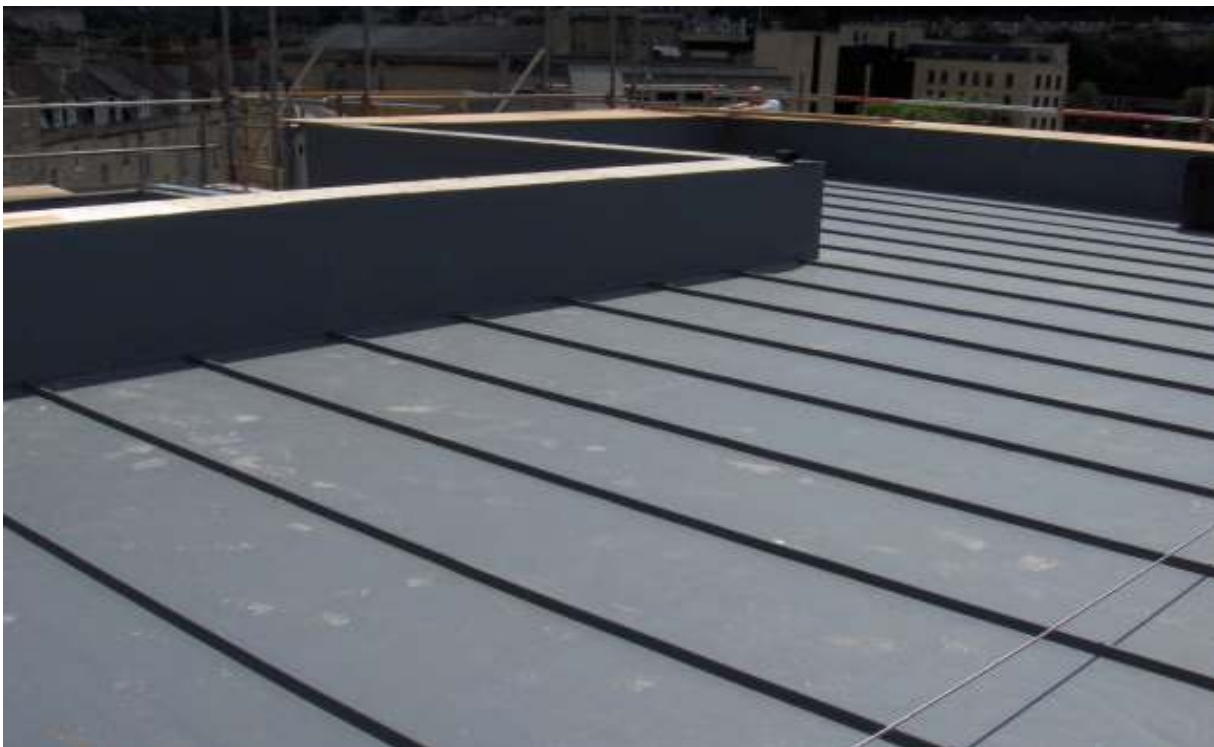


CASE STUDY

CITY OF BATH COLLEGE, BATH

New Education development



The new Education development at City of Bath College required a roof with quite specific performance criteria. First and foremost it had to blend in with the surrounding traditional style of architecture – the City of Bath being well respected for its wonderful old buildings and strong character.

Secondly, being over a 'quiet' art space, the roof required the system build-up to include high performance sound proofing which in turn called for a membrane which was compatible with the system design. SpectraROOF's SpectraPlan single ply membrane provided the answer to both requirements.

A traditional lead grey standing seam provided the aesthetics. This is a SpectraPlan SG120 lead grey membrane onto which is welded SpectraPlan's profile detail to provide the 'standing seam'. The result is a reproduction of the traditional metal system which is almost indistinguishable from the genuine article, but can be installed at a fraction of the cost – and which meets all the modern roofing performance criteria, including environmental responsibility in both its manufacture and its recyclability. But most of all, it blends in with its surrounding buildings.

The system, which was installed by Hodge Single Ply, called for two layers of cementitious soundproofing board separated from the concrete and metal deck by a 1000g PU vapour control layer. On to this was installed a tapered insulation layer which was cut-to-falls on site by the contractor and which provided the drainage angle which was required in the build up. The SpectraPlan SG120 membrane was fully adhered to the insulation using Spectrabond low foaming PU adhesive.

The whole project was QA inspected throughout by SpectraROOF's field technical advisors and came with SpectraROOF's 10 year product and workmanship guarantee.

Project Sector: Local Authority
System: SpectraPlan Adhered
Products Used: SG120
Contractor: Standing Seam Profile
Started: May 2006
Completed: July 2006
Size: 360m

