

Installation of Radvantage system

Combined waterproofing and radon gas management system for basement conversion project in Bath



propertECO were contacted by a family who were carrying out extensive restoration works to a large Georgian home in Bath. Their builder had originally planned to tank the cellar with a waterproof coating, however radon testing carried out just prior to the works revealed that over 400 Bq/m³ of radon was present in the cellar; more than double the recommended maximum.

propertECO surveyed the property and recommended the installation of the Radvantage system. Using a combination of cavity drainage membrane and air management, radon gas can be collected behind the membrane and vented safely away from the property. This system ensures that radon is not simply diverted to other parts of the building and also provides a dry surface.

After the membrane and air management units had been installed, the client was able to fit out the cellar to their chosen specification.

Repeat radon testing was carried out in the cellar and other parts of the house to confirm that high radon levels were no longer present.

The client was delighted with the transformation of the cellar into a useful utility room.

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Thanks to all your team for working so efficiently
and quickly, much appreciated”
Client, Bath

