



SIKA AT WORK

THE LEAF ROOM, DUNDEE

ROOFING: SARNAFIL SINGLE PLY MEMBRANE, SARNAFIL S 327-15EL PVC MEMBRANE IN COPPER PATINA AND DÉCOR STANDING SEAM STRIPS

Sarnafil®





SARNAFIL'S GREEN SINGLE PLY TOP CHOICE FOR MULTI-AWARD-WINNING LEAF ROOM

PROJECT REQUIREMENT

Small yet impressively imposing, The Leaf Room's iconic design – inspired by the natural form of a leaf – was the brainchild of Jonathan Reeve, architect at Voigt Architects Limited.

Nestled in the Ninewells Community Garden in the grounds of Ninewells Hospital, Dundee, the unique structure was designed to function as a living room, garden retreat, community room and educational training facility.

Intended to reflect its position at the edge of valued and historic woodland, while giving the garden a sense of identity, a rectangular-shaped structure, made primarily of Natural Scottish Timber, sits beneath a distinctive folded-leaf-shaped roof.

Being both curved and angled, the roof needed a waterproofing solution that ticked multiple boxes. It not only had to be flexible enough to accommodate the complex design and durable enough to ensure the building's longevity, but it also needed to mimic a leaf's surface – meaning a green-coloured product was a must.

SIKA SARNAFIL SOLUTION

With a variety of colours available, Sika Sarnafil's single ply membrane was the ideal choice. Sarnafil S 327-15EL PVC membrane in copper patina was specified, along with décor standing seam strips. As well as offering the perfect shade of green, both the architect and roofing contractor Raynor Roofing were confident that the product would be easy to work with and long-lasting, having used it numerous times before.

Working closing together, the team were able to fit the single ply across the oval shaped roof, which folds down on either side of the main primary ridge beam. They also successfully used the product to weld on 'fins', making the roof look like a real leaf.

Although a challenging design to execute – with everyone working on the project never having built anything so small yet complicated before – the whole team took great pride in the build and were excited to be involved in something different.

The end result is not only stunning, but also extremely environmentally friendly. One of the most impressive sustainability features is a bespoke upstand edge detail on the roof, which removes any guttering and aids the collection of rain to help water the garden's surrounding plant life.

The Leaf Room was officially opened on November 11, 2016, by Shona Robison, cabinet secretary for health, wellbeing & sport. Since then, it has gone on to win numerous awards, including the Scottish Civic Trust 'My Place' Award 2018 for the Best Public Space in Scotland, DIA 'Best Small Project – Non-dom' Award 2017 and a Dundee Civic Trust Commendation in 2017. Prior to its completion, it also won a DIA Award for 'Best Project on the Drawing board' in 2015.

Although a small building, The Leaf Room has had a big impact on the local community since opening, offering patients, staff and visitors a space for talks, activities or just quiet contemplation. And, thanks to a 15 year Sika Sarnafil guarantee on the roof, the building will undoubtedly be enjoyed for many more years to come.

PROJECT PARTICIPANTS

Client: NHS Tayside, The Forestry Commission, Ninewells Community Garden

Main contractor: S & R Developments

Roofing contractor: Raynor Roofing Limited

Project name: The Leaf Room

Location: Dundee

Area: 76m²

Architect: Voigt Architects Limited



SIKA LIMITED

Sika Sarnafil
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1 707 358500
Fax +44 1 707 329129
E-Mail sarnafilroofing@uk.sika.com
www.sarnafil.co.uk
@SikaSarnafilUK

Sarnafil®

