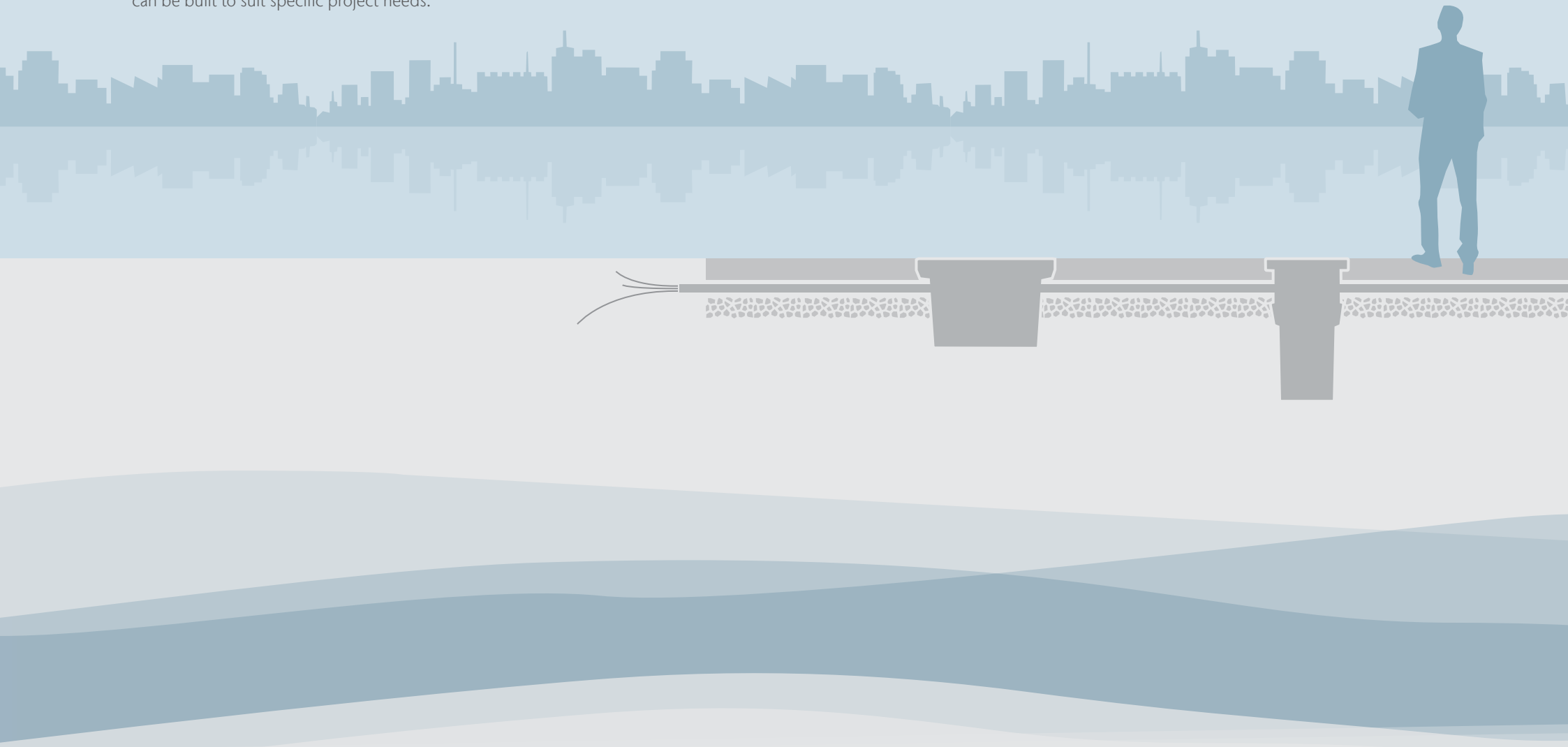
ACO in Australia was established in 1993 and is Australasia's leading manufacturer of water and cable management products with production facilities located in NSW. With over 30 years of Australian manufacturing experience in Western Sydney, ACO prides itself in drawing on the expertise of Australian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

ACO Utility Enclosures

ACO offers a wide range of trafficable cable enclosures in various materials including non-conductive plastic, cement concrete and polymer concrete. To complement this range, ACO offers a choice of lids and access covers to meet the load requirements defined by AS 3996 for all security requirements from non-locking and standard locking to patented high security designs to meet specific client and government requirements.

