



SIKA AT WORK

INNOVATIVE ROOFING SOLUTIONS AT CHILTERN ROAD SCHOOL

ROOFING: SIKA® SARNAFIL® AT SYSTEM

BUILDING TRUST



WINDSOR & MAIDENHEAD



A FORMER PRIMARY SCHOOL BUILDING REQUIRED A COMPREHENSIVE REFURBISHMENT TO TRANSFORM IT INTO A MODERN, CONTEMPORARY SPACE. THE RENOVATION PREPARED THE FACILITY FOR FUTURE USE AS A PRIMARY SCHOOL WHEN STUDENT NUMBERS RISE. HOWEVER, IN THE INTERIM, THE UPDATED SPACE WILL SERVE AS A SEND CAREERS HUB, OPERATED BY MANOR GREEN, A SPECIAL SCHOOL IN MAIDENHEAD, IN COLLABORATION WITH THE BERKSHIRE COLLEGE OF AGRICULTURE. THE HUB WILL SUPPORT YOUNG PEOPLE WITH SPECIAL EDUCATIONAL NEEDS AND DISABILITIES IN THEIR TRANSITION TO EMPLOYMENT.

The school building had been unused for a decade and needed a comprehensive overhaul, including a roof refurbishment. Owlsworth Roofing, certified Sika Roofing Contractors, were commissioned to renovate the 1300m² roof. Sustainability and cost-effectiveness were top priorities for the client, The Royal Borough of Windsor and Maidenhead.

The roof on the primary school featured five large pyramids, which required intricate detailing to ensure it was covered correctly. This required skills, detailing and workmanship that went above the norm, and it resulted in the pyramids being covered seamlessly along with the rest of the roof. Additionally, the perimeter guttering was complex, with numerous corners to address. The project faced further challenges due to a very tight deadline, caused by delays in the initial tendering process. Starting in the first week of August and finishing in the second week of September 2023, the team had only six weeks to complete a project that would typically take 12 weeks.

To meet sustainability, budget, and performance requirements, a single-ply roofing system was required to facilitate a timely and easy installation, reduce labour costs and ensure the project stayed on schedule. As a result, Sika's® Sarnafil® Advanced Technology was specified.

Sika® Sarnafil® AT membrane is a hybrid technology that combines the flexibility and weldable properties of Sika® Sarnafil® single ply membranes whilst providing a sustainable waterproofing solution. Sika® Sarnafil® AT is mechanically fixed, meaning it can be installed quickly with ease. Finished in an attractive grey, the system also exceeds sustainability targets by being the UK's only single-ply roofing membrane that is Cradle to Cradle® Certified.



Having collaborated on previous projects, Owlsworth Roofing had confidence in Sika's products and services. The clients were also drawn to Sika's 20-year product guarantee. Owlsworth Roofing delivered exceptional workmanship, seamlessly completing the intricate guttering and pyramid detailing on the roof.

PROJECT PARTICIPANTS

Size: 1300m²

Client: Royal Borough of Windsor and Maidenhead

Contractor: Owlsworth Roofing

The transformation on Chiltern Road highlights the importance of selecting the right partners and products, and stands as testament to meticulous planning, exceptional craftsmanship, and robust collaboration between all parties involved. With sustainability, safety, and quality at the forefront, the Royal Borough of Windsor and Maidenhead can now look forward to a versatile space that will serve the community for years to come.



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SIKA LIMITED

Head Office
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1 707 394444
Fax +44 1 707 329129
E-Mail enquiries@uk.sika.com
www.sika.co.uk

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