

# Keepmoat Stadium, Doncaster

Driving of precast concrete piles for a new stadium in Doncaster.



**AARSLEFF**

Aarsleff Ground Engineering has completed the ground engineering works for a new stadium in Doncaster. The new stadium is part of the massive regeneration of Doncaster with £32 million to transform the Keepmoat Stadium and its surrounding complex into one of Yorkshire's premier events venues.

The new Keepmoat Stadium will have a seating capacity of 15,231 and include conference facilities and multi-functional spaces. Homed at the stadium will be the Doncaster Rovers Football club, Doncaster Rugby League Club and Doncaster Rovers Belles Ladies Football Club.

Mowlem PLC awarded Aarsleff with the contract to install 947 No. 250mm-350mm square precast concrete piles for the stadium foundations, with Aarsleff utilising its Banut and Junttan rigs to drive the piles.

Also specified in the contract, Aarsleff carried out three dynamic load tests and static load testing on the piles. The piles for this project were driven up to 6m and achieved loads between 600KN and 1650KN.

Aarsleff completed the piling works in December 2005, with the stadium constructed the following year.

## Scope of Works

947 No. 250mm-350mm square precast concrete piles

## Contractor

Mowlem PLC

## Equipment

Banut & Junttan rigs

## Construction period

Winter 2005

Aarsleff Ground Engineering Ltd, is the UK trading arm of Danish contracting giant Per Aarsleff A/S, and is one of the UK's leading piling and geotechnical design and installation specialist contractors; actively promoting early consultation to ensure each scheme can be Value Engineered to give clients the best service, quality design, safety and value. Aarsleff's strategy and philosophy of investment into the future has resulted in its wholly owned subsidiary Centrum Pile Ltd having the most advanced precast pile production facilities in the UK, producing segmentally jointed precast concrete piles to BS En12794 to Class 1A.

## Contact

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