



# SIKA AT WORK

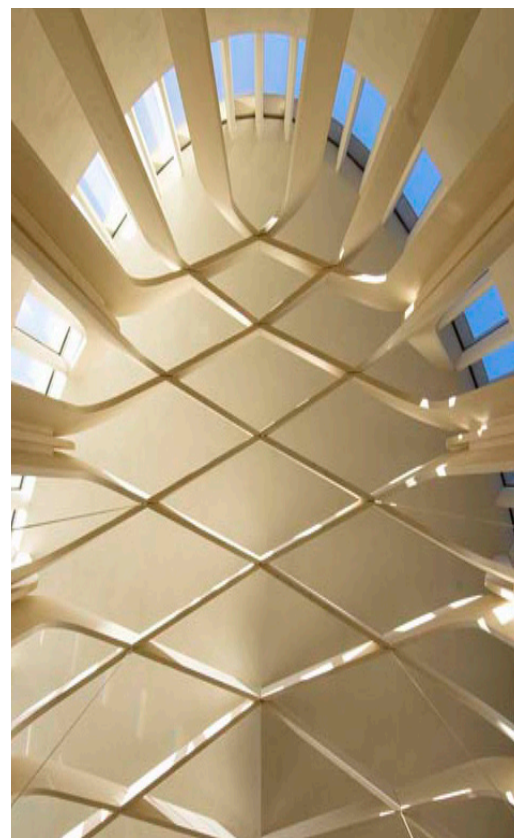
## RIPON CHAPEL, CUDDESDON OXFORD

ROOFING: Type SGK

**Sika-Trocal®**



# RIPON CHAPEL, CUDDESDON OXFORD



## PROJECT REQUIREMENT

The Bishop King Edward Chapel replaces another smaller chapel at the Ripon Technological College campus. The initial design began in August 2010 when the architect's brief was to design a chapel that would create prayer space for students and local nuns whilst also respecting the historic architecture of the campus, which includes a nineteenth century college building and vicarage.

What resulted was a beautiful building, made from curved exterior stonework that was sourced to match the existing surrounding buildings. It not only serves its purpose perfectly, but is also sympathetic to its green belt surroundings and was shortlisted for the RIBA Stirling Prize.

The oval shaped roof of the new building had difficult detailing around the perimeter, in particular incorporating rainwater outlets around the stone cladding. This required a waterproofing system that could effectively accommodate these details.

## SIKA-TROCAL SOLUTION

Areas of concern were thoroughly discussed with the main contractor, roofing contractor and architect to ensure that all issues were resolved and that Sika-Trocal single ply membrane was appropriate for the project. This resulted in the specification of Sika-Trocal SGK membrane in Slate Grey, as recommended by the lead architect.

This is an adhered single ply roofing system and is suitable for use where mechanical fixings need to be avoided. The membrane is bonded to the substrate using a polyurethane based adhesive to secure against wind uplift. Peel stops are also fixed at all changes of plane and around perimeters to ensure full security and complete watertightness.

## PROJECT PARTICIPANTS

**Contractor:** Boothville Roofing

**Client:** Beard Oxford

**Architect:** Ripon College Cuddesdon

**Size:** 350m<sup>2</sup>

Images: Niall McLaughlin Architects.

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