

DELTA[®] protects property. Saves energy. Creates comfort.



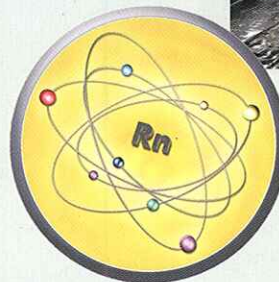
DELTA[®]-RADONSPERRE

The barrier against radioactive radon entering from the ground.

No CO₂.

No radioactivity.

DELTA[®]-Gas Barrier System.



■ Damp-proofing and protection

■ For foundation and building walls

■ For horizontal applications

**Extremely durable
and tear resistant. The
perfect solution for
long-term protection.**

No unwanted gas in your home

DELTA[®]-RADONSPERRE

Keeps your home safe from radon

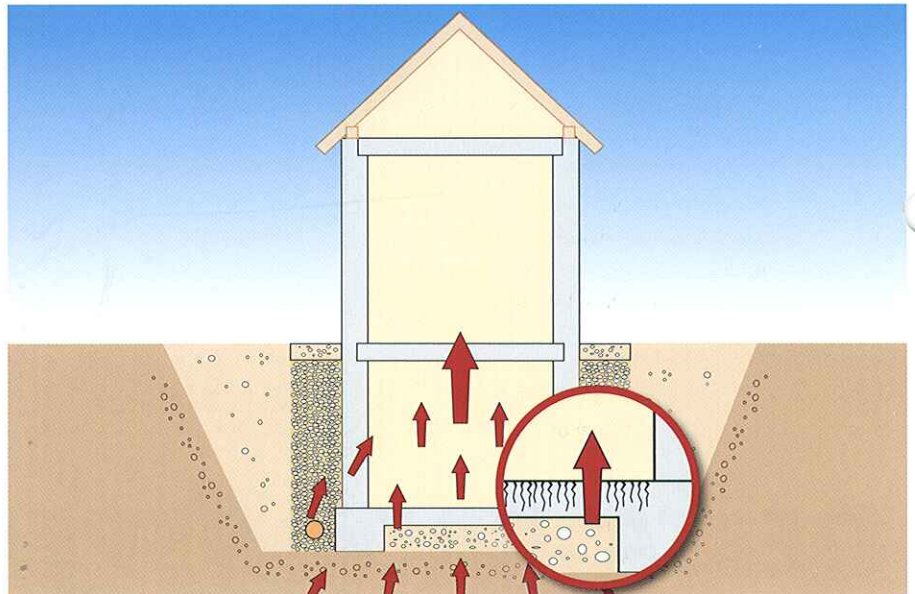


■ DELTA[®]-RADONSPERRE

Radon is a natural, radioactive inert gas that penetrates dwellings from the surrounding soil. Radon is a colourless, odourless gas which is radio active.

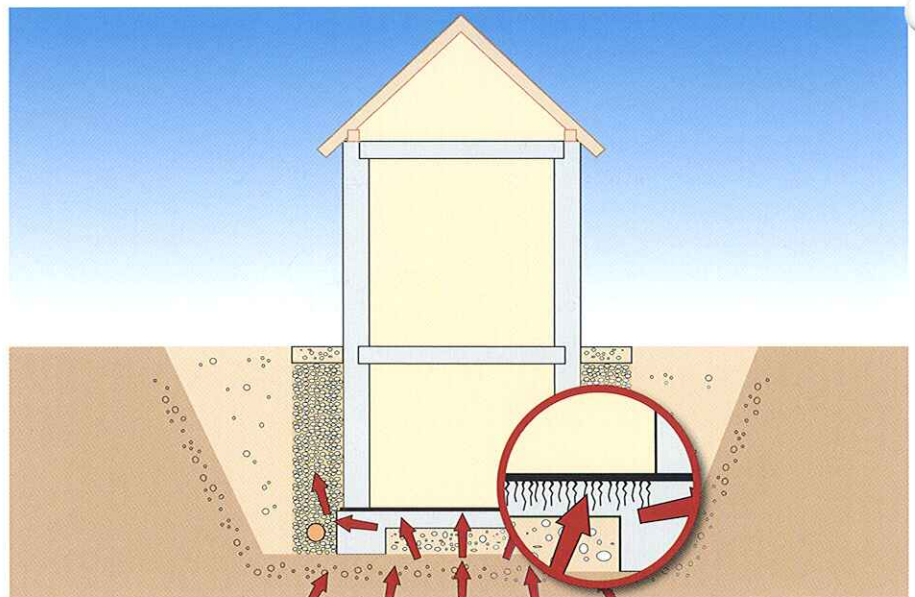
Where it occurs in high concentrations it poses a risk to health. The DELTA[®]-Gas Barrier System reliably and permanently protects from the ghostly threat of Radon, CO₂ and at the same time forms a dependable protection layer against rising damp.

