

ACO stainless



ACO – World Leaders in Drain Technology

ACO is the world leader in the design and manufacture of corrosion resistant products and surface drainage systems.

Established in 1946, the ACO group has manufactured products for over 50 years for the construction industry. The group operates on a global basis through its subsidiaries and manufacturing facilities in over 25 countries in 3 continents. ACO employs more than 3,200 people and has sales in excess of \$A800 million.



Material Technology

ACO is the market leader in the design of stainless steel drainage systems.

Stainless steel is the name given to a wide range of steels that have greatly enhanced corrosion resistance over conventional mild steels.

In the building and construction industry, stainless steel is selected due to its:

- Excellent strength and resistance to oxidation at high temperatures.
- Durability and corrosion resistance in highly aggressive environments
- Hygienic benefits, easily cleaned surfaces.
- Aesthetically attractive surface finishes.
- Non-magnetic properties

All the above make stainless steel an obvious choice for demanding applications.

There is a vast range of different stainless steels available. Austenitic stainless steels are the most widely used and encompass the generic 304 and 316 grades. These materials are ideal for applications including food processing, dairy, brewing, pharmaceutical, chemical and petrochemical industries.

Grade 304

Grade 304 stainless steels contain around 18% chromium and 10% nickel and provide excellent corrosion resistance.

Grade 316

Grade 316 stainless steels also contain 2.2% molybdenum. This makes them ideal for applications where superior corrosion resistance is required, particularly where chlorides are involved.

Selection of material grade is dependent on the application.

ACO recommends products that are Pickle Passivated and Electropolished for optimum corrosion and bacterial resistance.

Quality

The ACO group is dedicated to achieving the highest possible standards of quality throughout the organisation. ACO Polycrete Pty Ltd is an ASI registered firm having been assessed to ISO 9002, the internationally recognised standard for quality.



ACO Drainage surrounding the Olympic Cauldron Fountain, Sydney.



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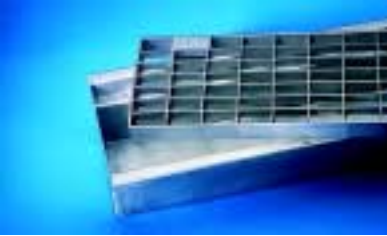
Stainless Steel Line Drainage

ACO Polycrete offers a variety of stainless steel trough and grating solutions.

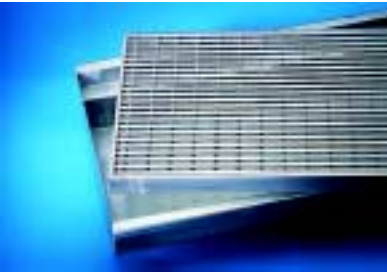
The systems comprise 1.2mm (minimum thickness) steel troughs and gratings, manufactured in grades 304 and 316 stainless steel. A variety of edge profiles and gratings are available to suit varying load requirements and surrounding floor finishes. Gratings may be locked for safety and security.

- Grating and trough solutions in standard 100mm, 200mm & 300mm internal widths and in varying depths and configurations.

System 100



System 200



System 300



Custom Solutions

- For applications requiring products to be manufactured in custom widths, sizes and other grades of steel, ACO can supply a total custom solution.
- Grate & Frame, and matting.