ACO Cable Management

ACO cable pits provide access for branching, bending and jointing of fibre-optic and low voltage cables whilst allowing access through lids or covers. Surface ducting systems offer continuous cable access in trafficable pavements through removable lids and can be designed to blend into their surroundings. ACO offers a wide range of high-quality AS 3996 access covers that provide easy underground access while maintaining decorative finishes. With various configurations and materials, ACO multipart cover systems can be built to suit specific project needs.



ACO Polycrete® Pits

Rigid lightweight strong polymer concrete pits





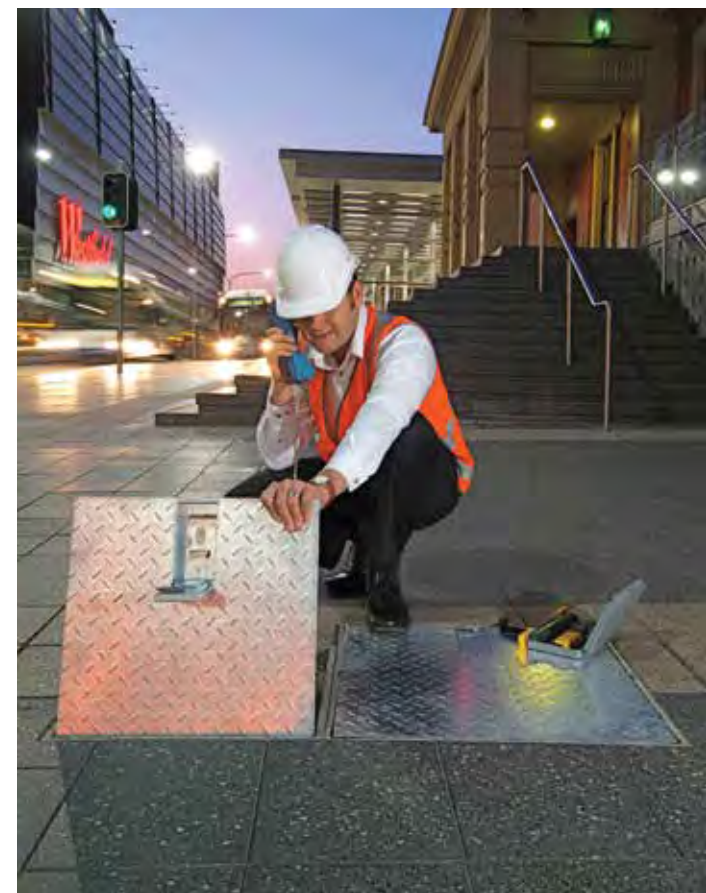
Pits manufactured from durable lightweight polymer concrete

Polycrete® Pits have excellent insulation properties, high mechanical strengths, chemical resistance and zero water absorption, which makes them ideal as electrical and communications enclosures. Lighter and therefore less cumbersome than traditional concrete pits, only large polymer concrete pits require special lifting equipment.

All pits can be supplied with a variety of lids and access covers, providing convenient underground access. Where required, covers can also be chosen to maintain decorative finishes. Options are available to comply with all AS 3996 load requirements, with non-locking and standard locking through to high-security solutions

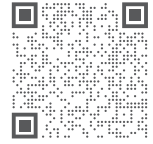
Series Isolation Transformer (SIT) pits and Earth Rod pits are also available in polymer concrete.

www.acocablemate.com.au/polymerw



ACO Plastic Pits

Polyethylene moulded cable pits





Pits manufactured from robust, flexible polyethylene

Polyethylene moulded pits are lightweight, easy to cut and feature a ribbed construction for strength and durability. Recommended for light duty applications, they are robust, cost-effective and versatile.

