

BATTLE OF BRITAIN MEMORIAL - THE WING



BAUDER BUILDING BOARD

Project:	Battle of Britain Memorial
Location:	Capel-le-Ferne
Roof Area:	700m ²
Specifier:	Godden Allen Lawn
Approved Contractor:	Byford Roofing Services

APPLIED PRODUCTS

- Bauder Thermofol is a top quality single ply PVC system with a life expectancy in excess of 30 years.
- Bauder PIR insulation is highly effective, lightweight and dimensionally stable.

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Challenges

The client wanted the new visitor centre building to replicate the shape of the iconic spitfire wing and to be waterproofed with a roofing system that would be aesthetically pleasing due to its high visibility. A particularly challenging element of the installation was the amount of intricate detailing requirements due to the elliptical shape and 5° pitch of the wing areas. The waterproofing system needed to incorporate insulation that would achieve a 0.16 U-value and the memorial site had to remain open throughout the works causing logistical challenges.

Solutions

Bauder's anthracite coloured Thermofol single ply system was specified because it is high-quality, long lasting and with the addition of welded roof profiles gives the appearance of a standing seam metal roof. The system build-up included Bauder's 160mm PIR Insulation for superior thermal performance and all deliveries were timed as not to conflict with vehicles moving in and out of the facility. Despite the challenges encountered the project was completed in time for its official opening by the Queen in March 2015.

"The roof is one of the main features of 'The Wing' and is highly visible. Its construction presented numerous challenges as complex detailing was required. The Bauder single ply system has proved to be a very attractive, practical and cost effective solution and the technical support has been excellent."

Project specifier, Nick Lawn from Godden Allen Lawn