



Case Study

Roof Lining

Data Centre, London



The Project

During the phased refurbishment of a major London data centre a number of leaks had been identified on a link bridge used as a walkway between two buildings. Previously, two separate contractors had attempted to repair the leaks but on both occasions had been unsuccessful. To find a permanent solution, Adler & Allan were called to site.

Following an initial survey, Adler & Allan recommended lining the roof with Adalline® 400. This innovative protective lining gives structural integrity to any surface, is quick drying and renders surfaces waterproof and chemical resistant.

The survey also flagged up another issue: the maintenance access for the drainage catchment baskets was inadequate so the application of an anti-slip walkway either side of the man rider was also recommended.

The Solution

The Adler & Allan team gained access to the roof and after removing the drain covers the roof area was jet washed and bleached, followed with hand tools and a wet vacuum to remove standing water from the roof.

Some small holes were identified on the drainage downpipes that run internally within the link bridge, which needed to be sealed to prevent water ingress. In other areas, the roof surface had started to peel away and along the whole length of the bridge there was some capping over the edges. These areas were sealed in and all edges were covered with Rallithane 810, providing a protective base for the lining.

The roof area was then mopped using solvent and after 20 minutes Adler & Allan teams applied the Adalline® 400 spray lining, which contains an adhesion enhancing additive. Finally, all edges were beaded with Rallithane and a self-adhesive anti-slip matting was applied allowing safe maintenance of the roof in the future.

The Outcome

All works were completed in just one day. The link bridge is now fully lined, secured and watertight with a 10 year warranty providing the customer with full peace of mind that their assets are protected for years to come.

