

# BISHOP JUSTUS SCHOOL



## BAUDER BUILDING BOARD

Project:	Bishop Justus School
Location:	Bromley
Roof Area:	6,000m <sup>2</sup>
Specifier:	Barron and Smith Architects
Approved Contractor:	EJ Roberts Roofing Ltd

## APPLIED PRODUCTS

- Bauder green roof systems provide various environmental benefits including rainwater retention, noise absorption and the creation of new wildlife habitats.



Bishop Justus Church of England School is a three storey secondary school with academy status located in Bromley that provides education to over 1000 students aged between 11 and 18.

With the school being built on the greenbelt area of Bromley Common, the client wanted to install a high quality, low maintenance green roof that would replace the green space lost to the footprint of the building. The building consists of 43 connecting roof areas on a variety of different pitches that are highly visible even at ground level and total over 6,000m<sup>2</sup> in all.

One of the major challenges for this new-build project was adhering to the tight time schedule put in place to ensure that there was no delay to the start of the inaugural school term. With such a demanding programme of works required it was apparent that only a green roof market leader would be able to satisfy this challenging brief. Bauder was the first company to introduce lightweight extensive green roof technology into the UK and its proven track record of success made it an obvious choice to the client for the supply and install of the green roof.

The roof areas were waterproofed with Bauder's root resistant bitumen membrane before having the lightweight sedum blanket fitted. The system build-up also included tapered insulation to effectively provide drainage falls without having to incorporate them into the structure. Bauder approved contractor EJ Roberts Roofing Ltd installed 600m<sup>2</sup> of pre-cultivated sedum blanket each day, providing instant coverage and greening of the building. This striking green roof acts as a visual reminder of the importance of sustainability and provides pupils, staff and visitors alike with an inspirational atmosphere in which to teach, relax and learn.

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