

Structherm | Fastbuild[®]

Maltby Craggs School
Rotherham

Sector: Education



Client:
Rotherham Schools Joint
Venture PFI

Building type:
2 storey education building

Project size:
2732m²

Package Supplied:
Fastbuild walls, floors & roof

Build time: 12 weeks

Background:

This school was built to replace a split-site, series of Edwardian buildings set on a tight site, along with temporary accommodation. Through consultation with the school and project team, it was decided that the school could be sited on two storeys for the Junior component. This allowed advantage to be taken of the changes in site levels and also minimise the impact of the building footprint on the available site area, maximising available outdoor spaces for pupils.

Design:

The late introduction of a large flat roof area meant modifications had to be made to the roof design. A cold rolled truss roof was utilised for all areas other than the halls. Roof lights were incorporated into the Fastbuild design. Large span PRC floor units were used to form the 1st floor area - Fastbuild has the capability to support very large spans.

Partnering Benefits:

Structherm have worked closely with Balfour Beatty on this and their previous project, also part of the Rotherham Schools Joint Venture. Balfour Beatty are keen for Structherm to work closely with their architects to modify the design in order to improve cost benefits. On this particular project Structherm were allowed to refine the design based on the architects requirements, thus making building works more cost effective. Various workshops were held by the design team throughout the project enhancing the flow of communication.



Left: Aerial view of site
Below: Completed project

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