

# Visqueen Radon System

- **Comprising minimum protection of 300mu Visqueen Pifa DPM**
- **Visqueen Gas Barrier in areas where full protection is required.**
- **Visqueen Radon Sump for use in full protection systems.**
- **A comprehensive jointing system for ensuring integrity of laps and joins.**

## Description

BRE 211 Radon: Guidance on Protective Measures for new dwellings recommends a minimum of 300mu polyethylene damp proof membrane. **Visqueen Pifa 300mu Damp Proof Membrane** is suitable as a minimum barrier although a 500mu product is also available. Care must be taken not to puncture the membrane during installation.

For an effective radon proof system all laps must be a minimum of 150mm and bonded using **Visqueen Double Sided Tape**. The joint should be secured with **Visqueen Foil Backed Girth Jointing Tape**. This tape is a single sided tape which provides added security against any potential leakage path. Always ensure that the membrane is clean and dry at time of installation.

The membrane must be continuous with a cavity tray formed across the cavity using **Visqueen Polyethylene DPC** as a minimum. For added security, consider Zedex CPT High Performance DPC or Visqueen Gas Resistant DPC. All laps must be sealed using the appropriate DPC Jointing Tape. Visqueen Pifa DPM should not be extended across the cavity due to the risk of causing a slip plane in loadbearing walls.

## Visqueen Radon Sump

Where subfloor depressurisation is required, then a Visqueen Radon Sump should be used. This is a prefabricated plastic sump, which should be located as close to the centre of the building as possible. All pipework connecting to the sump should be fully sealed using the Visqueen Gas Barrier Jointing System. A venting pipe should be connected to the sump, which needs to leave the building. Until such time as a fan is installed, the pipe should be capped.

Note: a sump is only installed as a fallback measure and does not provide any radon removal until a fan is installed or is connected to a passive stack system.

## Technical Advice

For advice on detailing or installation call Visqueen Building Products Technical Help Line 01993 779911.

## Pricing & Availability

Prices may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 01993 776346

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