

Legacy project boasts fencing first

Zaun returns to Olympic Athletes' Village to quell Tube noise at Academy



The Challenge

London 2012 organisers always planned, as part of their Olympic legacy, to transform the Athletes' Village into a purpose-built education and leisure campus with a specialism in performing arts comprising a nursery, primary and secondary school, sixth form and adult learning.

While the main base for organising and managing teams from the record 206 nations that took part would readily convert to their new educational purpose, they needed a fencing solution to reduce the impact of noise from the Tube line that runs alongside.

The Solution

Contractor Osborne, Academy architects Allford Hall Monaghan Morris and Lend Lease Group, who are responsible for the design, development and construction of East Village, chose Zaun's DBS acoustic fencing for the job.

Zaun used mixed recycled waste plastics to develop the DBS panels that can deflect noise and soak up flying fragments and can be incorporated onto any of Zaun's extensive range of fencing post and panel systems, so specifiers can tailor the solution to their precise needs.

The panels are easy to erect and suffer very low repair needs, significantly

reducing the whole life cost of the fencing system. The panels' impressive acoustic-loss properties have been rated B3 with a 36dB loss under BS EN 1793-2.

The Chobham Academy, which incorporates the Beth Tweddle Academy for gymnasts, has been dubbed 'the school with an Olympic playground', with swimming lessons taking place in the aquatics centre and sports days in the Olympic Stadium.

It sits on the edge of the new East Village neighbourhood with 2,818 new homes, community health facilities and over 10 hectares of public leisure space.



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This really is extreme innovation to better meet bespoke specifier needs while reducing whole life costs and cutting the overall impact on the environment.

Osborne project manager

Key Project Data

Sector	Education
Sub-sector	Academies
Project scope	Supply and Installation of Zaun DBS Acoustic Perimeter Fencing
Services provided	Design; Manufacture / Fabrication; Build
Project location	Stratford, East London
Client	Geoffrey Osborne Ltd
Contractor	Lend Lease Group
Budget	> £200,000