

Press Release

Date: 15th November 2011
Ref: PRS013.BTL



Bauer's D-Shaped Pile is Fleming Awards Finalists

BAUER Technologies' D-shaped pile, designed by Buro Happold specifically for the piling works on the Tottenham Court Road Station upgrade, has made the list of finalists in this year's Fleming Competition.

The Fleming Competition, held annually to commemorate the life and work of Dr Ken Fleming, celebrates excellence in the practical application of geotechnics in a project or part of a project, and the bespoke designed D-shaped pile, necessary due to space proofing considerations below ground, was particularly innovative.

Specifically, the top half of one pile had to have a flat side, giving a D-shape, in order to align parallel to the box structure of the planned box-shaped escalator construction, a shape dictated by the nature of the installation and the close proximity and ownership of surrounding sub-structures.

Installation was also particularly challenging as the D-shaped cross-sectional profile of the liner would not have accommodated the circular parts of the reinforcement cage, requiring an adapted process. Instead the reinforcement cage and the D-shaped liner were installed together in one single operation.

With the project making finalist BAUER's Managing Director, Michael Jones, commented: "We pride ourselves on achieving what others said was impossible and the technical complexities of

Press Release

this project allowed us to showcase our specialised abilities, as well as our innovative approach to overcoming difficult construction problems.”

-Ends-

About BAUER Technologies Ltd

BAUER Technologies Ltd is part of BAUER Spezialtiefbau GmbH, a global construction company specialising in complex and specialist foundation works, with its head office based in the town of Schrobenhausen, Germany.

BAUER Technologies Ltd is the 100% owned UK subsidiary of BAUER Spezialtiefbau GmbH, the contracting company within the BAUER Group. BAUER is known the world over as a leader in advanced deep foundation techniques. Whether it is the manufacture of specialised equipment, giving specific advice or performing the site works, BAUER is highly regarded world-wide by both consultants and contractors as the perfect partner in deep foundation projects.

For further information contact:

Debbie Darling – debbie.darling@bauertech.co.uk / Mobile: 07894 809677



Thumbnail: D-Shaped Pile