

HIGHDOWN SCHOOL AND SIXTH FORM CENTRE



BAUDER BUILDING BOARD

Project:	Highdown School & Sixth Form Centre
Location:	Reading
Roof Area:	5,200m ²
Specifier:	Willes Simpson Woods
Approved Contractor:	M&J Group

APPLIED PRODUCTS

- Bauder Total Roof System is the most technologically advanced bituminous system available, with a life expectancy in excess of 40 years.
- Bauder rooflights are fully compatible with our waterproofing systems and hold BBA certification.



Highdown School and Sixth Form Centre is an academy located on the outskirts of Reading that had been experiencing early signs of water ingress. The school building consists of eight roof areas on a variety of different pitches equating to over 5,200m² in total.

Prior to any remedial work commencing on site, Bauder performed a comprehensive roof survey to determine what course of action needed to be taken to ensure the building was once again watertight. As a result of the assessment, it was clear that the optimal solution was to strip up the existing roof covering and replace it with Bauder's top quality bituminous system, BTRS, which included highly efficient 120mm PIR insulation for superior thermal performance, ensuring the roof achieved the required 0.16 U-value. The increased levels of insulation have also helped the academy save over 89% of its heat loss, resulting in significant cost savings.

Bauder supplied all the necessary waterproofing products, as well as 40 of its state-of-the-art dome rooflights, giving essential daylight and ventilation to the building's interior. One of the major challenges for this project was coordinating delivery and installation times so as not to disrupt the ongoing school term. Bauder successfully overcame these logistical issues completing the project on time and to budget in December 2013, providing the school with a high quality roof that met its exact specifications.

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