



SIKA AT WORK

GREENHOUSE, LEEDS

ROOFING: Sarnafil® Light Grey G410-15EL, Sika® S-Vap 500, 120mm PIR Insulation, Sarnafil® Walkway

BUILDING TRUST



SARNAFIL® PROJECT REVISITED 13 YEARS ON AT ECO FLATS IN LEEDS



Project Description

In 2010, Protech were approached by The Clegg Group for a renovation project of an eight storey 1930's building.

Originally known as Shaftesbury House, the building was opened in 1938 to house migrant workers in Leeds that had previously been living in appalling conditions. The development had deteriorated and was eventually closed and boarded up in 1998. As part of a regeneration programme of the area, Leeds City Council co-ordinated the redevelopment of the site into what is now known as Greenhouse, a mixed-use block of eco-flats.

Project Requirements

Known as Britain's most pioneering low carbon development, the building promotes ecological and social sustainability. It had the requirement to fit solar panels and wind turbines on the roof for heating the water. This project needed a roof to fit those needs, that's where a Sika Single-Ply roofing solution came to fruition.

Sika Solution

Sarnafil® Light Grey G410-15EL was the technology of choice. The choice of the lighter colour was deliberate, to ensure heat would be reflected, rather than absorbed. It would also help keep the solar panels cool. Ultimately the light grey membrane would help to keep the building cooler and reduce energy costs.

Sarnafil® G410-15EL is a multi-layer synthetic roofing membrane, based on premium quality polyvinyl chloride (PVC), with an inlay of glass non-woven for dimensional stability, and self-adhesive backing. The membrane contains ultraviolet light stabilisers which resist UV degradation, and the products achieve BS 476 -3 2004 and EN 13501-5 B Roof T4®. All of this is topped off with a unique lacquered coating to resist pollutants.

"Greenhouse has been a great project for Protech to be involved with, the history of the building makes it iconic for the city of Leeds. The social responsibility aspects surrounding not only Greenhouse as it is now but also Shaftesbury House show how important projects like this are for the community. Revisiting the project 13 years on and getting up on the roof and seeing how great it still looks gives us a sense of pride to have been part of something that is benefiting the local community."

David McLean, Managing Director – Protech Roofing

Project participants

Contractor: Protech Roofing, Leeds

Roofing Client: The Clegg Group and Citu

Size: 1800m²

Products: Sarnafil® Light Grey G410-15EL, Sika® S-Vap 500, 120mm PIR Insulation, Sarnafil® Walkway



SIKA LIMITED

Head Office
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1707 394444
Fax +44 1707 329129
Email enquiries@uk.sika.com
www.sika.co.uk
 @SikaLimited

BUILDING TRUST

