

Solco Radon Gas Sump Unit

Description:

Solco Radon Sumps are prefabricated plastic units designed to act as a collection point for radon gas prior to it being ventilated away.

Required where sub-floor depressurisation is required under full radon protection.

ApplicationK

- The sump is installed beneath the floor slab in non-suspended floor applications and vented to the atmosphere.
- Typically a 110mm venting pipe is connected to the sump, and passes through the external wall, and brought out above ground level, and is then connected to an external source and capped off with proprietary products.

Installation:

- A pit should be excavated to ensure maximum depressurisation.
- The Radon sump is connected with 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.
- Terminate the pipe just above ground level and cap it.
- Connect to an external source and cap off with proprietary products.
- Provide a plate on the wall to indicate the presence of the radon exhaust pipe.
- Typically sumps are installed either at every 15m radius or 1 number unit per dwelling.
- There are 32 holes for ventilation. One sump is sufficient for approx. each 250m².



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- JYfmig]a d'Y'hc ']bghU'`cb'g]hY'k]h`
a i`h'd'Y'ci hYfg"
- K\ Yb'i gYX'Ug'dUfhcZH Y'Gc'Wt`
gnghYa žcZYfg'Z ``dfchWfjcb'U\ Ujbgh
F UXcb"

Dimensions

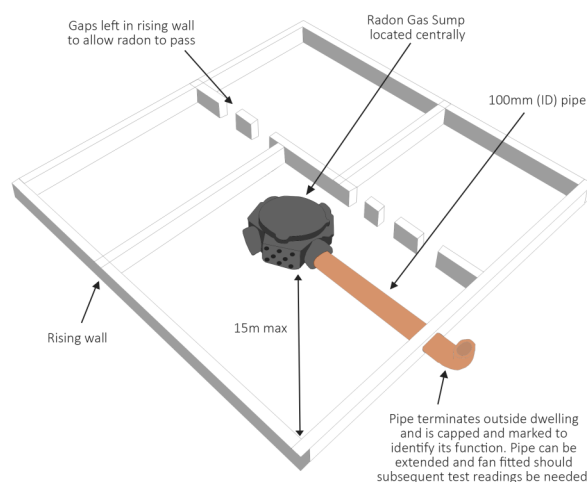
Height: 150mm

Width: 460mm

Length: 460mm

Product Specification

Ventilation hole diameter	mm	40
Pipe connections	mm	110
Weight	kg	1.3
Density	Kg/m ³	0.938
Compressive Strength (under 10kN load)	mm	29.5



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