



# SIKA AT WORK

## NEW EXTENSION AT HALLFIELD SCHOOL BENEFITS FROM A SINGLE PLY ROOFING SYSTEM

ROOFING: Sikaplan® SGK-18 and G-18 Lead Grey, Sikatherm® insulation  
and Décor Profiles

BUILDING TRUST



# HALLFIELD SCHOOL, EDGBASTON

**THIS PROJECT CONSISTED OF A 260M<sup>2</sup> EXTENSION TO A PRESTIGIOUS PRIVATE SCHOOL IN BIRMINGHAM, DESIGNED TO ENHANCE ITS ALREADY OUTSTANDING EDUCATIONAL FACILITIES. THE NEW EXTENSION, FEATURING VAULTED CEILINGS AND DECORATED PITCH ROOFS WAS DEVELOPED TO SUPPORT THE SCHOOL'S ONGOING INVESTMENT IN PROVIDING A WORLD-CLASS CURRICULUM.**

The single ply roofing system was selected for its high-performance characteristics, cost-effectiveness, and installation efficiency. The project utilised Sikaplan® SGK-18 and G-18 Lead Grey, in conjunction with Sikatherm® MW DD Tapered and Flat insulation, and Décor Profiles to enhance the aesthetic appeal of the pitched roofs.

Sikaplan® G-18 is a polyester-reinforced, multi-layer PVC waterproofing sheet with UV stabilisers and flame retardancy, making it highly durable and suitable for varied climatic conditions. Sikaplan® SGK-18 is a fully bonded PVC membrane, reinforced with glass non-woven and polyester fleece backing, ensuring strong adhesion and waterproofing reliability.



The project's success was driven by a skilled and experienced installation team. The team included a seasoned expert in single ply roofing, a former apprentice who had completed full training, and a current apprentice gaining hands-on experience - ensuring a balance of expertise, mentorship and continuity within the trade.

The detailing of the pitched roofs, enhanced by Décor Profiles, also demonstrates a meticulous approach to both function and design. The installation team's expertise ensured seamless application, with rigorous quality control throughout the project. The choice of materials not only met but exceeded performance expectations, delivering a waterproofing solution designed to last.

Furthermore, the project was executed with a strong focus on health and safety, minimising risk by scheduling construction during school holidays and maintaining strict adherence to safety protocols. The commitment to training and mentorship within the installation team highlights a dedication to skill development in the industry, ensuring high standards of workmanship both now and in the future.

Size: 260m<sup>2</sup>  
Client: Hallfield School  
Architect: Weedon Architects  
Contractor: Stoneleigh Single Ply Services

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



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