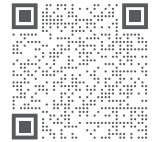
All pits can be supplied with a variety of lids and access covers, providing convenient underground access. Where required, covers can also be chosen to maintain decorative finishes. Options are with non-locking and standard locking through to high-security solutions.

www.acocablemate.com.au/plastic



ACO SCEC Approved High Security Pits

High strength concrete pits and plinths





SCEC approved concrete enclosures

The ACO PITLOK® and ACO COVERCOM® range has been fully tested and assessed by the national security service of Australia who appraises on behalf of SCEC. SCEC have subsequently endorsed the lids, plinths and pits for the 'Protection of Classified Material' to SL1 and SL2 respectively.

SCEC is an Australian Government department that evaluates security equipment for sensitive environments such as those that form part of the Department of Defence.

ACO's SCEC range are published in the industry's SEEPL catalogue.

www.acocablemate.com.au/scec



ACO EzyBrixx®

Rigid twin wall plastic pits





Twin wall pits constructed with interlocking wedge system

EzyBrixx® is a range of modular rigid plastic pits comprising an innovative interlocking wedge system. EzyBrixx® pits are capable of withstanding wheel loads and in most cases a concrete backfill is not required.

Components are made from 100% recycled polypropylene and are configured in 150mm high stacking units to create a lightweight and easy to install pit of any depth.

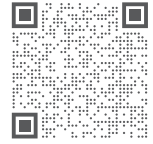
The EzyBrixx® modular units allows for customised sizes and delivered preassembled to site. A choice of trafficable locking lids and access covers are available to provide security for underground infrastructure.

www.acocablemate.com.au/ezybrixx



ACO Surface Cable Ducting

Modular polymer concrete ducting channels

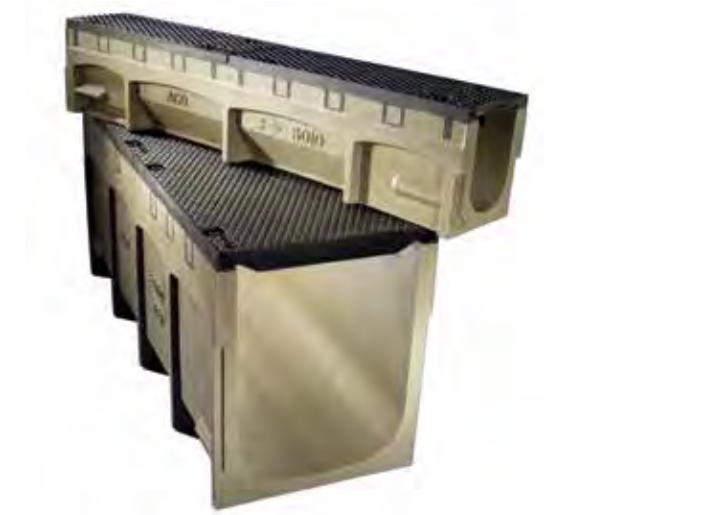


Precast modular ducting channels with lids

The range comprises light and heavy-duty cable ducting systems, available in 100mm, 200mm and 300mm nominal widths. These one-metre-long modular channels are manufactured from strong rigid polymer concrete to produce continuous ducting runs.

