



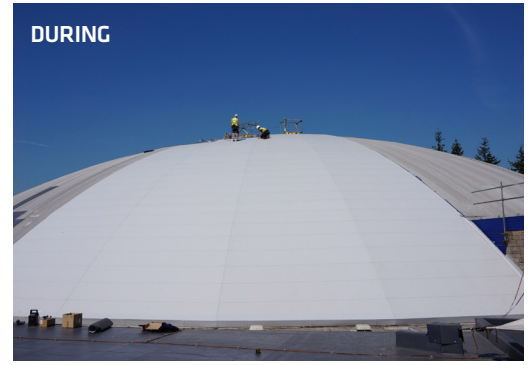
SIKA AT WORK

LIVE ACTIVE LEISURE, PERTH, SCOTLAND

ROOFING: MECHANICALLY FIXED SIKA SARNAFIL S327-15 EL LIGHT GREY OVER
SIKA SARNATHERM INSULATION S327-15 EL

Sarnafil®





SARNAFIL BRINGS NEW LIFE TO ICONIC BELL'S SPORTS CENTRE

PROJECT REQUIREMENT

Celebrating its 50th anniversary in 2019, the iconic Bell's Sports Centre in Perth, one of Scotland's largest sports facilities, needed a new roof to protect the important building. With the previous roof membrane nearing 30 years old and in a state of disrepair due to the challenging Scottish weather, the centre needed a long-term and robust roofing solution.

Planned by Perth and Kinross Council's arms-length body Live Active Leisure, the £700,000 project also aimed to improve insulation and ventilation in order to enhance the venue's environmental performance and efficiency.

With the building needing to stay fully operational during the works and the added difficulties presented by weather and the domed shape of the roof, the project provided a real challenge for the contractors.

SIKA SARNAFIL SOLUTION

Project managers Hardies Property and Construction carried out a competitive tender process, which ultimately awarded the contract to roofing contractors AIM Developments. AIM Development's experience is extensive and with 35 years of installing Sarnafil, they were more than qualified to tackle the tricky job. Hardies Property and Construction worked with AIM Developments together throughout the process to ensure all necessary health and safety precautions were taken, with particular focus on keeping the site safe for users to still use the building whilst the work was taking place.

Despite worries that the work would need the old, damaged roof stripped off, which would have been timely and costly, it was decided that the old roofing membrane could be left on. This proved particularly useful as it was vital to the client that there was no water leakage. With a springboard floor directly beneath the dome, water damage could have resulted in having the floor replaced and forcing the centre to close temporarily. However, with the previous roofing membrane left on, this helped to create a vapour control layer.

The product of choice for the iconic building was the mechanically fixed Sarnafil S327-15 EL Light Grey over SarnaTherm insulation. S327-15 EL is more than able to cope with all the extremes of the Scottish weather and has been certified by the BBA to last in excess of 40 years. This combination fitted perfectly with the client's need to enhance the building's environmental performance. Plus, the durability of the single ply material ensured a long-lasting solution for the project.

One of the main challenges the project presented was the domed roof, which proved difficult to manoeuvre around. However, AIM Developments chose to employ the use of Limpet systems in order to combat this. Usually used to carry out maintenance on wind turbines, the Limpet systems gave the installers enhanced control with manual handsets - allowing increased flexibility of movement up and down the working area. As the first UK roofing project to use Limpet systems, traditional scaffolding was unnecessary, saving the client money. Plus, they saved time and helped to reduce the noise level of the installation, meaning that disturbance was kept to a minimum and people were able to continue to use the building.

The project was kept on-track with regular visits from Sika Sarnafil's Field Technicians and the excellent back-up service they provided. With the expertly trained team at AIM Developments and a lucky spell of calm weather, the project was finished on time and within budget. The client was particularly happy with the outcome and gained total peace of mind thanks to the roof securing an all-encompassing 15-year Sarnafil Plus guarantee which covered the materials used, workmanship and design where wind calculations were performed by Sika Sarnafil.

PROJECT PARTICIPANTS

Client: Live Active Leisure
Main contractor: Hardies Property and Construction
Roofing contractor: AIM Developments Ltd
Project name: Bell's Sports Centre
Location: Perth, Scotland
Area: 4000m²



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