



# Dryburgh Gardens, Dundee

## Commercial Sector Case Study

**CLIENT:**

Abertay Housing Association

**YEAR:**

2013 - 2014

**MAIN CONTRACTOR:**

McGill Electrical Ltd

**SIZE:**

1200m<sup>2</sup>

**PROJECT:**

Dryburgh Gardens, Dundee

**SPECIFICATION:**

Sarnavap 5000SA vapour control layer laid to existing asphalt roof surface; 155mm thick Sarnatherm insulation; Sarnafil S327 18EL membrane, light grey in colour. Achieving a 20-year guarantee for the client.



### ABOUT THE PROJECT

McGill Electrical Ltd was appointed by Abertay Housing Association to carry out an extensive refurbishment project to improve its properties at Dryburgh Gardens, Dundee. There are four high rise blocks, with 81 properties owned by Abertay Housing Association and 39 privately owned. Aim Developments Ltd was appointed by McGill Electrical Ltd to remove the existing roof coverings to the concrete deck and to supply and install the specified Sarnafil waterproofing system.

This project received substantial funding from the Green Deal, the government's flagship energy policy designed to give property owners the opportunity to pay for energy-saving improvements through savings made in energy bills over time.



### WHAT IT INVOLVED

The original roof covering was felt with a covering of granite chips and this needed to be replaced with a more durable and efficient covering. The selected membrane was Sarnafil S327 18EL, which is ideal for projects where wind uplift is high and speedy installation is required. This mechanically fastened installation is extensively used for large structures and suitable for both new and refurbishment projects of any size, particularly for exposed applications. Our team worked quickly to remove the old roof covering and improve the buildings with the new roofing system. As the flats were occupied while the refurbishment was being carried out, we worked hard to minimise any impact and disturbance to the occupants. The roofing improvements were completed on time and we are pleased with the positive impact such refurbishment will have on the comfort of the residents.

### SARNAFIL GUARANTEES

The specification selected achieves a 20-year Sarnafil products guarantee, issued to the client upon completion and following a final inspection carried out by a Sarnafil Field Technician. Sarnafil carried out periodic site inspections throughout this project to ensure that the waterproofing system had been installed following the specification and to ensure that the roofs achieve their optimum life span and are installed by qualified operatives. The British Board of Agrément has certified that Sarnafil S327 18EL membrane, under normal service conditions, will provide durable waterproof covering in excess of 35 years, and tests have confirmed that more than 40 years can be achieved.

### WORKING TOGETHER, WORKING SAFELY

Health and safety, as always, is paramount and we always ensure that our workforce is fully qualified and equipped to carry out projects safely. Our team working on this project was one with a great deal of experience and fully certified. Such emphasis means we safely and successfully complete projects to our and our clients' expected high standards.



"I found Aim Developments very easy to work with. All works were carried out to a high standard and in a professional manner and completed on time or quicker. The team charge hand has an excellent attitude and I would be happy to have him on any future project."

**KENNY ROSS** - McGill Electrical Ltd