

Wiggins Metal, Hereford

27,000m² IKO Polimar Liquid/IKO Mach One Deliver on Huge Roofing Project

Project Description

Special Metals Wiggins Limited of Hereford deals in specialist metals and produces nickel alloy components for Rolls Royce turbo engines and the Ministry of Defence, amongst others.

The Wiggins building is half a century old and has suffered due to the hostile manufacturing environment within.

The production of special metal components involves the use of harsh chemical processes which have conspired to erode the original profiled metal roof system.

IKO Polimar Liquid Applied Roofing System was chosen for its long lasting seamless barrier to water penetration, and high resistance to sunlight.



After



Before

Solution and Installation

The original profiled metal decking was covered with a layer of fibreboard and a layer of felt. Deterioration was so bad in places that entire areas of the roof needed replacing.

The expansive roof area consists of 13 bays in between a series of northlights. Four of these bays were so fragile that it was dangerous for contractors to walk on them.

Starting from the less damaged areas of the roof, the company removed the original roofing and replaced the profile metal deck with a spacer support system onto which was laid fibreboard and then the IKO Mach One System.

Due to the complex detail of the upstands around the northlights, the remaining areas of mineral felt have been w using IKO Polimar.

Contractor: Central Roofing & Building Services Ltd

Client: Special Metals Wiggins Limited

Systems

- IKO Protectorboard
- IKOpro Systems Bonding Agent
- IKO Systems Self-Adhesive Vapour Control Layer
- IKOpro Sprayfast PU Adhesive

- IKO enertherm Insulation
- IKO Systems Self-Adhesive Underlay
- IKO Mach One Membrane
- IKO Polimar EC/UV System

IKO Guarantee

20-Year Linked Guarantee

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