

# LONDON 2012 OLYMPIC PARK



[www.acobd.co.uk](http://www.acobd.co.uk)

## THE PROJECT

ACO Building Drainage played a key role in the construction of two venues within the London 2012 Olympic Park - the Velodrome and the Aquatics Centre.

## THE BRIEF

With an elliptical superstructure, the Velodrome comprises three concrete tiers which can seat 6,000 spectators. The contractors needed a drainage supplier that could complete extensive surveys to ensure site drainage would link up with mains drainage, specify the wide range of products required to meet the challenging requirements of the location and install the systems to a tight deadline.

Drainage was also required for both the internal and external parts of the Aquatics Centre, designed by Zaha Hadid Architects. Quality and performance were key specification criteria and the key reasons why contractor Balfour Beatty chose ACO Building Drainage to manage both internal and external drainage.

## THE SOLUTION

Around the Velodrome concourse 250 metres of ACO Building Drainage products were specified including 100mm-wide galvanised external walkway channels that feed into GMX down pipes. At the Aquatics Centre, ACO Building Drainage provided more than 600 metres of bespoke drainage including galvanised steel channels for the temporary stands, podium drainage, 3D drainage which matched the complex geometry of the roof, and drainage for the changing rooms and surround around the pool area.

ACO Building Drainage's Managing Director, Andy Buchan said: *"The specifications for this project were not straight forward with drainage components longer than a third of a mile required for both internal and external locations and exacting design requirements to be met. It is a testimony to our team's capabilities that we were able to design, deliver and install bespoke products in high volume and to exceptional levels of performance, finish and durability."*



ACO. The future of drainage

## DRAINAGE FOR SPORT & LEISURE APPLICATIONS

Whether you require drainage for pool and shower areas, high capacity drainage for sports grounds or rainwater outlets for leisure centre buildings, ACO Building Drainage can design and manufacture high performance drainage systems to suit your needs.

Our products offer market-leading performance with regard to corrosion resistance, durability and, when appropriate, hygiene. Our in-house design team also provides expert technical support at every stage of your project.



We provide drainage for a wide range of applications within the sports and leisure sector including: swimming pools; sports grounds; major sports stadia; leisure centres; visitor centres, and parks.

## IN WHICH SECTORS DO WE OPERATE?

ACO Building Drainage specialises in the development and manufacture of high performance drainage systems for a wide range of sectors



Food Processing



Commercial kitchens



Hotels



Infrastructure



Commercial & Industrial



Healthcare



Education



Sport & Leisure



Residential

## CONTACT US

To get advice and technical guidance for your next project, please contact our in-house technical design team. You can also obtain a copy of our full product overview guide by emailing us.



### ACO Building Drainage

A division of ACO Technologies plc

Tel: 01462 810400

e-mail: [abdinfo@aco.co.uk](mailto:abdinfo@aco.co.uk)

[www.acobd.co.uk](http://www.acobd.co.uk)

ACO. The future of drainage



ACO Building Drainage  
Product Overview

[www.acobd.co.uk](http://www.acobd.co.uk)



<http://bit.ly/acobd>



@ACO\_BD



aco building drainage