



SIKA AT WORK

LANCASTER UNIVERSITY CHAPLAINCY CENTRE

ROOFING: Decothane Ultra (White, Steel Grey and special RAL mix),
Primer 600, S-VAP 5000



SIKA PROVIDES IDEAL SERVICE FOR UNIVERSITY CHAPLAINCY

BACKGROUND

Constructed in 1969, Lancaster University's iconic chaplaincy centre is one of the first buildings that come into view when arriving on campus and amongst the university's most architecturally distinctive. It features three circular roofs which rise in the centre of the building to create a three-pronged spire.

The building has become an instantly recognisable visual symbol since being used as the basis for the university's logo in 1989. The recent roof refurbishment project, delivered using Sika Liquid Plastics' Decothane Ultra system, received the Liquid Roofing Project of the Year under 1000m² at the LRWA Awards 2017.

REQUIREMENT

Religious student societies including the Catholic society, the Jewish Society, the Bahá'í Society, the Christian Fellowship and the Chinese Christian Fellowship meet in the centre and a roof refurbishment was required that would protect occupants and the building from water ingress while enabling the facility to remain operational throughout the programme.

In addition to providing a robust and long-lasting waterproofing solution the roof refurbishment also had to work with the building to preserve the distinctive aesthetic of circular roofs and curved, vertical spire elevations.

The project also required replacement of degraded insulation for areas of the roof worst affected by water ingress.

SIKA LIQUID PLASTICS SOLUTION

Installed by Quality Assured (QA) Contractors' Permicoat and Vertical Access Ltd", Sika Liquid Plastics' Decothane Ultra provided the ideal solution for the project. As a cold-applied liquid system it could be applied to the contours of the circular roofs, the fascias on the building's elevations and the three-pronged spire.

The system's virtually odourless formulation also responded to the need for the building to remain operational throughout the project, preventing any nuisance odours.

Following a complete site survey carried out by Sika Liquid Plastics' application's team, the perished areas of legacy insulation on the roof were removed and replaced using Decotherm insulation board. Sika Liquid Plastics' S-VAP 5000 self-adhesive vapour control barrier was then laid onto the existing roof surface prior to application of the two-coat Decothane Ultra system.

The existing fascia details were replaced with a ply system and the spires were over-boarded with 6mm exterior ply to provide a smooth, even finish for the Decothane Ultra system.

The liquid roofing membrane was specified in white, steel grey and special RAL mix to address the requirements of matching the appearance of the original building and the demands of the vertical surfaces.

Vikki Mathews, Development Manager at Lancaster University: "We needed a system that would be installed without requiring us to limit access to the building during the works. It was also essential that the project would offer a robust, hard wearing system that will offer a low maintenance result with an extended service life. It was clear that the Decothane Ultra system would tick all of those boxes, while maintaining the colour palette of the original building design."

Our most current General Sales Conditions shall apply.
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PROJECT PARTICIPANTS

Contractor: Permicoat/Vertical Access

Roofing Client: Lancaster University

Size: 950m²

Products: Decothane Ultra (White, Steel Grey and special RAL mix), Primer 600, S-VAP 5000

