SIKA AT WORK
STUDENT ACCOMMODATION BANGOR UNIVERSITY

ROOFING: Sika-Trocal Type S Single Ply Membrane

Sika-Trocal®

STUDENT ACCOMMODATION, BANGOR

PROJECT REQUIREMENT
A robust and high performance waterproofing solution has been specified from Sika-Trocal® for the new £30 million state-of-the-art student accommodation at Bangor University in Gwynedd.

The St Mary's student village development at the university has been designed by architect FaulknerBrowns and includes five new residential blocks or townhouses, along with a café and bar, sports and fitness centre, a shop and launderette facilities. For the new townhouses which are set around a 'village square', specialist contractor Weatherwell Roofing turned to Sika-Trocal® for a cost-effective, hassle-free application.

SIKA-TROCAL SOLUTION
Working with main contractor Vinci, Weatherwell Roofing installed 4,300m² of 1.5mm thick Sika-Trocal® Type S in Slate Grey at each townhouse. The entire roof build up consisted of an S-Vap 500E vapour control layer, 140mm Kingspan insulation, and the Sika-Trocal® Type S waterproofing membrane.

The versatility of the Sika-Trocal® Type S waterproofing membrane ensured that any detailing, such as capping vents or curved cone features were achieved and met the architect's aesthetic vision. To provide a neat finish, all edge cappings were made from Sika-Trocal® Metal rather than standard powder coated copings.

The Sika-Trocal® Type S membrane was laid over the insulation onto the timber deck and securely fastened using Sika-Trocal's innovative laminated metal disc system. This system sees the membrane and insulation mechanically fixed to the roof in a single process, ensuring a fast installation minimising components required and reducing overall project costs.

Kristian Lewis, Weatherwell Roofing said: "The Sika-Trocal® Type S membrane was ideal for the project and met the architect's vision both in terms of sustainability and aesthetics. The Type S membrane is a great product and offers speed and ease of installation which was key to this short build programme."

With this impressive new student village now complete and welcoming a new intake of students, the application of the Type S waterproofing membrane has ensured a swift and efficient installation that will offer high performance and waterproofing resilience for the long term.

PROJECT PARTICIPANTS
Size: 4300m²
Contractor: Weatherwell Roofing
Architect: Faulkner Browns

bsi. ISO 9001 Quality Management FM 12504
bsi. ISO 14001 Environmental Management EMS 45308
bsi. OHSAS 18001 Occupational Health and Safety Management OHS 585274

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