Conforms to BR 211, BR 212 and Building Regulation Document C



Radon gas, a ghostly threat.

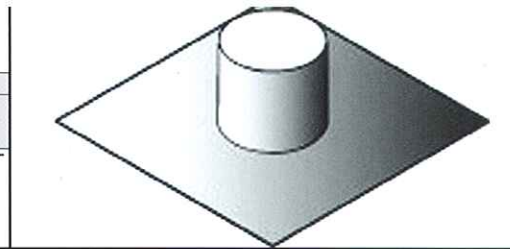
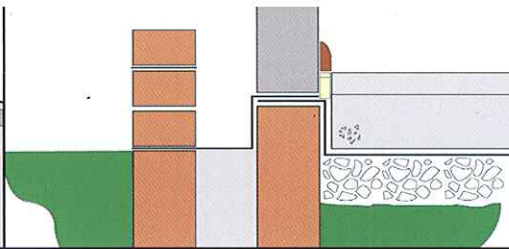
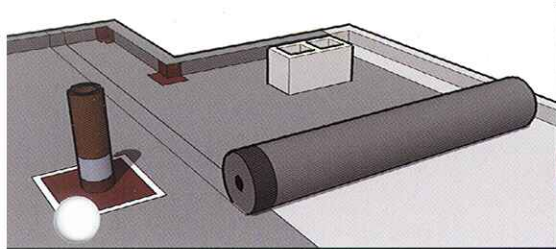
A by-product of the radioactive decay of uranium-238, radon is a natural, radioactive inert gas that is highly mobile by nature. Emanating from uranium-bearing rock, it penetrates cellars and apartments, exposing residents to long-term contamination without their noticing. After smoking, radon is the second most prevalent cause of lung cancer.



Laying the ghost: surface gas drainage with DELTA[®]-RADONSPERRE.

Laid out flat underneath the foundation slab, DELTA[®]-RADONSPERRE forms a safe barrier against rising radon gas. Next to horizontal drainage, there should be an unobstructed path for the gas to drain away upward. An all-round surface gas drainage will also keep rain and seepage water safely away from the building.

DELTA[®]-Quality branded products
made by Dörken.



The overlap is easy to bond with DELTA®-THAN.

Flexibel and easy to adapt.

No problems with pipe penetrations.

ERRE

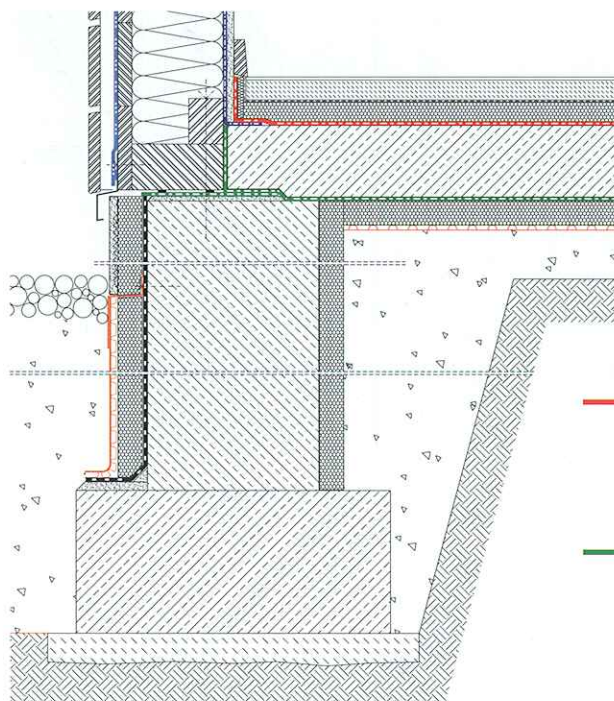
on radioactivity.

