



Refurbishment

Case study

Feniscowles School Blackburn

Architect: Capita Property
Consultancy

Cladding contractor:
Watershed Roofing Ltd

System manufacturer: Ash & Lacy

System type: Site-assembled

Profile type: Standing seam

Colorcoat® product:

HPS200® (roof and flashings)



Goosewing Grey



Petra



Lessons in roofing

When the felt roof on Feniscowles School in Blackburn reached the end of its useful working life, overcladding with a curved standing-seam roof in Colorcoat HPS200® provided the solution. The flat roof was in need of refurbishment, but was structurally sound so clients, Blackburn with Darwen Borough Council in conjunction with the Capita Group, decided to over-roof it rather than opt for a full replacement. A lightweight curved rafter conversion system was fixed directly to the roof deck which created a roof with a single curve. Existing

valleys were thus eliminated, allowing drainage to be moved to the outside of the building. The system also allowed the thermal performance of the roof to be upgraded to 0.25 W/m²K in line with current Building Regulations. Finally, the contractors extended the roof space across the quadrant area creating more classrooms for the school. This was an added bonus as this feature used up a large amount of previously wasted space.

Feniscowles School Blackburn

Andrew Davies of Capita comments “the standing seam system was selected following discussions with the profiler, as it achieved the performance standards sought by the client. The project went extremely smoothly and it was beneficial to be able to purchase the roof cladding package, which incorporated *Colorcoat HPS200*, from a single supplier.”

All components were available and ready for installation when required, with no waiting on secondary trades or delayed deliveries. This also included the flashings which were selected in Petra *Colorcoat HPS200* to provide a visual contrast. The project was timed to eliminate any disruption to the day to day running of the school and was completed in the six week period over the summer school holiday.

The completed project demonstrates how a straightforward refurbishment has created the opportunity for an enhanced facility, meeting the highest construction standards and complying with stricter thermal legislation.



Before



During



After