



ShowerDrain launched at Designbuild, 2007



ShowerDrain system with
Linéaire grate

Wet areas provide one of the most visible environments for drainage systems, requiring designers to select quality products for optimum performance, aesthetics and safety.

ACO, innovator and manufacturer of the world's most established range of high performance building drainage systems is exhibiting at Designbuild, Sydney. New to its range is **ShowerDrain**, compact bathroom drainage floor troughs complete with the industry's broadest selection of highly aesthetic grates. Manufactured from stainless steel and available in 900mm, 1200mm or built to custom lengths, **ShowerDrain** can easily be secured into the topping screed making it ideal for existing (retrofit) or new bathrooms.

Six grate options are available including **Linéaire™** a unique patented grate designed with anti slip features to ensure surfaces are safe to walk on when wet. For efficient drainage, 50% of the grate's surface area is open leaving wet areas free from hazardous water build up.

ShowerDrain is fully accredited to the strictest regulatory requirements and can be installed adjacent to walls, shower hobs and even in hobless applications for uninterrupted safety of passage.



Flag

Lineaire

Pearl



Quadrato

Raindrop

wave

This Issue



ACO attends Hagemeyer Conference - Page 2



HVAC grates satisfy form and function - Page 2



AQIS approved pork facility installation - Page 3



Slick grates on the waterfront Page 3



ACO's export business expanding - Back page



ACO access website - the definitive guide Back page

For more information on ACO's products or services, contact our sales office or visit:

www.acoaus.com.au

HVAC grates satisfy form and function

Innovation is something every new building design aspires to. Be it through cutting-edge design or facilities, architects and developers are continually challenging the established norms.

The Millennium Arts project is no different. With a strong emphasis on reducing the buildings' environmental impact, the project incorporates a number of pioneering systems.

ACO was approached by Bovis Lend Lease to manufacture **stainless steel floor grates** for ventilation of the gallery's ducted air-conditioning system.

A number of exigencies needed to be addressed before the product would be considered suitable for use in this application. The grates needed to meet the slip resistance requirements of the various floor finishes within the galleries. They also needed to meet a 5kN load rating in line with the structural floor slab, as well as being heelproof to prevent the penetration of stiletto heels while allowing enough of an air flow into the gallery areas.

To meet the load rating requirements and expected point loads of the lifting equipment used in the gallery, ACO re-engineered the grate to provide greater reinforcement, especially for the wider sections.

Manufactured from stainless steel, and in widths up to 700mm, more than 500 lineal metres of grate now complements the overall industrial aesthetic of the gallery space.



Gallery of Modern Art, QLD

**Aussie
made
perimeter
drain keeps
hitting
boundaries.**

MCG, VIC

ACO attends Hagemeyer's Connections Conference

In April 2007, the Hagemeyer Electrical Group held its Connections Conference in Kuala Lumpur, Malaysia.

Andrew Squire and Gary Wray represented ACO at the conference where the management, staff and customers of Lawrence and Hanson and Auslec were introduced to ACO's access covers, including popular systems as Rhinocast, Urbanfil and Pavermate. These systems complement ACO's cable pit and ducting range.

Designers and contractors now have enormous scope for selection for their project requirements. ACO also has an established technical department

staffed with qualified engineers to support its products. The service is offered free of charge and without obligation to Lawrence and Hanson, Auslec branches and their customers.

With advances in distribution techniques, ACO now has the capability to deliver goods to stores or construction sites, regardless of the size of the consignment anywhere within Australia. The company has enjoyed a successful association with Lawrence and Hanson and Auslec stores for over ten years. Its attendance at the Connections Conference marks the start of an enduring reciprocal relationship for all parties.

The Melbourne sports precinct, dominated by the Melbourne Cricket Ground (MCG) has the distinction of being one of the largest sporting districts with such close proximity to a CBD. Due to the upgrade in preparation for the Commonwealth games, the MCG now seats almost 100,000 spectators.

Part of the refurbishment was the most significant surface works performed at the ground in its 150 years. This involved careful coordination of the arena renovation and ground works with the construction of the running track. In preparation for the laying of the track base, the crown was completely removed and prior to the reinstatement of the centre wicket slab and portable pitches, a new irrigation and drainage system was installed.

