

# Whitehill Coating Plant, Port of Tyne

Driving of precast piles for a new asphalt plant at Port of Tyne.



**AARSLEFF**

Aarsleff Ground Engineering was awarded the foundations contract on behalf of main client Ahman Group for contractor Northumbrian Roads Ltd to install piles for a new asphalt plant at North Shields, Port of Tyne site, only 5 minutes from our North-East office. The plant is a modern self-contained system whereby aggregates are loaded into bins, weighed in hoppers and transported into a mixing tower via conveyor belts. The plant will produce asphalt for mainly highway surfacing.

The Port of Tyne is the navigation authority for the tidal reaches of the River Tyne, from the mouth to the Tidal Stone at Wylam, a distance of 17 miles. The new asphalt plants mixing tower is 25.6m in height at its tallest point with the majority of the plant being shorter reaching approximately 10m or less. The asphalt plant would utilise aggregates which are imported by ship onto Port of Tyne land.

Aarsleff Ground Engineering installed 100no 300mm square precast concrete driven piles of 6mtr length driven in made ground over stiff to very stiff clay. With Aarsleff's own Junttan PM20 HLC-5, the piles were successfully installed over a 9 day construction period.

#### Contact

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#### Scope of Works

100no 300mm square driven  
Precast concrete piles

#### Equipment

Junttan PM20HLC-5

#### Client

Ahman Group Asphalt Plant

#### Construction period

9th January 2017 - 17th  
January 2017

#### Contractor

Northumbrian Roads Ltd

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.