



# SIKA AT WORK

## GDF OFFICE BUILDING IN ABERDEEN, SCOTLAND

SIKA ROOFING SOLUTION FOR BREEAM  
EXCELLENT CERTIFIED GREEN BUILDING

**Sarnafil®**



# GDF OFFICE BUILDING IN ABERDEEN, SCOTLAND



## PROJECT DESCRIPTION

In 2013, GDF Suez, a large oil company required the construction of a new operational centre in Aberdeen. With almost 4,000 employees in the region and a commitment to supporting the local area this was to be a prestigious project.

## PROJECT REQUIREMENT

Along with the requirement for a building that would serve the needs of all who used it, the architect also wanted to produce a sustainable structure that would not only have little impact on the environment now but also for years to come.

The client and architect sought a tried and tested roof waterproofing system, that would be fully accredited and provide a quality guarantee. Prior to the specification of the roof system, a wide range of information was requested to demonstrate the product's sustainability credentials – including how it would support a BREEAM excellent rating, its durability, and its impact on the environment.

## SIKA SARNAFIL SOLUTION

The team at Sika Sarnafil worked hard to provide comprehensive information on how the Sika Roofing systems perform, the methods used in production, and how they can help reduce a building's lifecycle costs. This included the BBA certificates that prove an independently

assessed life expectancy of “in excess of 40 years” in the opinion of the BBA and a comprehensive project specified Life Cycle Assessment (LCA) of the offered Sika Roofing system.

As a result a Sarnafil S327- 18EL system in Light Grey was specified for the mechanically fixed roof and installed by Briggs Amasco Aberdeen. This is a polyester reinforced single ply membrane that offers outstanding resistance to weathering and demonstrates excellent flexibility even in cold temperatures. The roof build-up is easy to dismantle at the end of its long life span and therefore unproblematic to recycle, making it a more sustainable solution.

## CONCLUSION

The project allowed Sika Sarnafil to demonstrate its competence and expertise in sustainability, including all relevant quantitative contributions to a sustainable high performance tailor-made roofing solution to fulfill the customer requirements from a technical, economic and environmental point of view.

## PROJECT PARTICIPANTS

**Contractor:** Briggs Amasco Aberdeen  
**Client:** GDF Suez Oil Company  
**Architect:** Halliday Fraser Munro  
**Size:** 1,300m<sup>2</sup>

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