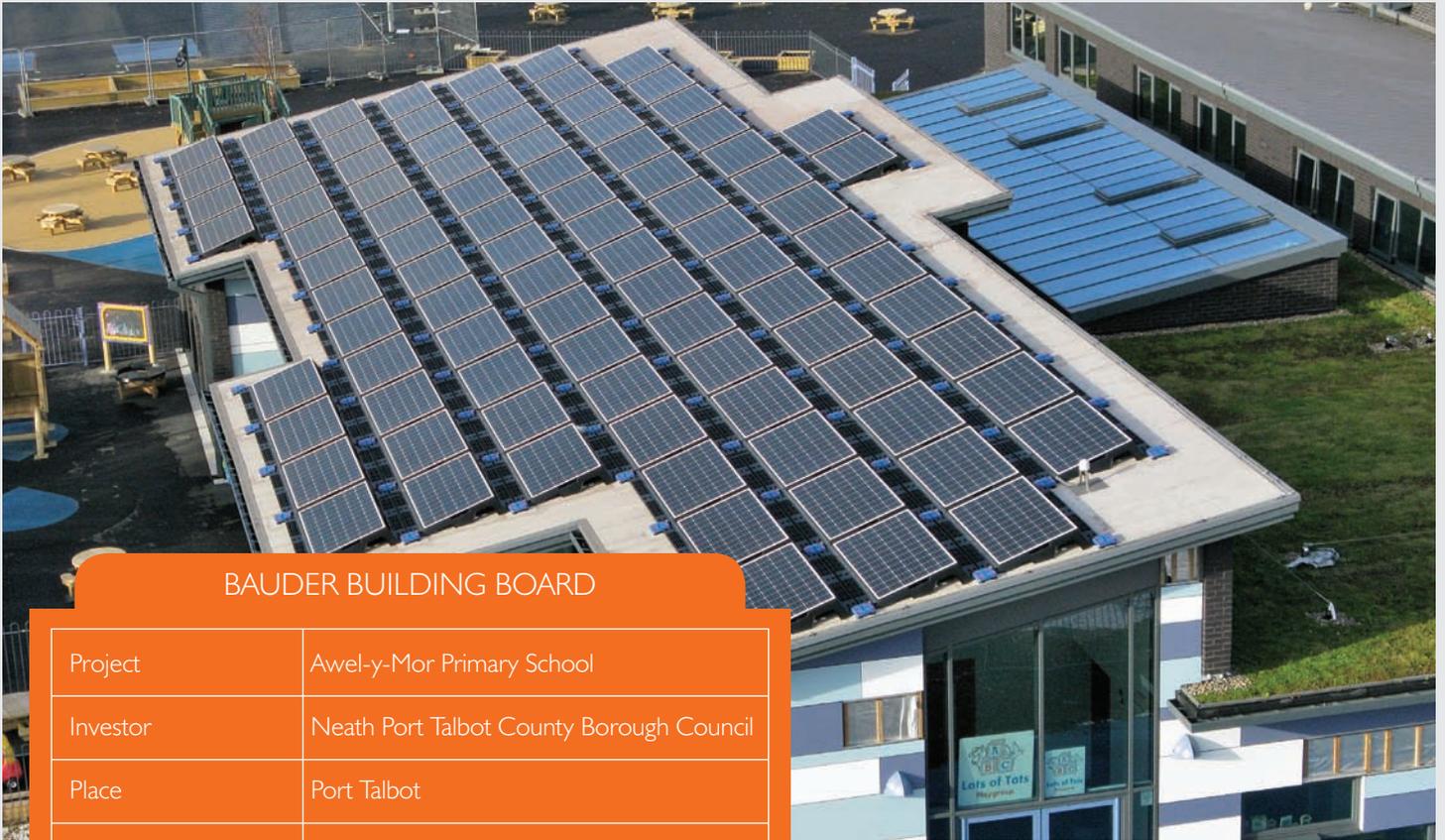


AWEL-Y-MOR PRIMARY SCHOOL



BAUDER BUILDING BOARD

Project	Awel-y-Mor Primary School
Investor	Neath Port Talbot County Borough Council
Place	Port Talbot
PV Roof Area	300m ²
Main Contractor	Dawnus Construction Ltd
Roofing Contractor	Span Roofing Contractors Ltd
PV & Electrical Installer	Span Roofing Contractors Ltd

AWEL-Y-MOR PRIMARY SCHOOL

The Awel-y-Mor Primary School site, situated at the heart of the town of Port Talbot in Wales, needed to undergo major redevelopment in preparation for its brand new fit for purpose school to replace the two pre-existing primary schools, which had experienced serious build repair and surplus capacity issues.

The Neath Port Talbot County Borough Council wanted the new school to be fitting for the 21st century and bring them to the forefront of modern-day roofing technology. These requirements were met by BauderSOLAR's innovative photovoltaic system, SOLfixx, which delivers significant cost and environmental benefits, as well as providing an eye-catching visual reminder of the importance of sustainability.

Roof areas totalling 300m² were fitted with 92 PV modules, which were secured to Bauder's Thermofol Single Ply waterproofing, enabling the new Awel-y-Mor school to generate at least 25.9 Megawatt Hours of solar power each year. The incredible simplicity of the installation also meant that the entire PV array could be installed in just three days ensuring that there was no disruption to the commencing school term.

Jonathan Morris, lead architect for the project, stated, "Our local Bauder representative offered the highest degree of service throughout the project, ensuring our site operation ran smoothly. With the complete roof finish covered by the all-encompassing Bauder guarantee we have peace of mind moving forward with regards to potential future defects."

APPLIED PRODUCTS

- Bauder Thermofol PVC Single Ply System offers a lightweight and cost effective waterproofing solution that is resilient to the natural elements.
- BauderSOLAR SOLfixx photovoltaic system is an innovative renewable energy source that is secured to the roof without any penetration of the waterproofing or roof deck.
- 92 PV modules were installed with an expected energy generation of 25.9 MWh and with a kWp of 27.14.

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