

Protechnic

Nailsea

Technology: Solar PV

System size: 195kWp

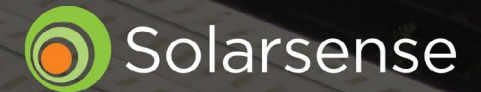
Annual Output: 186,095kWh

Annual CO2 savings: 111,657kg

Protechnic Limited are a UK based manufacturing company. They have been designing and manufacturing cases and protective foam inserts to supply to British industry for over 25 years.

As part of phase one, Solarsense installed a 49.4kWp flat roof solar PV system on the Protechnic factory roof in Nailsea. The grid-connected PV array was mounted to the roof using a ballasted base frame, containing 152 x 325W solar panels. The system generates in excess of 45,809kWh of clean electricity per year, whilst mitigating 17.5 tonnes of carbon emissions per annum. This initial system will payback all installation costs in approximately 4 years and continue to generate a profit for the business for more than two decades.

Following the success of their first installation, Protechnic then returned to install a further 449 solar panels as part of phase two. This additional PV system will generate more than 135,444kWh of clean energy per year, reducing the company's carbon emissions by a further 81,266kg per annum.



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