



The Insulated Raft



... THINKING AHEAD.



Switzerland – CP Agosti



Germany – Jülich
Nuclear Research Centre



Perfect climate.

A new concept from the ground up.

Comfortably warm during the cold season. Refreshingly cool when it's hot outside. Today, houses are built with the aim of achieving both in mind, with a minimum energy cost.

The good news is that the insulating and ventilation technology used in passive houses is now highly sophisticated. At the same time, however, one thing has become clear: an ideal living climate and consistent energy savings are difficult to achieve without a perfect all-round protection against external influences.

Our comprehensive protection concept is the result of meticulous planning, with a consistent focus on the raft. Although it is not visible to the eye, the raft is

essential for optimum protection against cold and moisture. If it is inadequately insulated, the raft can become the largest thermal bridge in a building, resulting in increasing costs and a reduction in the value of your home.

ISOQUICK® The Insulated Raft is designed to prevent this from happening: developed as a sophisticated system solution, which in the truest sense of the word protects a building from the ground up against cold, heat and condensation. This system has proved its worth in a wide variety of building types, with different sizes and functions. In doing so, it has also met all important, high European certification standards.

More than a detail:
the pyramid-shaped lug design of the modules ensures
an axially and rotationally stable insulated raft



From concept to practise: ISOQUICK® The Insulated Raft.

The ISOQUICK® concept:

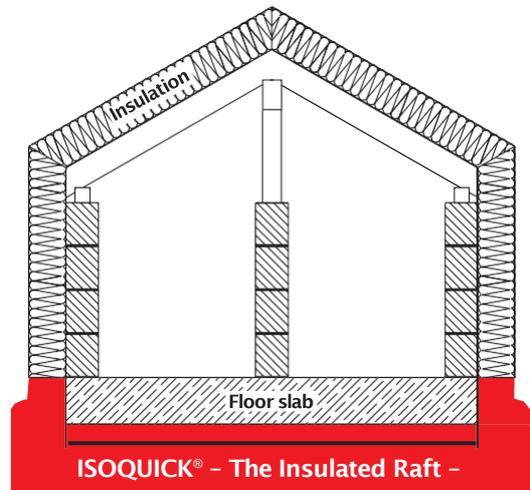
The insulation system made of Peripor® surrounds the part of the building touched by the ground and serves as a foundation. The building insulation above ground continues uninterrupted from the edge of the insulation system.

The result:

Continuous, all-round insulation – without energy-consuming thermal bridges. At the same time, ISOQUICK® protects the construction against moisture and mould growth.

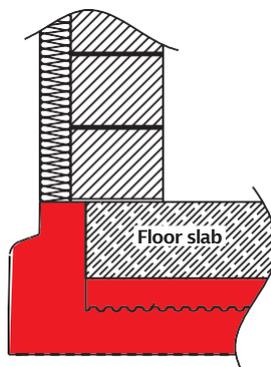
ISOQUICK® The Insulated Raft is a modular system that can be precisely adapted to the various planning requirements and individual architectures. A system which impresses down to the last detail:

- Installation safety ensured by pyramid-shaped lug design
- Minimum cut-off
- Fast laying
- Form-fit
- Construction free from thermal bridges
- Angular tolerance

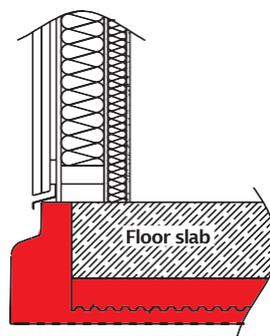


Intelligent, complete insulation

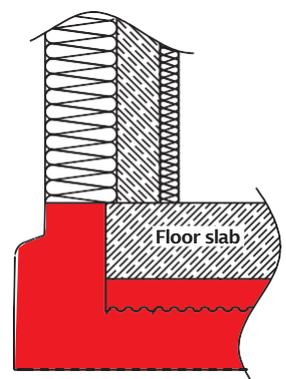
Masonry with exterior insulation system



Timber frame construction



ICF elements



ISOQUICK® – with the best references.



Irregularly shaped floor areas



Germany – Issum sports centre



Canada – Winter Olympics 2010



Individual. Professional. Fast.

In Peripor® - a BASF® product - we have found an excellent material that perfectly satisfies our high standards of insulation, compressive stress and form stability and also provides dimensionally accurate pre-fabrication.

The installation itself only takes a few hours. The ISOQUICK® system can be used in all types of buildings such as masonry, ICF, log and timber frame constructions; and of course under basements.

What you should know:

Since we set the highest standards not only for the material but also for the laying, we exclusively offer the ISOQUICK® system as a complete package. In other words: all the work needed through to completion is carried out by trained ISOQUICK® staff – a key contribution to quality assurance.



Germany – Haar kindergarten



Ireland – CP Henry



Germany – CP Böhm

Thinking ahead – on a broad basis.

Seeing the whole picture – our way of turning good ideas into perfect solutions.

That's why we focus not only on the raft, but also direct the same passionate attention to the connection between the raft and the wall structure. We apply ourselves with energy, foresight and know-how to structural design issues, difficult point loads and other tricky challenges.

As a system supplier, we are not only focused on our core competences. We always keep the entire project in mind. And we take responsibility for what we do – always knowing that corrections to the raft cannot be made at a later date. Perhaps that's the best reason for letting experts do the work right from the start.

Quality Certified to high European standards.

Quality is the foundation stone of our work. We rely not only on our own judgement and experience, but also undergo regular third-party inspections. With success:



Germany – Buir sports centre



Germany – Kern-Haus model building



Germany – CP Dörfel



The Insulated Raft

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