600 metres of perimeter drain, supplied by ACO Polycrete was installed along the boundary fence and beneath the advertising awnings. **KlassikDrain** (100mm wide) trench drain, complete with durable, UV stable polypropylene grates and robust ductile iron grates for areas of vehicular access was selected. **KlassikDrain** is a grated trench drain complete with QuickLok, ACO's patented boltless locking system allowing for quick access to trenches for maintenance.

Nominated by the project's track manufacturer MONDO, a further 600 metres of ACO's specialised sports drain system, **Sport 3000**, was installed for the drainage of the running track, as well as the long jump and presentation areas. ACO's sports systems have been installed in major sporting stadiums (including the Sydney Olympic Stadium) for over 30 years.



Connections Conference, MALAYSIA

AQIS approved solution for Pork facility



QAF Meats is the largest producer of pigs and pork meat in Australia. In order to enhance its marketing and distribution capabilities, QAF Meats, through a joint-venture subsidiary Diamond Valley Pork Pty Ltd has opened a new abattoir in Laverton, Melbourne.

The company works within the guidelines of the Australian Quarantine and Inspection Service ('AQIS') approved Meat Safety and Quality Assurance Standard. Under this programme, standard operating procedures have been developed and implemented for various activities such as chilling. These mechanically refrigerated areas for meat require sufficient drainage so that liquid is effectively removed during washdown operations. ACO Drain is AQIS approved and therefore meets the required standards of hygiene as for typical equipment for edible product areas. Internationally, ACO Drain products have also the unique distinction of being granted with USDA approval for use in federally inspected food processing plants.

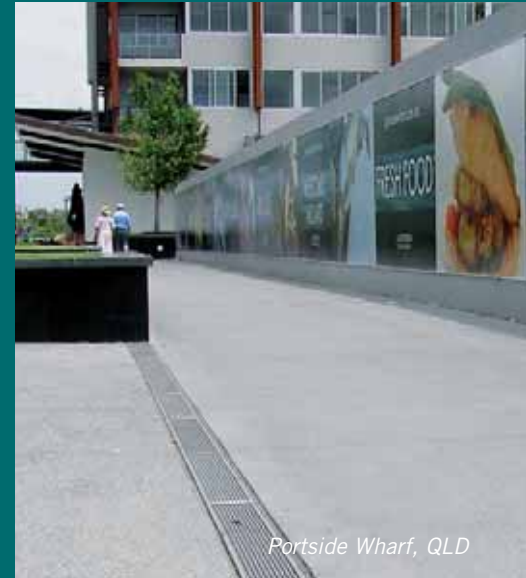
“ACO Drain is AQIS approved and therefore meets the required standards of hygiene as for typical equipment for edible product areas”.

According to AQIS guidelines, waste deposits combined with very alkaline cleaning agents used during wash down operations; require drainage products to be durable and corrosion resistant. Resinous materials need to be resistant to abrasion and heat, shatter proof and non toxic.

The **KlassikDrain** (100mm wide) trench system with composite grates was installed in the application. Its channels, made from corrosion resistant polymer concrete with integrally cast stainless edge rails, were configured to produce sloped runs. This ensures that runoff liquid could be transferred quickly to the secondary stage of drainage. The durable resin composite grates are ideal for the application having small apertures to inhibit bulky solids from being washed into the trench. The captured solids are later removed with a 'dry sweep'.

As an ISO 9001 registered company, ACO has supplied a variety of products to food processing, wineries and breweries worldwide for over 30 years.

Slick grates on the Waterfront



Brisbane's Portside Wharf was opened on August 29, 2006, a world class passenger terminal, catering for ships of various types and sizes. It has become the gateway to Brisbane and its beach resorts. The hinterland regions of the Gold Coast and Sunshine Coast are also a short drive away.

