

PROJECT STUDY



George Abbot School

Bauder
Thermofol



Located in Guildford, George Abbot School is a secondary education school which provides education for 2000 people aged 11 to 18. The school had a history of leaks in the DT rooms above which a profiled sheet metal roof was installed.

Following many attempted repairs, Bauder was commissioned to carry out a roof survey on the 228m² profiled sheet metal roof. The report identified issues with not only the gutter area, which was originally believed to be the problematic area, but also with the adjoining profiled roof and also with the large rooflight unit.

Bauder then submitted a proposal to refurbish all areas of the failing roof.

- The gutter area needing standing water to be removed for which Bauder tapered insulation was proposed to create effective drainage falls.
- The adjoining profiled sheet metal roof requiring a new waterproofing system. The Bauder Profiled Roof Overlay system was determined to be the best solution, using bespoke profiled EPS insulation boards specifically designed to fit the shape of the roof. The Thermofol U15 Fleece Back membrane was then specified as the waterproofing layer providing a robust yet lightweight waterproofing system to the roof.
- The existing rooflight unit, being one of the problematic areas of the rooftop, was also replaced with Bauder Euroglaze rooflights.

Bauder approved contractor, Inspire Contracts, installed the roof system and rooflights. Bauder's expert site technicians carried out over 10 site visits during the 4 months of works on the site. Following a final site visit and a leak test Bauder was able to issue a 20 year product and workmanship guarantee to the client.

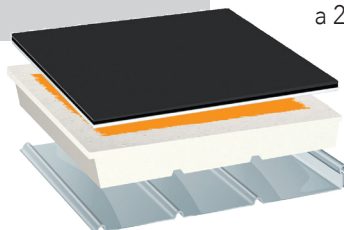
The choice to use Bauder, a single source of manufacturing for the roof systems and the rooflight, proved beneficial as it enabled Bauder's flat roof technician team to design out a number of the detailing issues responsible for the historic leak problems and it also eased the installation process for the client and the approved contractor, as Bauder provided its integral service from the roof survey to the final site visit and the issue of the guarantee.

BUILDING BOARD

Project:	George Abbott School
Location:	Guildford, Surrey
Roof Area:	288m ²
Specifier:	Baily Garner
Approved Contractor:	Inspire Contract Services

APPLIED PRODUCTS

- Bauder Thermofol is a top quality single ply PVC system with a life expectancy in excess of 30 years. Profiled EPS Insulation is a rigid expanded polystyrene insulation for use as a refurbishment board directly over existing profiled metal roof systems.
- Bauder Euroglaze rooflights are made to order and the size can therefore be tailor made to fit any roof aperture.



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