

# Drax Power Station


**Client:**

Drax Power Station

**Contractor:**

Drax Power Station

**Products Used:**

Keyblok Block Paving, Birco 100 Linear Drainage, Titan Kerb and Beany Block Linear Drainage


**Background**

Drax is principally a power generation business responsible for meeting around 7-8% of the UK's electricity demand. Drax power station near Selby in Yorkshire is the largest in the UK.

**Challenge**

Drax were redeveloping an area surrounding the power station which is accessed by a large number of heavy goods vehicles as well as workers on foot.

**Solution**

A range of Marshalls landscape products were selected for the project. Marshalls Keyblok

concrete block paving is a highly durable product which is suitable for use in any loading application making it ideal for this project. Marshalls Titan Kerbs were chosen to protect pedestrianised areas from heavy goods vehicles. Two Marshalls drainage solutions were selected. Beany is a medium to high capacity combined kerb and drainage system. Excellent surface drainage capability linked with large flow capacity make Beany more cost effective than traditional kerb and point drainage. Robust concrete construction enables load classification up to E600 and withstands installation damage.

This project used Birco linear drainage in a range of sizes for differing capacities. Birco is manufactured from high quality precast concrete to ensure

robust, reliable performance. The channel walls have heavy grade rolled galvanised steel angles cast into the top, ensuring superior strength in heavy loading applications. To top the channels, the Birco 100 6mm Heelsure Cast Iron grating was used offering E600 loading capacity making it ideal for areas used by vehicles with heavy wheel loads.

#### **Benefit**

The range of products chosen for this project have created an attractive and highly durable space which is perfect for the large numbers of heavy goods vehicles using it, whilst also offering protection to the pedestrians also using the space. A range of highly effective drainage products will also ensure that surface water is cleared quickly and efficiently.