

Installation of Radvantage system for Eco Home

Combined waterproofing and radon gas management system for newbuild eco home



propertECO were involved in this exciting project from the very earliest design stages, as the client knew that his dream of a round house built into the cliffside on the Jurassic Coast would require some careful detailing.

BS8102:2009 required the risk of radon to be considered at design stage and the client was keen to ensure the family home would be health-friendly as well as environmentally friendly, the Radvantage combined waterproofing and radon management system was specified.

The complex design included multiple levels and stepped footings so to ensure that the building would remain dry, cavity drain membranes were installed to the walls and floors with perimeter drainage incorporated at the wall/floor junctions.

Air management systems were installed to prevent intrusion of radon and ensure that good overall air quality is maintained.

The client went on to install a green roof and the latest energy efficiency technology.

