



Oriely Parc Landscape Gallery, St David's

AN AWARD WINNING PROJECT WITHIN THE PEMBROKESHIRE COAST NATIONAL PARK AUTHORITY

TPS were brought in at an early stage of this project to advise the whole team including the client. All were committed to achieving a sustainable building for use by the community and visitors alike.

The project made use of the following environmental aspects.

Rainwater Harvesting

To reduce consumption of mains water and help to reduce the pressure on water resources, a huge 18,000 litre storage tank was installed beneath the front courtyard. Rainwater from the roof is funnelled into the tank and used to flush the toilets.

Grass and Sedum Roof

Most roofs are dark and absorb heat which causes uneven heat distribution. Green roofs cut down on the absorption of heat and provide effective insulation from cold in the winter and the heat of the sun in the summer.

Rainwater percolates slowly through the soil, so preventing run-off water from the building overloading the local drains and causing flash flooding.

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The building achieved an Excellent rating under the bespoke BREEAM methodology.

PROJECT PROFILE



CLIENT

Pembroke National Park

PROJECT VALUE

£3.5m

SERVICES

○ BREEAM (Bespoke)

START DATE

2007

COMPLETION DATE

2008

AWARDS

- Winner, Wales Planning Award, 2009
- Winner, Royal Town Planners Institute award for the best Rural Areas and Natural Environment

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