

INDUSTRIAL ROOF REPLACEMENT

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“Following the completion of the scaffold, I’d like to thank Central and Erect A for safely completing the works without accident or incident. Key to this achievement has been continually communicating for production pauses while maintaining the highest safety standards” – Project Department, Special Metals Wiggin.

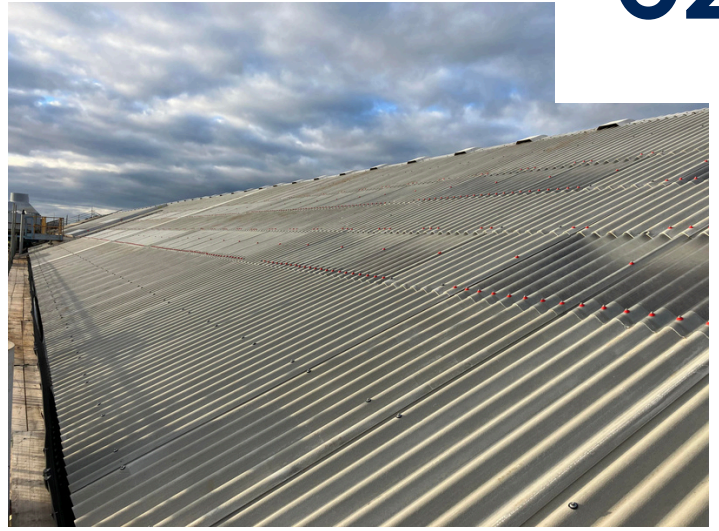
LOCATION
HEREFORD

CLIENT
SPECIAL METALS WIGGIN LTD

TIMESCALE
8 MONTHS

BUDGET
£1M

SIZE
2,140m²



Approach

The roof and substructure were damaged, requiring all purlins to be replaced due to corrosion. Additional testing by engineers and asbestos surveyors was essential due to the building's age and environment. As the work was within a controlled area of hazardous chemicals, air testing was undertaken, ensuring the area was safe for our workforce.

External scaffolding was designed by an engineer as it was not possible to fix onto the building. Extreme care was taken whilst constructing the internal crash deck; it was erected above the internal cranes and machinery. The internal scaffold included a boarded and polythene cover laid across to add extra protection. The site remained fully operational throughout the project, with the on-site team focusing on shutdown periods.

Solution

Before beginning work, we installed a safe system of access to the roof, both internal and external which included safety netting and safety airbags. Then we removed the existing single-skin roof sheets and replaced corroded purlins and guttering. Cement sheets were installed to the existing roof profile with single-skin profiled roof lights to match. Central will prevent future corrosion by cleaning, priming and painting the existing high-level steelwork.

Work completed in a single phase over a live environment. The use of this older building has now been prolonged for many years to come. The client was highly impressed with the safe working manner conducted.

