

## CASE STUDY



Rainharvesting Systems Limited  
The Green Shop, Calf Way, Bisley,  
Stroud, Gloucestershire, GL6 7BX

tel. 01452 772 000 fax. 01452 772 008  
www.rainharvesting.co.uk



## Dolygaer Mountain Centre, Merthyr Tydfil



### Rainwater system

- 10,000 L GRP tank
- Wisy WFF100 Vortex filter
- Single pump Multigo 40/06
- 450 Litre Header Tank

### Design data

- Usage: 10 WCs and 4 urinals
- Estimated usage: 626 litres/day
- Average annual rainfall: 1435 mm
- Roof area: 171 m<sup>2</sup>
- Predicted annual volume of water saved: 176 m<sup>3</sup>
- Capital cost: £3987
- Completion: Spring 2012

### Client: Mid Glamorgan Area Scout Council

Dolygaer Mountain Centre has recently undergone a complete transformation with the construction of a brand new building on its site near Merthyr Tydfil in the Brecon Beacons.

The Centre is owned by Mid Glamorgan Area Scout Council and provides accommodations and outdoor activities for Scouts and other groups.

This attractive building boasts a rainwater harvesting system, which supplies water for flushing the toilets, thus reducing the demand for mains water.

The Centre was officially opened on 27th May 2012. The system has a 10,000 litre storage tank and is expected to save about 176,000 litres of water each year.

Indirect system with break tank