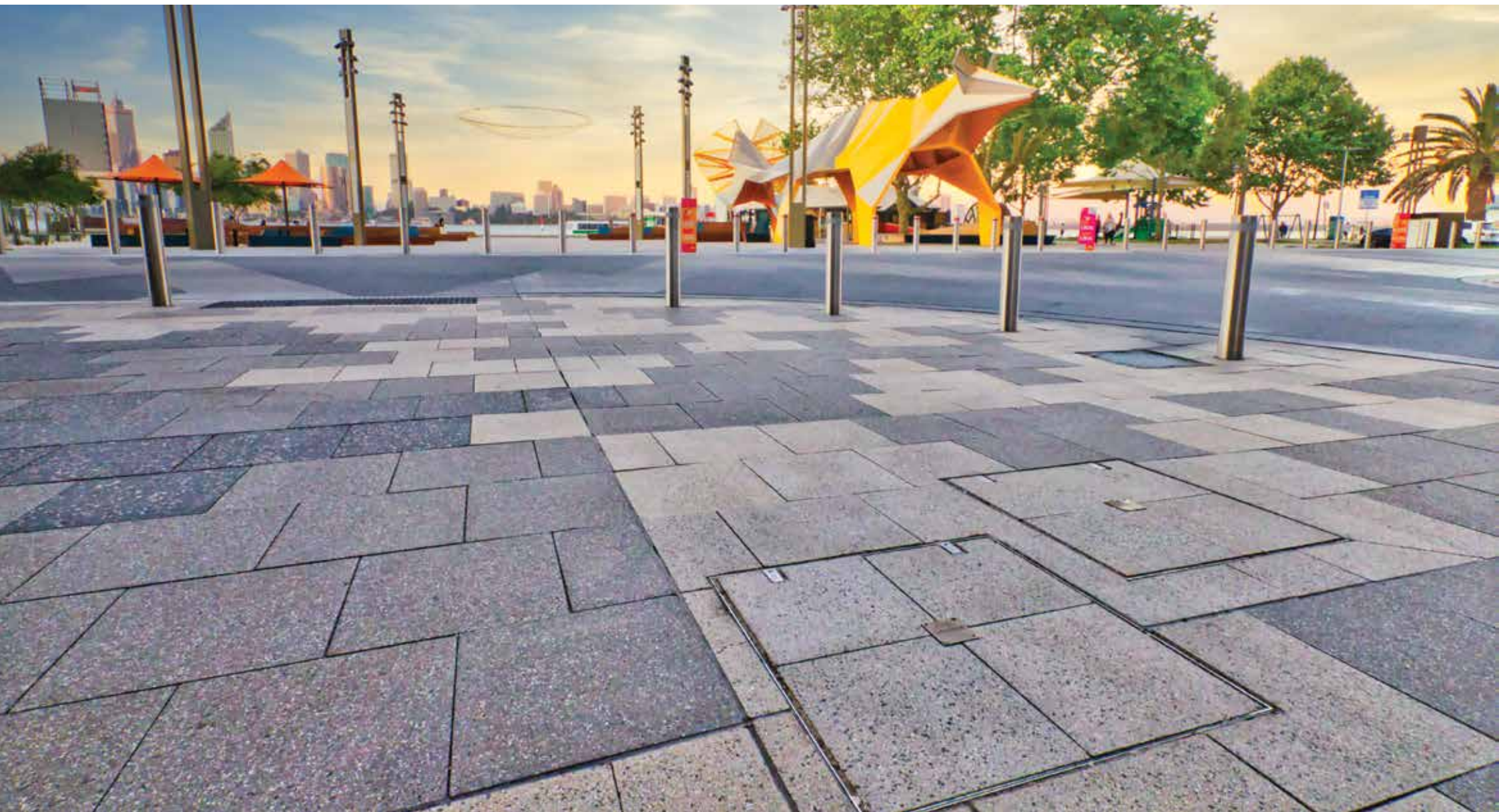
Lids are available in polymer concrete, steel and ductile iron to suit every application up to Class G (AS 3996). All channels offer continuous and unobstructed access to cables when lids are removed.

www.acocablemate.com.au/ducting



ACO Rhinocast®

Ductile iron access covers





Ductile iron access covers for urban and civil engineering applications

A comprehensive range of iron infill and solid top covers.