The advantage of DELTA®-RADONSPERRE:
easy to lay out on large surfaces.

- It consists of a special polyolefin blend forming a sheet approx. 0.7 mm thick and strong.
- With optional roll widths ranging up to 4 metres, DELTA®-RADONSPERRE can be easily and quickly put into place even on large surfaces, keeping overlaps to a minimum at the same time.
- DELTA®-RADONSPERRE is extremely durable and tough, eliminating any danger of stepping through the material.
- The anti-slip profile on both sides stabilises the sheet and optimises its adhesion to mortar.
- DELTA®-RADONSPERRE will not crack even at low temperatures. Being both flexible and formable, it will easily bend around corners.
- DELTA®-RADONSPERRE offers protection not only from the radiation of radon but also from moisture – even at extreme temperatures. The material will also serve as a damp course under plaster floors.
- The material is compatible with bitumen, resistant to degradation, and UV-stabilised.
- Tightly sealed with products from the DELTA® range of adhesives, DELTA®-RADONSPERRE becomes a barrier that is highly effective on surfaces as well as in overlaps and seams.



DELTA®-RADONSPERRE the barrier against radioactive radon entering from the ground.



- Laying after installation of the bottom plate on the smooth concrete surface in connection with further construction of the floor.
- Laying before installation of the bottom plate on a smooth surface of insulation.

DELTA®-RADONSPERRE

Technical Data Overview:

Material	Polyolefin
Colour	Black
Surface	Chequered, Rough
Weight	approx. 460 g/m ²
Thickness	approx. 0.7 mm
Dimensions	Length: 25 m Width: 50/150/400 cm Folded: 4 m x 8 m
Resistance	Compatible with bitumen
Water column	4 m, 72 h
Low temperature creasing resistance	No breaks, no cracks.
Tear strength as per DIN 16726	Longitudinal: approx. 350 N/5 cm Transversal: approx. 250 N/5 cm

DELTA®-Accessories for DELTA®-RADONSPERRE.

Dörken makes your life easier – systematically.

You are sure to appreciate these handy DELTA®-Accessories:



DELTA®-THAN

Permanently elastic sealing compound for fixing and seam jointing of DELTA® sheet products. Also can be used to secure connections.



DELTA®-MAUERWERKSECKE

Inside and outside corners made easy.



DELTA®-THENE-BAND T 300

Specially tailored strips (0.3 x 10 m) for application to, for example, edges, corners, grooves, and pipe lead-throughs. Features split backing paper for easy working.



DELTA®-FLEXX BAND

Highly adhesive self-sealing tape consisting of butyl rubber on a special cloth. May be plastered over.

DELTA® is a registered trademark of Ewald Dörken AG, Herdecke, Germany.

DELTA®



DELTA®-System ...

... for owners:

"... What I get is a mature problem solution provided at a fair price by the top specialist in quality branded products!"

... for workers:

"... What I get is a complete system made by a single manufacturer that enables me to do anything to the owner's entire satisfaction. There is no safer way!"

... for planners:

"... I can be certain that both innovative and standard products will be used in implementing my roof and cellar plans in a systematic and forward-looking way."

DÖRKEN

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A company of the Dörken Group

■ Standard requests for tender as well as detailed installation instructions for all DELTA®-Products may be obtained at www.doerken.com as pdf files for you to print out and save.



SINTEF Certification
TG Nr. 20222



DELTA®-RADONSPERRE is certified as an effective barrier against radon.

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