



# SIKA AT WORK

## PENWITH COLLEGE, CORNWALL

ROOFING: Sika Sarnafil Single Ply Membrane

Designed to achieve a BREEAM excellent rating

**Sarnafil**®



# PENWITH COLLEGE OPTS FOR SIKA SARNAFIL



## PROJECT REQUIREMENT

As part of a £29 million development, Truro and Penwith College in Cornwall saw nine new buildings erected in a project led by main contractor Midas Construction and St Ives-based PBWC Architects.

A roofing system was required that offered protection against the prevailing coastal winds of the exposed, coastal location of Penwith College in Penzance, but also reduced the buildings' environmental impacts and promoted sustainable construction methods.

## SIKA SARNAFIL SOLUTION

Sika Sarnafil single ply was specified for its strong environmental performance and resistance to wind uplift, with the added benefit of a life expectancy in excess of 40 years.

Progressive Systems Ltd installed a total of 9,000sq m of Sika Sarnafil Lead Grey membrane on the Zennor, Porthcurno College, Sennen, Gwevnor, Lamorna and Penberth buildings, keeping them safe from the damaging wind uplift in the area. In order to meet the college's desire to reduce the buildings' environmental impacts, PBWC's design incorporated green technologies including a 100K wind turbine and 150m-deep bore holes to provide ground-source heat. Thanks to its strong environmental performance, Sika Sarnafil was therefore the natural roofing choice for six of the nine new buildings. Together, these green credentials have led to seven of the buildings achieving BREEAM Excellent and Very Good status.

The college buildings required a roofing system that offered protection from wind uplift, as well as the ability to adapt to additions that reduce the environmental impact of the buildings. Sika Sarnafil offered a solution to these key concerns, while also offering an independently assessed BBA-certified life expectancy in excess of 40 years.

## PROJECT PARTICIPANTS

**Product:** Sika Sarnafil Single Ply Membrane

**Contractor:** Progressive Systems Ltd

**Architect:** Poynton, Bradbury, Wynter, Cole (PBWC)

Our most current General Sales Conditions shall apply.  
Please consult the Data Sheet prior to any use and processing.



FM 12504



EMS 45308



OHS 585274

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