ACO's Rhinocast® Infill range is available in single part, 2 part, trench run and multipart configurations up to class G900kN (AS 3996). The range comprises circular, square and rectangular access covers manufactured from ductile iron in full compliance with AS 3996.

Brass and stainless edging are options for tile and paver applications.

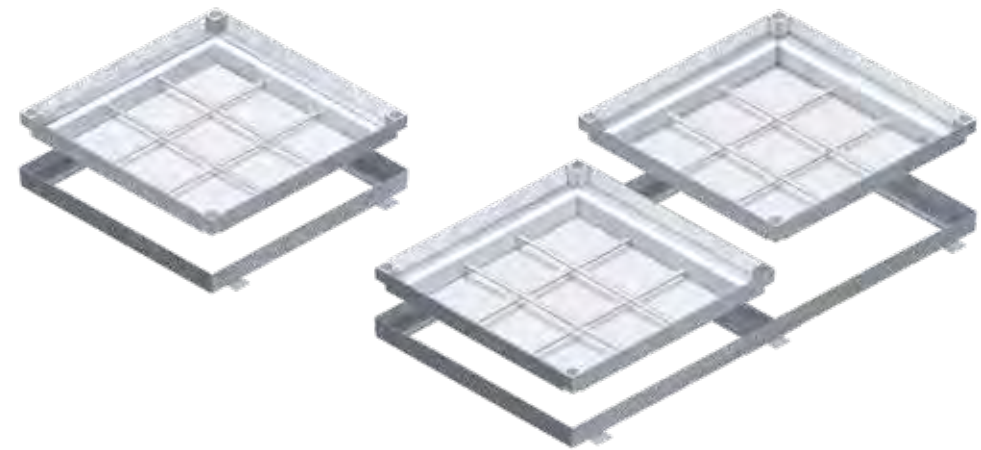
www.acocablemate.com.au/rhinocast



ACO Urbanfil®

Galvanised steel access covers





Steel recessed access covers for private and public urban spaces

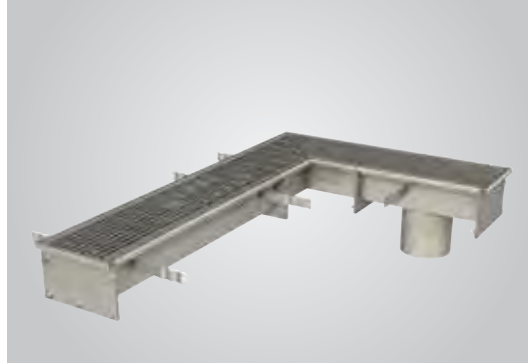
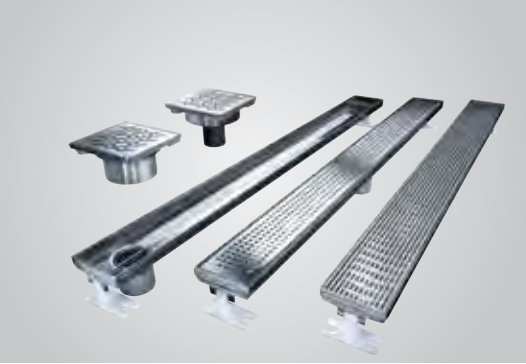
A range of galvanised steel recessed cover and frame systems for use with tiles, pavers, concrete and epoxy floors.

The range comprises square and rectangular infill access covers manufactured from hot dip galvanised steel. The steel base is fitted with reinforcing bars to provide flexural strength with concrete poured in situ.

These cover systems are available in single part and 2 part up to class B80kN (AS 3996) when tested filled. Brass edging is an option for aesthetic applications.

