

Project: Canon Burrows Primary School

Main Contractor: P&L Construction

Construction: New Build

'Living Roofs' or Green Roofs as they are more commonly called is actually living vegetation on a waterproofing membrane.

Green roofing is an ideal way of reducing a structure's carbon footprint simply by installing suitable thermal insulation to prevent extensive burning of fossil fuels and secondly converting potentially harmful carbon dioxide into oxygen.

It uses a specially formulated root resistant torch-on membrane which when installed provides the roof with the important waterproofing requirements prior to the living vegetation being laid.



The most popular choice of vegetation used for a Green Roofing is Sedum.

Sedum is a very drought resistant plant which needs little irrigation once established, and changes colour with the seasons, both through flower and foliage, adding further interest to the roof.



It is laid on top of a specially designed mat which in turn is laid on a drainer board or filtering system. Natural rainwater penetrates the sedum and is filtered before entering the drainage system.

When completed, Icopal the manufacturer nominated Canon Burrows for a roofing award due to its steep pitch, as intermediate restraint strips were an important factor of the design which were required to be anchored at regular intervals to prevent the Sedum from slumping.

The pictures illustrate a new and environmentally friendly way of waterproofing a structure and more importantly reducing our impact on global warming.



The President and Management Board of
the National Federation of Roofing Contractors Limited
have the pleasure of awarding this commendation to

D. Shawcross Ltd

in Green Roofs

for the project

Canon Burrows Primary School


Chief Executive


President

at the Annual Roofing Awards,
Hammersmith, 14th May 2010.

