

# PROJECT PROFILE

## Forest Academy Barnsley



**Sector: Education**

**Client: Kier**

**Size: 3,500m<sup>2</sup>**

**System: Decra Lightweight  
Tiles & BUFR**

### Project Overview

The Forest Academy is situated in the south-east of Barnsley on an attractive 7-acre site. During a 12-month renovation programme, the building was significantly upgraded, and one of the areas in need of urgent improvement was the roof. Following an open tender, MAC Roofing were selected to install over 2,500m<sup>2</sup> of Decra Classic roof tiles in a striking anthracite colour, along with 1,000m<sup>2</sup> of BUFR to various flat roof areas. All works had to be completed during term time, which created a number of challenges. In addition, the Academy is situated over 80 miles from MAC's HQ, meaning that effective project management was essential throughout.

“A tired looking, under-performing roof has been dramatically improved and this has helped transform the Academy into a modern, attractive building that everyone can be proud of.”

### The Solution

MAC Roofing provided valuable early design input to ensure that the best possible system was installed for the client. For example, Triso 10 insulation had originally been specified but this could have caused condensation. MAC therefore proposed the use of mineral wool fibre insulation instead, laid onto the existing 200mm deep top hat spacers.

In addition, because it was a live school environment, the roof could not be completely stripped and MAC therefore came up with an alternative solution whereby the existing metal plastisol sheets could be overlaid.

Health & Safety was critically important at all times, and MAC were highly commended by the school, both for the safe working practices of its Operatives and also for minimising any disruption to classroom activities. In addition, the project was initially planned to be a 15-week programme, but MAC's professionalism and efficiency on site meant that they were able to finish 4 weeks ahead of schedule. Overall, a tired looking, under-performing roof has been dramatically improved and this has helped transform the Academy into a modern, attractive building that everyone can be proud of.



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