



SIKA AT WORK

AUREUS SCHOOL, DIDCOT, OXFORDSHIRE

ROOFING: Sika-Trocal® Type S Single Ply Membrane

Sika-Trocal®



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SIKA'S FLEXIBLE ROOF SYSTEM SUPPLIES AESTHETIC, WATERTIGHT SOLUTION FOR STATE-OF-THE-ART SCHOOL BUILDING

Sika-Trocal supplied the flexible, high-performance roof system for a spectacular new secondary school building designed to nurture 'hearts and minds' of its student intake.

The £19 million Aureus School is a 1,200-capacity secondary school for students in Didcot, Oxfordshire. The state-of-the-art facility includes a dance studio where yoga and mindfulness classes will be held to improve 'holistic aspects' of children's education.

For the building's main structure, it was crucial the roof system offered the optimum waterproof protection as well as being able to accommodate an array of details and an uneven concrete substrate. Sika-Trocal® Type S system was more than suitable for the task.

A total of 4,000m² of Sika-Trocal® Type S was installed across two roofing areas at Aureus School. The main building's roof contained an uneven concrete substrate, a challenge that was comfortably overcome with the homogenous, synthetic, single-ply Type S membrane. A rapid and economic solution, the system – selected by contractors Kier Construction – was installed during a 10-week programme by FCB Roofing.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



SIKA LIMITED

Sika-Trocal
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1 707 358500
Fax +44 1 707 377300
E-Mail Sika-Trocal@uk.sika.com
www.sikatrocal.co.uk
@SikaTrocal

It was mechanically-fastened to the surface using the unique Sika-Trocal® Laminated Metal Discs, resulting in a watertight, durable solution that looks as good as it performs. Thanks to the membrane's flexibility it easily accommodated the retrofit of a number of complicated details, such as parapets and a perimeter safety rail, whilst maintaining the building's watertightness.

The Type S system was also the waterproof covering of choice for an adjoining building which houses the school's gym and dance studio. It was installed to a metal decking, as a single-ply solution comprising a layer of high-performance insulation.

Tony Comrie, Contracts Director at FCB Roofing, said: "Sika-Trocal® Type S system lends itself to accommodating roof details very easily. Unlike other membranes, it's very forgiving. Kier Construction was so impressed with the look and performance of the system, not to mention its rapid-installation properties; they've asked us to install a system at another school in the area."

Working to an agreed 13-week deadline, FCB Roofing completed the school's roof installation three weeks ahead of schedule – thanks to the easy-fit, flexible properties of Sika-Trocal® Type S system, which also offered a 20-year guarantee. Aureus School, which opened in September 2017, is the recipient of a smart, watertight roof befitting of the progressive establishment it's designed to protect from the long-term rigours of time and the elements.

PROJECT PARTICIPANTS

Size: 4000m²
Contractor: FCB Roofing

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