

CASE STUDY

The Cornwall Hotel and Spa Estate – St. Austell

Single ply delivers on challenging conservation and design criteria



The Cornwall Hotel and Spa Estate is a new £30 million destination resort located in an idyllic natural setting in Tregorrick, near St. Austell.

As an expansion of the existing Cornwall hotel, a Grade 2 listed manor house; all new developments have a natural theme and blend seamlessly into the surrounding designated 'Area of Outstanding Natural Beauty'.

SpectraROOF delivered roofing design solutions for the main house roof, the lodge area containing 60 luxury woodland homes (discreetly arranged in the woodland slopes behind the main house), and the spa, converted from nineteenth century stables.

The design ensured that the beauty of the estate and integrity of its historic buildings were respected. It complimented the building's original character whilst introducing some striking contemporary features, such as the shape of the lodge roofs and stylish balconies.

Hodge Single Ply Roofing Ltd are a SpectraROOF approved contractor and were able to apply their expertise to installing the roof design.

Project Sector: Hospitality and Leisure

System: Spectraplan TPE

Contractor: Hodge Single Ply Roofing

Completed: October 2009

Size: 4,500 m²

SpectraROOF Contact: Dave Embery

A Spectraplan TPE system was installed on all roof areas. The versatility of the system enabled the curved lodge roofs (plywood decks) to be mechanically fastened, the lodge balcony roofs (concrete decks) to be ballasted and the swimming pool & spa roof (metal deck) was adhered.

The main house roof was a green roof design and had a mix of concrete and metal decks. The Spectraplan TPE system was installed using the ballast method and included attractive sky gardens.

Spectraplan TPE membranes benefit from being free of plasticizers, chlorine, HCFCs, halogens and heavy metals – an ideal fit for the project's environmental criteria.

The roof was awarded a 15 year guarantee.

