



# Solar Windows Limited

## Case Study Working with the MOD



As an SME the contracts we have with the **Ministry of Defence** are a significant and valuable part of our business and we take great pride in providing a service for our Armed Forces and their Families.



Commitment to Quality and the Environment



# Solar Windows Limited

Solar Windows Ltd provides a manufacture, supply and installation service for PVC-U windows and doors to the military and commercial housing market sectors.

Established in 1988, our manufacturing base is firmly established at Bedwas, near Caerphilly, South Wales and we are currently operating throughout Wales, the Midlands and South of England.



## *Sustainable Development*

Solar Windows Ltd works closely with its clients and constructor partners to ensure that its PVC-U windows and doors:-

- Contribute to Sustainable Development objectives in relation to energy and waste.
- Are user friendly with consideration to adaptability.
- Feature “whole life costing” techniques delivering value for money.
- Use the most advanced PVC-U systems available including the new super energy-efficient GENE0® system.

## CASE STUDY

- **Aldershot Barracks** – the home of the British Army since 1854, last major refurbishment was in the 1960s.
- **Army Air Corps Middle Wallop** – established in 1940 and is the base where most Army Air Corps Pilots begin their careers.
- Both contracts required the removal of existing single glazed steel Crittall windows and replacement with white PVC-U S706 Rehau 70mm casement windows.
- Insulation complies with the requirements of the Building Regulations covering conservation of fuel & power Part L.
- Reinforcement – totally separate reinforcement chamber in profiles enables galvanised steel to be inserted for additional strength when required.

# Commitment to Quality and the Environment

## *Respect for Tenants Environment*

Throughout the installation process Solar Windows Ltd ensures that work is carried out without undue inconvenience, nuisance and without danger to occupants or users.

### **Benefits**

- Maintenance Free
- Reducing energy consumption and ultimately greenhouse gas emissions
- Manufactured to BS7412 & BS7950
- Fire Escape Facility
- Commitment to Quality
- Customer Care



## *Total Quality Management*

Solar Windows Ltd operates a fully inclusive monitoring system within the scope of its BSI ISO 9001 : 2000 quality Management System. Continuous Improvement is the responsibility of all employees and is driven forward by our Managing Director, Mr Carl Lewis. All of our Supply Chain Partners are reviewed as part of the quality process thereby reducing potential impacts on service delivery. Site management and supervision is critical for the cost effective, quality end product and service we provide.

This procedure ensures the workmanship is monitored throughout the course of the project ensuring that all dwellings are handed back with **zero defects**. Each client has different monitoring and quality expectations. We always suggest that we will undertake a pilot dwelling to ascertain Client quality standard and use this property as the benchmark for all further dwellings. This allows all parties to set an acceptable standard for the works.



# Solar Windows Limited

## Works Programme Planning

Our window processing application "Window Designer" by First Degree Systems, working in conjunction with our Customer Administration and Production Scheduling Software (CAPSS), delivers a bespoke window and door processing application and underpins the scheduling process allowing for Work Zoning and interactions with other contractors.

*"maintaining the installation programme and paying particular attention to the high security working environment were just two of the issues that confronted Solar Windows Ltd"*

**Carl Lewis**  
Managing Director



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