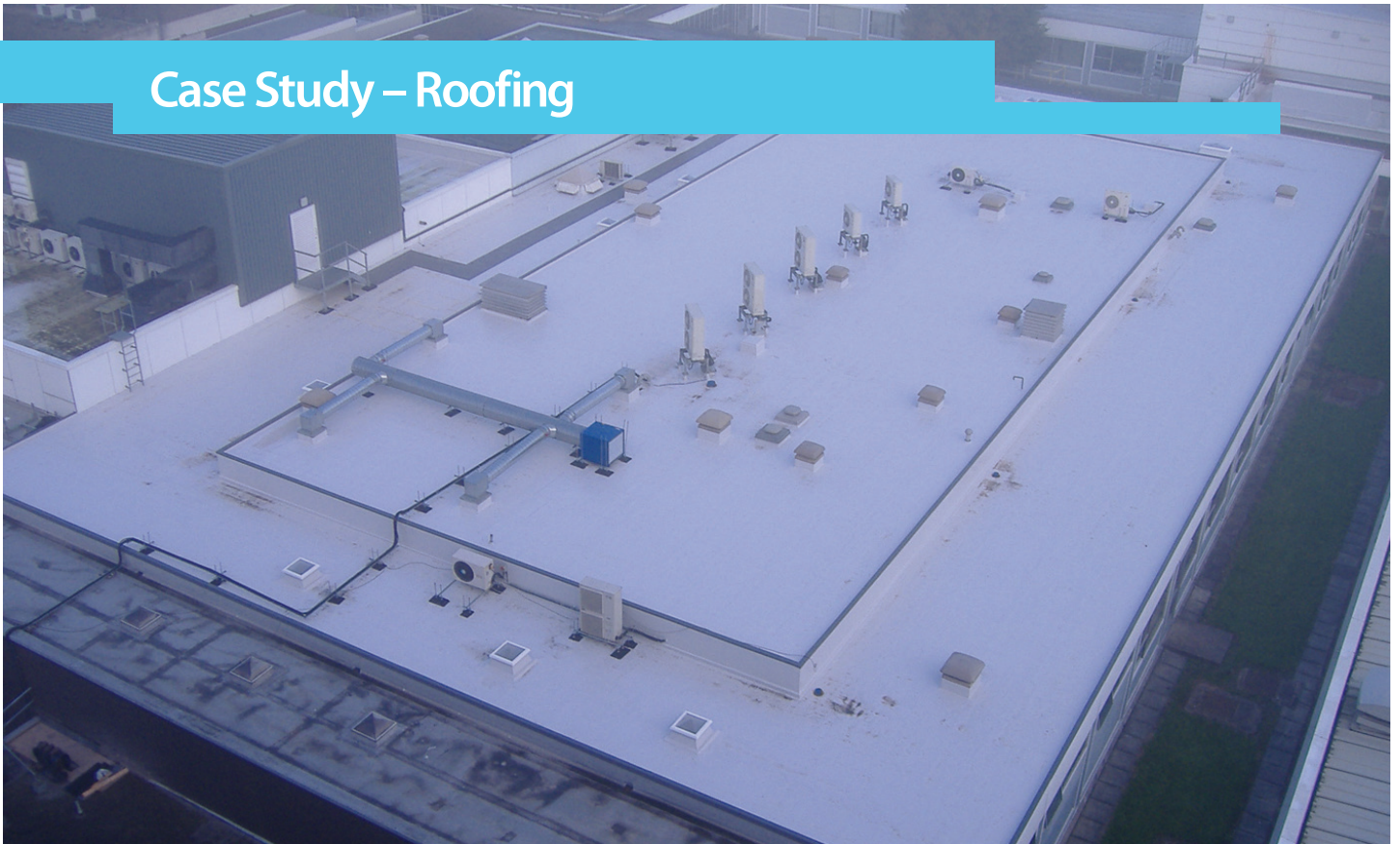


Case Study – Roofing



Royal Preston Hospital, X-ray Department



Project:
Royal Preston Hospital, X-ray Department

Size:
1500m²

Product:
Decothane Omega 15, Decolights

Client:
Lancashire Teaching Hospitals NHS Trust

Contractor:
W Hughes and Son

Background

Chorley & South Ribble NHS Trust and Preston Acute NHS Trust merged in August 2002 to become Lancashire's only Teaching Hospital NHS Trust. The trust runs Chorley and Royal Preston Hospitals. It offers a range of acute services to local residents, serving an area of around 390,000. It also provides specialist services, such as plastic surgery, renal, cancer and brain surgery to 1.5 million people in Lancashire and Cumbria.

The Problem

Joints on the split level felt roof and around the rooflights were allowing water to penetrate, placing the expensive and sensitive X-ray equipment in the building below at risk. The rooflights were discoloured which prevented natural daylight from penetrating into the building.

The Solution

Decothane Omega 15, a polyurethane coating, was chosen because it provides a completely seamless waterproof barrier over the entire roof area, whilst minimising disruption to the busy department below. The cold-applied system does not require complex joints, sealants or fixings and cures rapidly, even at low temperatures. Liquid Plastics' Decolights replaced the original rooflights, allowing light to flood into the building.

The Benefits

Guaranteed to perform for at least 15 years before requiring maintenance, Decothane is completely cold applied, highly elastomeric, resistant to ultra-violet attack and certified by the BBA. Once it reaches the end of its life, it can be simply overcoated to restore its performance.