

Building Control in Herefordshire Worcestershire &

The Authorities of North Worcestershire, Herefordshire and South Worcestershire work closely together to provide a consistent approach to the Building Control function.

For further information about the services that we provide please contact your local office.

**North Worcestershire
Building Control**
01527 881402

Herefordshire Council
01432 261940

**South Worcestershire Building
Control Partnership**
01684 862328



Local Authority Building Control

(LABC) is dedicated to maintaining the highest standards in building design and construction. It is based on a publicly accountable and independent service, ensuring that buildings comply with relevant legal requirements for health and safety.

We aim to assist you in producing high quality buildings in a time scale which keeps your costs to a minimum by providing a fast, efficient and cost effective building control service. Our surveyors have wide technical expertise, extensive knowledge of materials and construction methods as well as access to very valuable local records. Discussions at an early stage with our building control surveyors can help identify problems, provide cost saving innovative solutions whilst guaranteeing that confidentiality will always be maintained.

LABC Surveyors have established links with other local authority services. Development Teams with members from other services e.g. planning, building control, and highways for example, can usually be brought together to give a streamlined service with only one point of contact – most often a building control surveyor. The emphasis is on avoiding difficulties.

LABC has the experience and technical skill to ease you through the building process. With the assurance of the highest quality and standards you can trust, at a speed and cost to meet your schedule and budget.

For further details about LABC services and Value Added Products please contact your Local Authority

Nov 11

Advice Leaflet 10

Radon Guidance for new dwellings

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Introduction

Radon is a naturally forming odourless, colourless gas which is radioactive and migrates upwards through natural fissures in the subsoil. When it meets the atmosphere it disperses into the air. However if it is trapped under a building and is allowed to concentrate, it can cause a health risk to the occupants.

Your Local Building Control section will compare the location of the proposals to the maps published by the Building Research Establishment (BRE) in their report 'Radon: guidance on protective measures for new dwellings'

They will then inform you/your agent of any additional detailing that may be required. This report is for guidance only and the British Geological Survey hold more detailed information as to the level of Radon in each area. You/Your agent can then either

- ✓ Carry out the level of protection required by the Building Control Section; or
- ✓ Obtain a report from the British Geological Survey for the site.

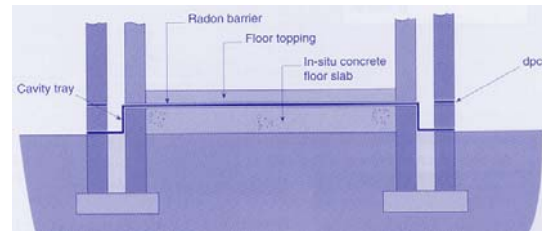
Central Enquiry Service
British Geological Survey
Keyworth
Nottingham, NG12 5GG
Tel: 0115 936 3387
e-mail: enquiry@bgs.ac.uk
Web site: <http://www.bgs.ac.uk>

Radon Protection

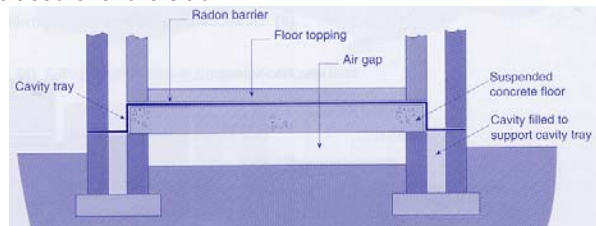
There are two types of Radon protection.

Basic Protection:

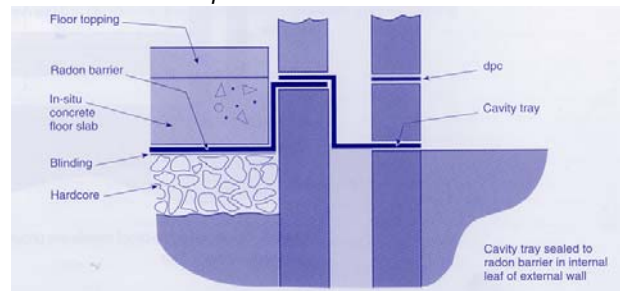
Some areas are highlighted as having a possibility of Radon presence. In these areas an enhanced dpm is acceptable. This requires the dpm joints to be lapped and taped and cavity closed. Any services which penetrate the slab should also be taped. The following designs would be acceptable:



Enhanced damp proof membrane providing basic radon protection to an insitu or Ground Bearing concrete floor placed over the slab



Enhanced damp proof membrane providing Basic Radon Protection to a suspended concrete slab

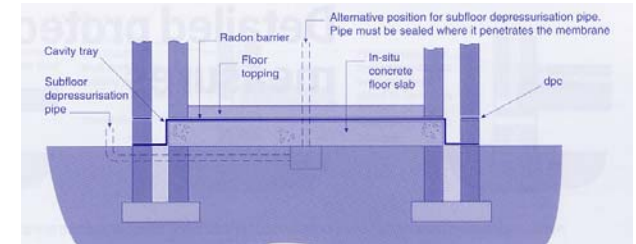


Enhanced damp proof membrane providing Basic Radon Protection to an insitu or ground bearing slab with barrier placed beneath the slab.

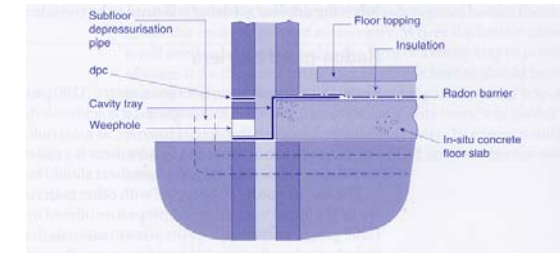
Full Protection

If the site is identified as falling within an area where full protection is required the following details will be suitable.

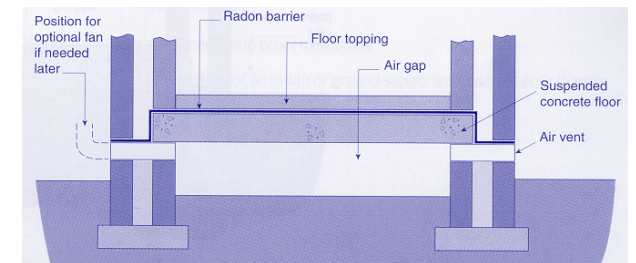
The emphasis in this case is to ventilate under the floor in order to adequately disperse any gases safely into the atmosphere.



Enhanced damp proof membrane and sump providing full radon protection.



Working detail for enhanced damp proof membrane offering full protection



Full Radon protection in a suspended ground floor slab

If you have any queries please contact a member of your Local Building Control Section