



# SIKA AT WORK

## SCOTTISH FIRE AND RESCUE SERVICE, EDINBURGH

ROOFING: Sika-Trocal® SGK, Sika-Trocal® SG, Sika-Trocal® S-Vap 5000E S,  
Sika-Trocal® INNObond, Sika-Trocal® C400 and C250

**Sika-Trocal®**



# SCOTTISH FIRE AND RESCUE SERVICE



## SIKA SYSTEM PROVES AN EDUCATION IN RAPID-APPLY WATERPROOFING FOR TRAINING CENTRE'S NEW ROOF

Sika provided the rapid, watertight roof solution for a new building within a firefighting hub.

The Scottish Fire and Rescue Service, East Service Delivery Area Headquarters in Newbridge, Edinburgh has been equipped with a new training centre. The 800m<sup>2</sup> 'TSB' building required a waterproof roof system that not only offered long-term protection against the elements, it needed to be quick to install and flexible enough to accommodate a number of roofing details. Sika-Trocal's fully-bonded SGK membrane system proved more than ideal for the task.

Main contractor, Robertson Construction, working on behalf of client Scottish Fire and Rescue Service, appointed Reid Roof Ltd to carry-out the flat-roof's installation. Work began in June 2018 and initially involved applying Sika® S-Vap 5000E SA, a multi-layer, self-adhesive air and vapour control layer, to the low-pitched roof's concrete substrate. Comprising polymer-modified bitumen, glass-fibre mat reinforcement and an aluminum foil as top layer, S-Vap's superb strength enables simple, rapid installation and exemplary, airtight roof construction.

A layer of Sika-Trocal INNObond, a durable, easy-to-apply, high-performing insulation board, provided a quality thermal base for the SGK membrane.

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



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The reinforced PVC waterproof membrane offers a durable solution for warm and cold roof constructions. As well as supplying high tensile strength, Sika-Trocal® SGK provides outstanding weathering and excellent flexibility in cold temperatures, which along with its easy-fit benefits; make it the ideal membrane for exposed flat roofs.

The light-grey membrane was affixed using the Sika-Trocal® spray-adhesive range. Time and cost-effective, the range - which includes Sika-Trocal® C400 and C250 - is also kind to the environment. It contains fewer solvents than poured-applied adhesives and creates less material waste. Once used, a canister can be decommissioned as scrap metal, making it a recyclable material.

Sika-Trocal® SG, a 1.5 mm multi-layer, synthetic roof waterproofing sheet, provided the aesthetically-pleasing solution for the roof's various vertical upstands.

Brian Hartie, Contracts Manager at Reid Roof Ltd, said: "Sika makes quality products, and its SGK system is no exception. Its flexibility in being able to absorb some intricate roof details was crucial to the project's success. It's a superb, rapid-apply system."

The TSB building's roof installation was completed in August 2018. Thanks to the flexible and rapid-apply properties of the Sika-Trocal® SGK system, contractors were able to meet the client's strict deadline and supply a roof that will provide long-term protection for the depot's new training facility for many years to come.

### PROJECT PARTICIPANTS

Size: 800m<sup>2</sup>  
Contractor: Reid Roof Limited

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