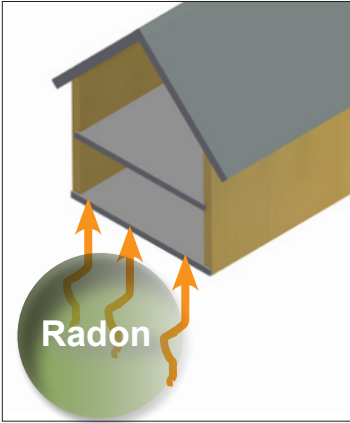


DECEMBER 2011



Residential radon

Radon is a radioactive gas which occurs naturally in the ground. If homes are not protected sufficiently against soil air seeping through the foundation, radon may enter homes, thus exposing residents to health risks.

Health risks

Residential radon contaminates the air quality and too high radon levels may increase residents' risk of developing lung cancer. According to the World Health Organization (WHO), radon is the second most frequent cause of lung cancer (exceeded only by active smoking).

Housing improvements

The concentration of radon in the air is measured in units of becquerels per cubic metre (Bq/m³). Building authorities recommend making improvements when the radon content in existing buildings is between 100 and 200 Bq/m³. For new buildings, the radon content may not exceed 100 Bq/m³.

Efficient airing and ventilation can help reduce air containing radon = residential radon gas. Simple but efficient measures can also be taken to make homes airtight against the ground to prevent soil air containing radon = radon gas from entering through gaps and cracks in the construction. Alfix offers a professional solution for this purpose:

Alfix solution:

On concrete substrates, use Alfix primer, reinforced strip/seal strips and a liquid waterproofing membrane such as Alfix 1K Sealing membrane (ready mixed) or Alfix 2K Sealing membrane (binder and cement-based powder). Alfix' protection against radon has been approved by the recognised German institute for radioactivity research at the Saarland University (Universität des Saarlandes – Radioaktivitätsmessstelle). Using this safe Alfix solution, residential radon concentration levels can be reduced considerably, thus improving the indoor climate.

Project calculator

As a supplement to our popular 'Product consumption calculators' at the Alfix website, we have now introduced a Project calculator. This new calculator enables the user to get a quick, complete overview of the consumption of several Alfix products at once.

The user can, for example, prepare a single, complete consumption/shopping list of primers, tanking systems, tile adhesives and grouts for his project.

Overall, the calculator is divided into floor and wall constructions in order to show which levelling compounds and tile adhesives are best suited for floors and walls, respectively. You can then print a simple shopping list of the calculated Alfix products and bring it along to your dealer. Finally, the list of the total consumption of Alfix products can be printed and brought along to the timber business or DIY market for subsequent purchasing of the products. Dealers may also benefit significantly from the project calculator as it allows them to help their customers calculate a project. This way, the dealers provide additional service. See the project calculator [here](#).



NEWS



Carbon neutral website

Alfix takes responsibility by minimising the impact on the environment from many of our company activities. A modest, visible proof of our green profile is our carbon neutral website, among other things.

This means that Alfix supports the organisation 'NoCO2' with an annual amount based on the number of visits to our website. Thus, Alfix pays an extra fee voluntarily for the energy and traffic on our website. All the money goes towards green, innovative carbon reduction projects in Denmark as well as abroad. [Read more.](#)

The world's best residential building

The impressive construction '8-tallet' on Amager, near Copenhagen, recently won the 'world's best residential building' prize at the World Architecture Festival which took place in Barcelona from 2-4 November this year.

Alfix delivered a complete primer, tile adhesive and levelling compound programme for the beautiful outdoor pavements which allow residents to cycle from street level to the top of the construction to enjoy the view of Copenhagen and Amager Common – today, a protected recreation area and nature reserve. [Read more.](#)

