



SIKA AT WORK

POLLOKSHIELDS DOCTOR'S SURGERY, GLASGOW

ROOFING: Sika-Trocal its Trocal Type S membrane in slate gray and Sika-Trocal Type S

SFS intec

Turn ideas into reality.

Sika-Trocal[®]



POLLOKSHIELDS DOCTOR'S SURGERY, GLASGOW



PROJECT REQUIREMENT

Health and safety is naturally of utmost importance in the healthcare sector and patient protection must always be a major concern for building owners, facilities managers and the occupants themselves.

At the new-build Pollokshields Doctor's Surgery in Glasgow, a reliable and high performance waterproofing membrane was required that would also deliver a swift and efficient installation. Offering exceptional waterproofing, durability and a simple installation process, the cold-applied Type S roofing membrane from Sika-Trocal proved the perfect solution.

Sika-Trocal is approved by the British Board of Agrément (BBA) to have a life expectancy of up to 30 years. Combined with an efficient installation that ensured an improved seal, the Type S waterproofing membrane offered the long term performance to meet the client's demands.

For the 600m² flat roof, split into two levels, the project also required a safer and more efficient application. Specialist contractor Procladd became the first contractor in Scotland to use a new installation innovation from SFS intec – demonstrating the contractor's determination to embrace new technology and the advantages that it brings to the client, and the industry as a whole.

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SIKA-TROCAL SOLUTION

Sika-Trocal supplied 600m² of its Trocal Type S membrane in slate grey. Suitable for mechanically fastened roofs in both new build and refurbishment applications, Sika-Trocal Type S provided an economic system that was also rapid to install.

The roofing system was securely fixed in place using SFS intec's new heat induction welding tool, combined with a chalk marker indication system for speed and efficiency. Insulation boards were fixed to the profiled steel deck in a field fix pattern, using thermally broken sleeves, fasteners and isoweld stress plates. Sika-Trocal S was then applied and the stress plate positions marked up with chalk, before the isoweld stress plates were induction welded to the membrane.

Mechanical fastening coupled with induction welding, proved a strong, safe method for fixing single ply roofs. By using this new tool, the contractor achieved a secure and economic fixing solution. Additionally, by utilising the field fix method of application, the number of fasteners necessary can be reduced by up to 20%, when compared with in-seam fix applications.

PROJECT PARTICIPANTS

Size: 600m²
Contractor: Procladd Scotland

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