

Visqueen Radon Sump



- **Strong & Robust**
- **Easy to Install**
- **Part of the Visqueen Radon Protection System**

Description

Where sub floor depressurisation is required, then a Visqueen Radon Sump should be used. In the UK this is usually a requirement in Full Protection areas

Application

Visqueen Radon Sump is a prefabricated plastic unit designed to act as a collection point for radon gas prior to it being ventilated away when connected to an extract fan.

Sumps For Use With Full Protection

Where subfloor depressurisation is required, a Visqueen Radon Sump should be used. This is a prefabricated plastic sump, to which pipework is connected, with the joints fully sealed using the Visqueen Radon Membrane Jointing System. A venting pipe should be connected to the sump, pass through the external wall and brought out above ground level about 100mm from the face of the external wall. The pipe is then capped until such time as a fan is installed.

IMPORTANT

A sump is only installed as a fallback measure and does not provide any radon removal until a fan is installed or, if the sump is located centrally, the pipe is connected to a passive stack system. Typically sumps are installed at one unit per dwelling or every 15m radius.

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STRUCTURAL WATERPROOFING
 AND GAS PROTECTION SYSTEMS

Visqueen Radon Sump

Installation

Procedure

- Excavate a pit for the sump, ensuring that, for maximum depressurisation, any fill used beneath the slab does not contain excessive fines. Remove the blanking piece from the proprietary sump and connect a 110mm diameter PVC-U pipe to one outlet of the sump.
- Extend the pipe horizontally so that it passes through the external wall. Ensure that all joints and couplings are airtight. Backfill using a clean permeable material without excessive fines. Terminate the pipe just above ground level, and cap it. It will then be ready for extension to form a vent if necessary.
- Position the capped section of pipe so that it is about 100mm from the face of the external wall. This will allow space to accommodate a fan if necessary. Provide a plate on the wall to indicate the presence of the radon exhaust pipe.

TYPICAL PROPERTIES

Visqueen Radon Sump

Colour	White, Black or Green
Length mm	365
Width mm	365
Height mm	160
Material Composition	Polyethylene

The information given in this datasheet is based on data and knowledge correct at the time of printing. Statements made are of a general nature and are not intended to apply to any use or application outside any referred to in the datasheet. As conditions of usage and installation are beyond our control we do not warrant performance obtained but strongly recommend that our installation guidelines and the relevant British Standard Codes of Practice are adhered to. Please contact us if you are in any doubt as to the suitability of application.

SPECIFICATION SUPPORT

The following items are available to view online or to download from www.visqueenbuilding.co.uk

- . Technical Datasheets
- . Typical installation CAD details
- . Health and Safety data

Register online for access to NBS Clauses and for information about our CPD Seminars



TECHNICAL SUPPORT

For advice on detailing or installation call Visqueen Building Products Technical Help Line 0845 302 4758. Pricing & Availability may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 0845 302 4758.