



## Case study

### Edinburgh Academy

**Project:** Edinburgh Academy Science Block

**Client:** Edinburgh Academy

**Sika-Trocal Contractor:** Grainger Building Services Ltd

**Product Specified:** Sika-Trocal Type S membrane

“Given the credentials of the Sika-Trocal product in the education sector we were able to install a long lasting and proven roofing solution for the school.”

**Alex Owens, regional director,  
Grainger Building Services Ltd.**



When it came to building an educational facility that could proudly bear the name of James Clerk Maxwell, the famous Scottish theoretical physicist and mathematician responsible for the "second great unification in physics", The Edinburgh Academy independent coeducational school knew they needed a modern building that would fit within the classical surrounding of a school established in 1824. The resulting James Clerk Maxwell Science Centre, completed at a cost of over £4 million, contains a state of the art facility for teaching all three sciences, all housed under a scientifically formulated Sika-Trocal roof.

Sika-Trocal Licensed Contractor, Grainger Building Services Ltd, completed the impressive 850m<sup>2</sup> roof installation of Sika-Trocal Type S Slate Grey membrane mechanically fastened over thermal insulation and vapour control layer to metal decking, a system chosen for its proven performance, low project life cycle cost and speed of installation.



For contractors such as Grainger Building Services, the Sika-Trocal concept is one of the easiest and quickest single ply roofing solutions available on the market, thanks to the unique Sika-Trocal Disc System. The significant benefit of this system over other conventional systems is that this single fastener and plate combination is used to mechanically attach the thermal insulation and membrane to the roof, saving the expense and time of two attachment systems.

Installation required consideration for the safety of the pupils at the school and the nearby residents. In addition the site was relatively restricted in terms of space, but effective management, planning and procedures ensured a safely completed project.

Alex Owens, regional director for Grainger Building Services comments: "We've completed a number of jobs on schools and colleges each with its own set of challenges and the project for the James Clerk Maxwell science block at Edinburgh Academy was no different. Given the credentials of the Sika-Trocal product in the education sector we were able to install a long lasting and proven roofing solution for the school."

The Sika-Trocal Type S membrane that was used in this project has British Board of Agrément (BBA) certification, which has a stated life expectancy 'in excess of 30 years', and is backed by a product guarantee available for every installation. To enable Sika-Trocal to offer this guarantee the company employs a team of Area Technical Managers who are involved in design, construction, completion and signing the project off for guarantee. The guarantee itself is issued to the Sika-Trocal licensed roofing contractor, enabling it to follow the contractual chain.

