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PROJECT PROFILE

PROJECT: Bayer Plc – Warehouse Roof Refurbishment
LOCATION: United Kingdom

THE PROBLEM

Bayer Plc is a subsidiary of Bayer AG, one of the largest and most diversified chemical and pharmaceutical companies in the world. Bayer is one of the main suppliers of raw materials to E Wood Ltd.

The asbestos cement sheet roof of Warehouse 1 at its Stoke Works in Bromsgrove, Worcestershire, was showing the signs of ageing, bolt holes were beginning to elongate and sheet laps were moving. Water ingress through continued deterioration could have caused problems, as water-sensitive chemicals were stored beneath.

Bayer approached Thortex for a high performance refurbishment solution, but stipulated that the liquid applied roofing membrane must contain a resin, which it supplies to E Wood Ltd.



THE SOLUTION



The roof was power washed using a 2000 psi lance, treated with Thortex Fungicidal Wash and then primed with Poly-Tech FB Primer. The laps as well as the bolt heads were reinforced using Poly-Tech PU incorporating Thortex CSM. Two coats of Poly-Tech PU were then spray-applied to the entire substrate by one of our Authorised Applicators, Central Roofing & Building Services Ltd.

Poly-Tech PU is a single component, solvent-based, moisture-cured, flexible coating which offers a durable, seamless finish with superior impact, abrasion and UV resistance.

Refurbishment work to Warehouse 2 at the same site has now also been completed. The total surface area of the two roofs will amount to over 19,000m².