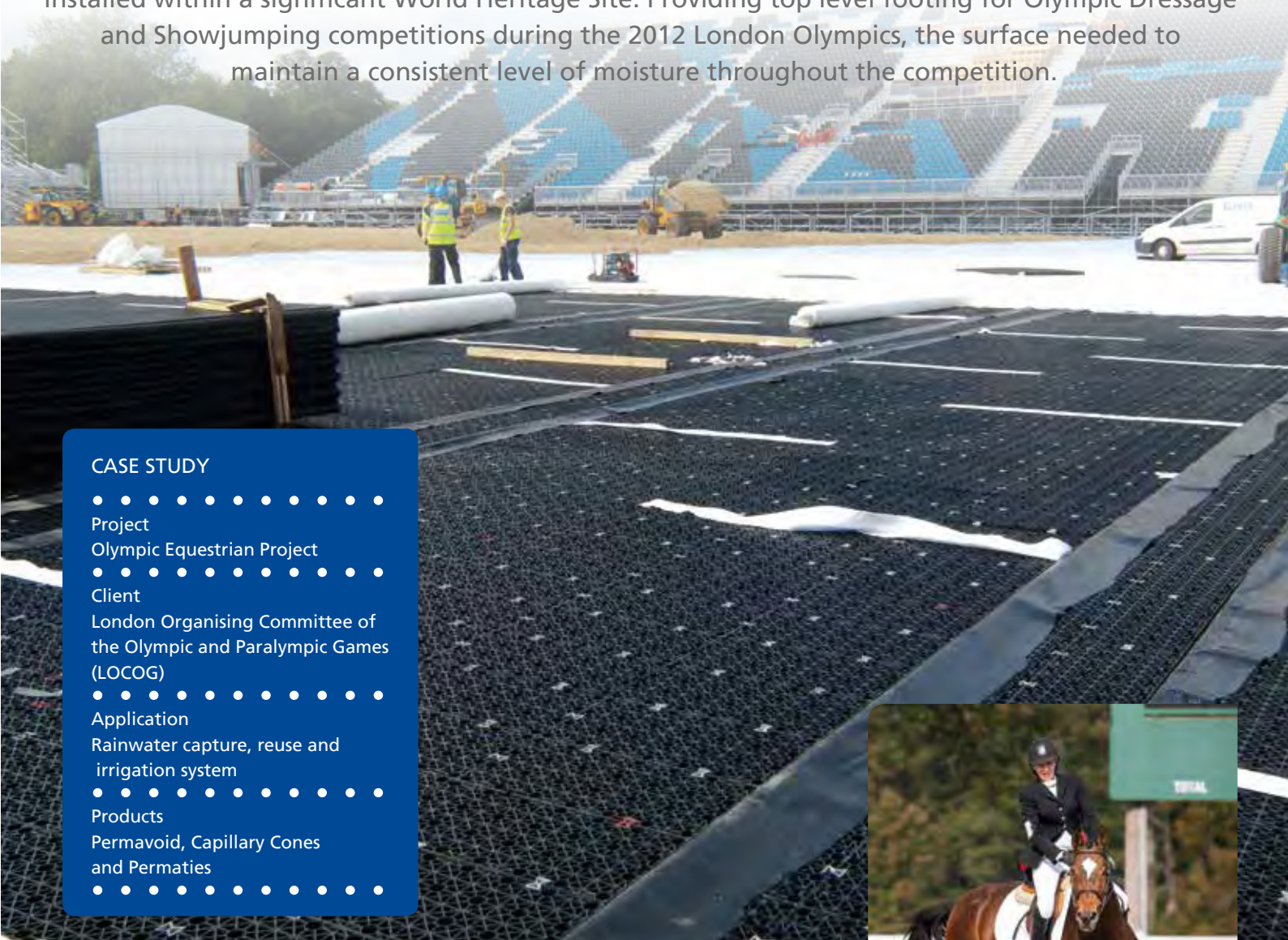


Innovative drainage deserves a medal

The Olympic Equestrian project is 32,000sqm of temporary surfacing and engineered drainage installed within a significant World Heritage Site. Providing top level footing for Olympic Dressage and Showjumping competitions during the 2012 London Olympics, the surface needed to maintain a consistent level of moisture throughout the competition.



CASE STUDY

Project
Olympic Equestrian Project

Client
London Organising Committee of the Olympic and Paralympic Games (LOCOG)

Application
Rainwater capture, reuse and irrigation system

Products
Permavoid, Capillary Cones and Permaties



Greenwich Park, a World Heritage Site featuring protected trees and an enforced zero-dig policy, could have proven a tricky area to install the surface. However, utilising our Permavoid geocellular system, the site was undisturbed and undamaged.



In Equestrian sport, the moisture content of the sand fibre surface is critical. The ability to install equestrian surfacing directly onto Permavoid allowed the surface to be well-irrigated, maintaining the optimum moisture content without flooding. And during dry periods, Polypipe Capillary Cones within the sub-base, were used to replenish soil moisture to maintain the desired soil moisture content, without the need for surface irrigation techniques.