



Lochgelly High School

Commercial Sector Case Study



CLIENT:

Fife Council

YEAR:

2007

MAIN CONTRACTOR:

Aim Developments Ltd

SIZE:

2240m²

PROJECT:

Lochgelly High School, swimming pool roof

SPECIFICATION:

18mm exterior grade plywood; Sarnavap 5000SA vapour barrier; 150mm thick Sarnatherm insulation; Sarnafil S327 18EL membrane, lead grey in colour; Alumasc gutters. Achieving a 20-year guarantee for the client.

ABOUT THE PROJECT

Aim Developments Ltd was employed by Fife Council to carry out the refurbishment of the swimming pool roof at Lochgelly High School.

This project was carried out as a Sarnafil Roof Management project. Sarnafil, the world's leading single-ply manufacturer, developed Roof Management (now referred to as Sarnafil Plus) to relieve the pressure on owners or managers of buildings, who are often responsible for thousands of square metres of building area.

With Sarnafil Plus, clients have the reassurance of access to a product with a life expectancy of over 40 years (in the opinion of the British Board of Agrément), detailed pre-installation survey and assessment, a 20-year single point guarantee including the cover of existing substrates and contractor insolvency, and registered installers such as Aim Developments Ltd.

WHAT IT INVOLVED

We first went to Lochgelly High School and carried out a sample section on their swimming pool roof to display the system that Sarnafil recommended for this project under Sarnafil Plus. This sample met with Fife Council's approval and we were appointed to return as main contractor to completely refurbish the roof.

The first step was to strip and remove the existing roof tiles, counter battens, insulation and felt. We then installed new 18mm exterior grade plywood, which was fixed to the existing structure with stainless steel fixings, and applied a self-adhesive bitumous vapour barrier. Following this, we mechanically fixed the Sarnatherm insulation boards with stainless steel fixings and telescopic tubes, and then installed the selected Sarnafil S327 18EL membrane, which was mechanically side lap fixed with stainless steel screws and Sarnafast tubes. We painted all existing fascia boards and installed new Alumasc gutters.

There were a few challenges that had to be met by our fitters on this project; the main one being the complex shape of the roof structure with various pitches and vertical surfaces that had to be covered. There was also a great deal of detail work, as we installed over 2,500 Lm of Sarnafil décor profile standing seam. We were extremely proud of this project and the finish achieved: all through the hard work of our employees and their attention to detail. Our workforce formed a good relationship with the client to ensure the smooth running of the project, which was completed on time.



WORKING TOGETHER, WORKING SAFELY

During the works the building was fully scaffolded and great care had to be taken as pupils and members of the public were using the swimming pool and recreation facilities, and pupils of Lochgelly High School were always nearby. We put a great deal of work into health and safety planning and awareness to ensure safe working practices for our employees and to maintain a safe environment for the public and pupils of the school.

"Fife Council were extremely satisfied with the finish achieved on the roof at Lochgelly High School. Aim Developments were co-operative, delivered a high standard of workmanship and met with all health and safety regulations"

FIFE COUNCIL PROPERTY SERVICES