World Radon Solutions Database
Existing Buildings
www.worldradonsolutions.info

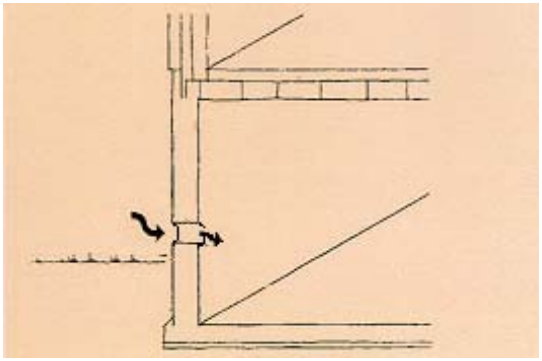
Existing Buildings

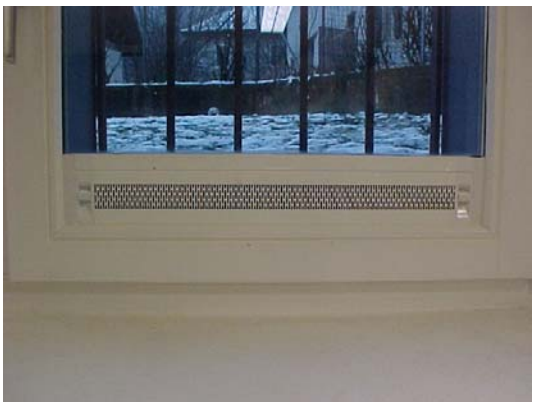
Case Study

Sheet N°

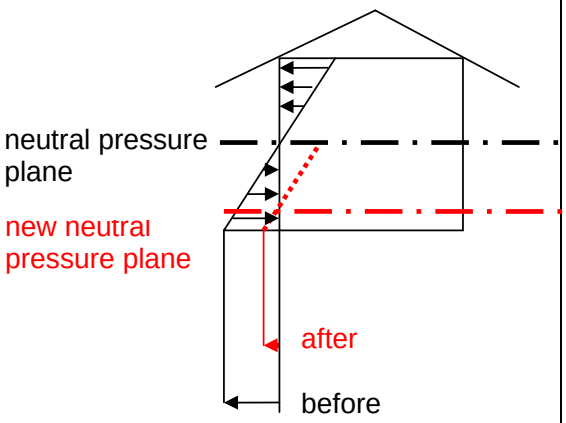
Type	Reduction of the depression.
Country	Switzerland

Illustration





Depressurising the bottom of the building through convection



Description

Every building has a pressure difference from top to bottom. The pressure difference has various causes. Reduce as much as possible this underpressure

Selection

Premises in the basement.

Pre-installation Diagnosis

Measure the radon concentration with a continuous monitor. Open a window slightly 2 days and compare the radon concentration before, during and after the test
It is better to effect this simulation in the cold period.

Radon reduction achieved

Radon reduction from 850 Bq/m3 down to 200 Bq/m3

Problems

Noise and dust: use a device with sound insulation to reduce the outside noise and an air filter.

System enhancements

Window or wall ventilators for installation in living rooms, bedrooms and work areas

Further Information

More information about this system in the “Swiss Radon Guide” could be bought or downloaded from our website WWW.CH-RADON.CH
www.bag.admin.ch/strahlen/ionisant/radon/pdf/d/Radonhandbuch-en.pdf

or direct from
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