

ROBERT BLOOMFIELD ACADEMY



BAUDER BUILDING BOARD

Project	Robert Bloomfield Academy
Location	Bedfordshire
Roof Area	2,800m ²
Roofing & PV Installer	Acclaim Contracts Ltd
PV Funding Facilitator	Evogreen Plc

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Robert Bloomfield Academy is a middle school situated in Shefford, Bedfordshire that has approximately 800 pupils aged from 9 to 13 years old.

APPLIED PRODUCTS

- Bauder Total Roof System has a life expectancy in excess of 40 years.
- BauderSOLAR SOLfixx system was installed with 78 PV modules fitted.

Having recently had a Bauder roof installed, the school was keen to add a photovoltaic (PV) system to the building to meet their high sustainability aspirations. As a result of discussions with Bauder and funding specialist Evogreen, the school identified this as a perfect opportunity to have a no capital outlay PV solution fitted that would not compromise the existing 20 year roof guarantee.

78 photovoltaic modules were secured to the waterproofing, enabling the academy to generate at least 20.08 Megawatt Hours of solar power each year, equating to energy savings in excess of £200,000 over 20 years. This PV system was installed without any penetration of the waterproofing or roof deck, ensuring the roof integrity is completely upheld.

All works had to be carried out to strict timescales and stringent performance and design requirements needed to be met. Bauder fulfilled these objectives and delivered to the school a high quality, innovative roof with extraordinary renewable energy credentials.

BAUDER

UNITED KINGDOM

Bauder Limited
70 Landseer Road, Ipswich, Suffolk IP3 0DH, England
T: +44 (0)1473 257671 E: info@bauder.co.uk
bauder.co.uk

IRELAND

Bauder Limited
O'Duffy Centre, Carrickmacross, Co. Monaghan, Ireland
T: +353 (0)42 9692 333 E: info@bauder.ie
bauder.ie