The expansive riverfront location is the beginning of Brisbane's largest urban renewal project. Hamilton Northshore comprises restaurants, fresh produce markets, cinemas and a premium function centre all set along a public plaza and vibrant wharf. Portside Wharf, on the Waterfront at Hamilton contains Brisbane's exclusive riverfront residences with over 150 apartments overlooking the Brisbane River

During storms, to keep the numerous flat walkways and access paths free from hazardous surface water build up, designers had decided on hundreds of metres of trench drainage. In highly (foot) trafficked areas at close proximity to the waterfront, Grade 316 stainless steel Heelguard Antislip™ grates were selected to ensure safety of passage for the thousands of people that visit each week. Manufactured by ACO Polycrete, these grates are locked into ACO Drain modular precast channels made from durable polymer concrete with integrally cast stainless steel edge rails. This gives the trench drain a highly polished aesthetic appearance as well as superior corrosion resistance.

Heelguard Antislip™ grates are only available from ACO Polycrete and are rated to R10 – AS/NZS 4586:2004 Slip resistance classification. The grates come in 3 standard widths up to 300mm and are locked into the ACO Drain **KlassikDrain** system, ACO's general purpose modular trench drain range. Channels in the **KlassikDrain** range can be assembled to produce sloped runs for efficient drainage, ideal for flat pavements.

To cater for service and public vehicles, ACO's heavy duty trench drain, **PowerDrain** was also installed across the Riverfront's numerous access roads.

Fully accredited building *drainage systems*



Boags, TAS



Heelguard Antislip™
Patent No.635425



ACO are established world leaders in the manufacture of high performance stainless steel building drainage solutions.

Its purpose built **line drainage systems**, including over 10 grate options, are now fully accredited to WaterMark Licence Level 2. WaterMark is granted to products that comply with MP52 or AS/NZS 3500 and certified in accordance with ISO/IEC 67.2004, System 1b. This allows designers and installers to select any system from ACO's range with confidence.

The offering includes a variety of stainless steel trough and grate systems manufactured in either grade 304 or 316 for hygiene and aesthetic applications. A choice of edge profiles and grates are available to suit most load, security requirements and surrounding floor finishes.

The comprehensive range is ideal for commercial, industrial and residential applications.

ACO's Export Business keeps expanding.

So far in 2007, ACO Polycrete has sold and supplied products to many different countries. These include New Zealand, Fiji, Singapore, Solomon Islands, Vanuatu, Philippines, Malaysia and UAE.

The products supplied range from cable pits and covers for the new Intercontinental Hotel in Fiji, sports track drainage products to Malaysia,

grease separators for Changi (Terminal) 3 Airport in Singapore and multipart access covers, manufactured to EN124 Standards, to Dubai

ACO is a Global Company and is able to provide excellent customer service to support its truly diverse product range throughout the world.

ACO Access Website - the definitive guide

ACO Polycrete has upgraded its website to include a new section detailing its range of access covers, the widest range of cover and frame systems in Australia.

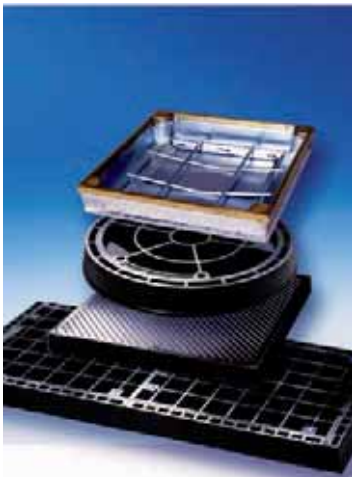
The website provides useful information to assist specifiers in selecting the right product for the project application so that potential problems are eliminated such as failures during service. A number of key factors to consider are explored in detail.

Over 100 product thumbnails can be downloaded for specification as well as over 70 installation drawings incorporating all systems for various load classes and pavement types. For installers, a comprehensive installation guide is available.

During recent years, the ACO Group has expanded its access cover business to become a world leader. As part of its growth, ACO has placed particular emphasis in the area of single and multiple manhole covers and recessed steel covers. This is supported by its Sydney based Technical Services Department with many years experience advising on access covers.

"Over 100 product thumbnails can be downloaded for specification as well as over 70 installation drawings"

A request sheet is available online for customers requesting a custom design. ACO's engineers will design an optimal multipart solution based on specific design criteria. This is a free service offered without obligation.



Visit: <http://www.acoaus.com.au/access>

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