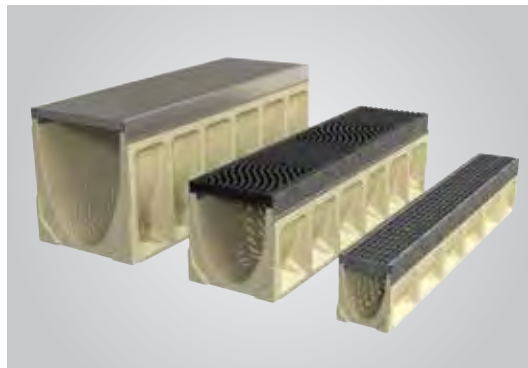
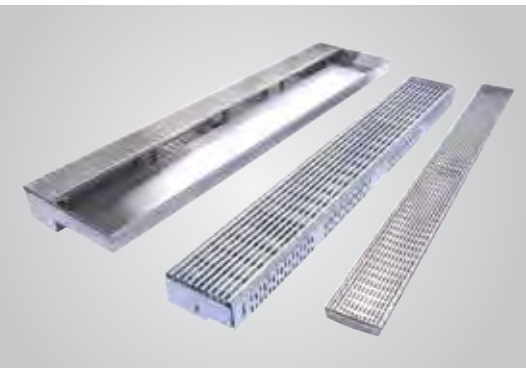
www.acocablemate.com.au/urbanfil





ACO, Australian Made

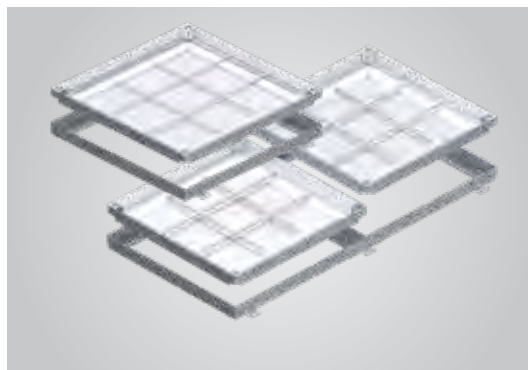
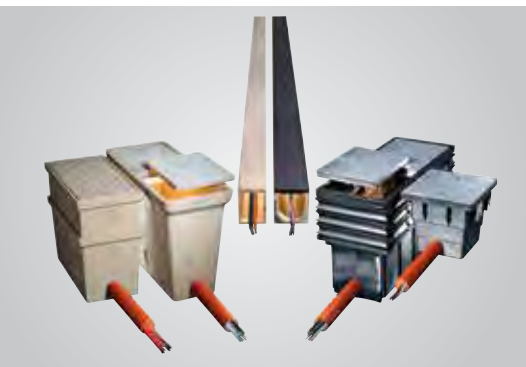
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With over 30 years of Australian manufacturing experience in Western Sydney, ACO prides itself from drawing on the expertise of Australian talent for its workforce as well as sourcing raw materials locally for the manufacture of finished products.

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.

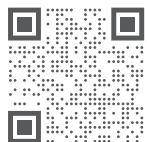
Increasingly extreme weather must be counteracted by more complex and sophisticated drainage concepts. ACO's products are manufactured to be mechanically strong and UV stable with high thermal and corrosion resistance. They are tested to perform to the strictest performance standards to ensure they last 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. we care for water

ACO Pty Ltd

www.acoaus.com.au

New South Wales and Head Office
134-140 Old Bathurst Road
Emu Plains NSW 2750 Australia
Telephone +61 2 4747 4000

Queensland
467 Tufnell Road
Banyo QLD 4014
Telephone +61 7 3292 4500

Victoria
9 Overseas Drive
Noble Park VIC 3174
Telephone +61 3 9790 8800

Western Australia
33-35 Sorbonne Crescent
Canning Vale WA 6155
Telephone +61 8 6250 3700

South Australia
Unit 14, 17-19 Churchill Road North
Dry Creek SA 5094
Telephone +61 8 8162 7800

Sales Hotlines

Telephone 1300 765 226
sales@acoaus.com.au

Technical Services

technical@acoaus.com.au

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