

# St Helens

## Our largest piling project completed in the last 10 years

Aarsleff were working for Bowmer and Kirkland constructing a large scale piling job for commercial sheds in the North-East of England. This is the largest piling job Aarsleff have completed in the last 10 years. This job consisted of just under 15,000 precast piles and 8 Junttan PM20/22 Rigs. The precast reinforced concrete piles used by Aarsleff are manufactured by sister company Centrum Pile Ltd at their state-of-the-art facility at Newark, Nottinghamshire.

### Challenges

Aarsleff's main challenge on site was the logistics. With 8 piling rigs and over 14,000 piles to be installed in a tender programme of 18 weeks, our team's focus had to be on schedule and logistics.

### Solution

The Project Delivery Team maintained high standards of communication both with the client and between project management and site in order to progress forward. Hard work put in throughout by the site team meant that despite delays, timelines created at the tender stage were met and even surpassed.

Casting is a fully automatic process using bespoke machines designed by Centrum specifically for pile production with selfcompacting concrete which does not require vibration.

### Technical Information

- 12,766no. 250mm T4 precast reinforced concrete piles
- 1,436no. 250mm T6 precast reinforced concrete piles
- 356no. 300mm T8 precast reinforced concrete piles

Our Parth Patel, Major Projects Manager, commented "This project was a challenging logistics operation from start to end. The highlight for me was Aarsleff achieving practical completion 4 weeks ahead of programme – this was mainly due to the hard work and excellent production from the site team."

Bower and Kirkland commented "Aarsleff's performance on this project has been excellent and greatly appreciated by all at B&K. We look forward to working with you all in the future."



**AARSLEFF**

**Scope of Works:**

14,558 Precast piles

**Contractor:**

Bowmer and Kirkland

**Construction period:**

14 weeks

**Equipment:**

8 x Junttan PM20/22 Rigs  
14,558 Precast piles



**Contact**

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**AARSLEFF**